

FINAL

Soil Management Plan Addendum No. 8

Former Philadelphia Energy Solutions Refinery
3144 West Passyunk Avenue, Philadelphia, PA

Prepared for

Bellwether District Holdings, LLC
3144 West Passyunk Avenue
Philadelphia, Pennsylvania

Prepared by

Terraphase Engineering Inc.
100 Canal Pointe Boulevard, Suite 110
Princeton, New Jersey 08540

March 2025

Project Number P044.001.001

File: 20250313-Terraphase-BDH-SMP-AddNo8-final



Contents

Acronyms and Abbreviations.....	4
1 Introduction.....	5
1.1 Purpose and Objective.....	6
1.2 Background.....	7
1.2.1 Coordination with Evergreen’s Remedial Activities.....	7
1.2.2 Redevelopment Elements and Soil Reuse Decisions.....	7
1.2.3 Site-Specific List of Substances and Applicable Screening Levels.....	8
1.2.4 Soil Management Categories.....	8
1.3 Plan Addendum Organization.....	8
2 Sample Collection and Analysis.....	9
2.1 Soil Volumes and Sample Locations.....	9
2.2 Sample Collection Methods.....	10
2.3 Sample Analyses.....	11
3 Sampling Results.....	11
3.1 Results and Soil Categorization.....	11
3.1.1 Analytical Results.....	11
3.1.2 Consideration for Analytical Results Collected Under Other Programs.....	13
3.1.3 Categorization of Soil to be Relocated During Mass Grading.....	14
4 Soil Management.....	15
4.1 Identification of Waste Material during Soil Movement.....	15
4.2 Bulk Soil Movement and Placement.....	15
5 Documentation.....	16
6 References.....	17



Figures

- 1.1 Site Location
- 1.2 Property and Development Area Boundaries
- 2.1 SMP Addendum No. 8 Boring Locations
 - 2.2a Soil Boring Locations and Cell Boundaries (Innovation Campus)
 - 2.2b Soil Boring Locations and Cell Boundaries (Industrial Development Area)
- 3.1a Soil Management Plan Cell Categorization (Innovation Campus)
- 3.1b Soil Management Plan Cell Categorization (Industrial Development Area)
- 4.1 Soil Management Plan Management Area Categorization

Tables

- 1.1 Development Component Functions
- 1.2 Soil Reuse Categories
- 1.3 Target Analyte List and Associated Soil Cleanup Standards
- 3.1a Stockpile or Cut Soil Discrete Analytical Results – VOCs (Innovation Campus)
- 3.1b Cut Soil Discrete Analytical Results – VOCs (Innovation Campus Parcel B)
- 3.1c Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1A)
- 3.1d Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1B)
- 3.1e Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1C)
- 3.1f Cut Soil Discrete Analytical Results – VOCs (Major Amendment 3 Limit of Disturbance)
- 3.1g Cut Soil Discrete Analytical Results – VOCs (Major Amendment 3 Limit of Disturbance Resampling)
- 3.2a Stockpile or Cut Soil Composite Analytical Results – PAHs and Lead (Innovation Campus)
- 3.2b Cut Soil Composite Analytical Results – PAHs and Lead (Innovation Campus Parcel B)
- 3.2c Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1A)
- 3.2d Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1B)
- 3.2e Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1C)
- 3.2f Cut Soil Composite Analytical Results – PAHs and Lead (Major Amendment 3 Limit of Disturbance)
- 3.2g Cut Soil Composite Analytical Results – PAHs and Lead (Major Amendment 3 Limit of Disturbance Resampling)
- 3.3 Underlying Soil Analytical Results (Innovation Campus)
- 3.4 Other Program’s Analytical Results Summary

4.1 Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates

Appendices

- A Laboratory Reports
- B Other Program's Soil Analytical Results
- C Data Usability Summary
- D Waste Material Identification and Notification Procedure



Acronyms and Abbreviations

Act 2	Land Recycling and Environmental Remediation Standards Act
Act 32	Storage Tank and Spill Prevention Act
AST	aboveground storage tank
BDH	Bellwether District Holdings, LLC
DC	Direct Contact
Evergreen	Evergreen Resources Group LLC
ft	feet or foot
MA3 LOD	Major Amendment 3 Limit of Disturbance
mg/kg	milligram per kilogram
MSC	Medium Specific Concentrations
Non-Res	non-residential
NPDES	National Pollutant Discharge Elimination System
Parcel B	Innovation Campus Parcel B
PADEP	Pennsylvania Department of Environmental Protection
PESRM	Philadelphia Energy Solutions Refining and Marketing LLC
Plan	Soil Management Plan
Plan Addendum	Soil Management Plan Addendum No. 8
RCRA	Resource Conservation and Recovery Act
Site	3144 West Passyunk Avenue, Philadelphia, PA
SGW	soil-to-groundwater
SHS	Statewide Health Standard
SMP	Soil Management Plan
SSS	Site-Specific Standard
SVOC	semi-volatile organic compounds
Terraphase	Terraphase Engineering Inc.
UA	used aquifer
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
yd ³	cubic yards

1 Introduction

Terraphase Engineering Inc. (Terraphase) has prepared this *Soil Management Plan Addendum No. 8 (Plan Addendum)* on behalf of Bellwether District Holdings, LLC (BDH), for the Pennsylvania Department of Environmental Protection (PADEP). This *Plan Addendum* presents the results of additional soil sampling performed as part of the planned redevelopment of the former Philadelphia Energy Solutions Refinery located at 3144 West Passyunk Avenue, Philadelphia, PA (Site; **Figure 1.1**). The areas sampled and discussed in this *Plan Addendum* are related to Parcel B of the Innovation Campus, located in the former Point Breeze North Yard, and the National Pollutant Discharge Elimination System (NPDES) Permit No. PAD510217 Major Amendment No. 3 Limit of Disturbance area (MA3 LOD), located in the former Point Breeze South Yard and Girard Point portions of the Site, as shown on **Figure 1.2**.

Previous soil samples were collected in these portions of the Site, and results were provided in *Soil Management Plan (SMP) Addendum No. 5* (Terraphase 2023b) and *SMP Addendum No. 7* (Terraphase 2024b). This *Plan Addendum* summarizes additional sampling performed to account for changes in grading plans (i.e., October 2024 revision for the Innovation Campus and a November 2024 revision for the MA3 LOD areas) and related cut volumes. The sampling was performed in accordance with the June 15, 2020 Soil Management Plan (Plan) prepared by HRP Philadelphia Holdings, LLC and approved by PADEP. Additionally, data from soil sampling performed at the Site (1) in support of Evergreen Resources Group LLC's (Evergreen)¹ investigations, (2) in support of BDH's efforts to close aboveground storage tanks (AST) under the Storage Tank and Spill Prevention Act (Act 32), (3) in support of BDH's efforts to address release(s) at select areas of the Site under the Land Recycling and Environmental Remediation Standards Act (Act 2), and (4) in support of BDH's efforts to demonstrate Clean Closure of former hazardous waste storage units at the Site under the Resource Conservation and Recovery Act (RCRA), have been reviewed with consideration for determining soil re-use categories under this *Plan Addendum*.

This *Plan Addendum* presents the results of soil sampling conducted to establish where soil can be placed at the Site as part of the bulk movement of soil during redevelopment. It is being shared with Evergreen and PADEP. The soil sampling previously completed at the Site in support of the SMP is documented in a series of SMP Addenda:

- *Soil Management Plan Addendum No. 1* (Terraphase 2021b);
- *Soil Management Plan Addendum No. 2* (Terraphase 2022a);
- *Soil Management Plan Addendum No. 3* (Terraphase 2022b);
- *Soil Management Plan Addendum No. 4* (Terraphase 2023a);
- *Soil Management Plan Addendum No. 5* (Terraphase 2023b);

¹ Evergreen Resources Management Operations, a series of Evergreen Resources Group, LLC, is managing the legacy remedial work for Philadelphia Refinery Operations, a series of Evergreen Resources Group, LLC (Evergreen) and Sunoco (R&M), LLC. For clarity, Sunoco, Inc. n/k/a ETC Sunoco Holdings LLC, Sunoco, Inc. (R&M) f/k/a Sunoco (R&M), LLC n/k/a Energy Transfer (R&M), LLC effective 4/19/2021 and Evergreen shall be referred to collectively as Evergreen in this document.



- *Soil Management Plan Addendum No. 6* (Terraphase 2024a); and
- *Soil Management Plan Addendum No. 7* (Terraphase 2024b).

The conclusions of the prior SMP Addenda are incorporated into this *Plan Addendum* to provide a comprehensive summary of soil management requirements in accordance with the *Plan* based upon sampling completed to date. Additional SMP Addenda will be prepared as soil sampling is completed in additional areas of the Site in anticipation of development. Each Addendum will provide a cumulative summary of soil management requirements in addition to providing details describing the results of recent soil sampling not previously reported in the Addenda.

Additional phases of sampling will be conducted within other areas of the Site as redevelopment planning and preparations proceed. At least 30 days prior to the start of mass grading in a given area, BDH will submit to Evergreen and PADEP a *Plan Addendum* that includes the results of pre-excavation characterization sampling and soil management requirements for that area consistent with the approach described in the 2020 *Plan*.

1.1 Purpose and Objective

A key element of the redevelopment plan involves raising the ground surface elevations on the portion of the Site east of the Schuylkill River above base flood elevations. Some of the ground surface elevations at the Site are currently below base flood elevations while other areas are above base flood elevations. As such, BDH intends to move soil from locations with higher ground surface elevations to areas with lower ground surface elevations so that the final grades for areas of the Site east of the Schuylkill River achieve the design standard of being above the base flood elevation as established by the Federal Emergency Management Agency.

None of the soil that is moved as part of the regrading process will be placed in areas below the groundwater table. Key objectives of the SMP are:

1. To retain all soil that is excavated or disturbed by BDH at the Site to balance grades and achieve elevations necessary for redevelopment.
2. To facilitate movement of soil during mass grading and construction.
3. To establish requirements for BDH's sample collection and analysis for determining the way excavated soil will be placed and reused on-site while ensuring that sufficient data for future work under Act 2 is available to substantially limit the need for additional sampling by Evergreen (e.g., for site characterization, risk assessment(s), cleanup plan(s)).

Decommissioning, demolition, soil grading, and redevelopment will occur in phases across the Site. This *Plan Addendum* presents the results of soil sampling performed and the associated categorization of soil to be cut in portions of the northern, central, and southern areas of the former refinery (**Figure 1.2**). Section 4 of this *Plan Addendum* includes soil categorizations and associated volumes for all areas of the Site sampled to date. The soil categorizations will be used to support decisions regarding how soil that will be cut during grading activities is managed and reused on-site. Samples were collected from soil that will be cut and re-located as part of grading activities during development. This *Plan Addendum* does not include an investigation of the underlying soil. BDH intends to characterize the top 2 feet (ft) of

underlying soil (as required by the SMP) after grading activities have commenced and the cut soil has been relocated.

1.2 Background

BDH is performing pre-excitation characterization, soil grading, and soil reuse activities during redevelopment of the Site. The Site, which is shown on **Figure 1.1**, contains approximately 1,300 acres of land that is being redeveloped into a state-of-the-art, multimodal industrial park and innovation campus. The recently resampled areas described in this *Plan Addendum* include approximately 60 and 95 acres (as shown in yellow outline within the Innovation Campus Parcel B and MA3 LOD on **Figure 1.2**). As explained in the 2020 *Plan*, soil on-site is being sampled prior to grading, relocation, and disturbance. The 2020 *Plan* detailed how sampling would be performed and how decisions will be made as to where such soil can be placed at the Site as part of the bulk movement of soil during redevelopment activities. While more details are provided in the 2020 *Plan*, the following sections provide a summary of the approach and objectives of the SMP.

1.2.1 Coordination with Evergreen's Remedial Activities

The soil sampling and evaluation of the results obtained from the sampling being conducted under the SMP take into consideration Evergreen's site-wide remediation activities. BDH understands that Evergreen intends to use a combination of the Statewide Health Standards (SHS) and the Site-Specific Standard (SSS) under Act 2 to demonstrate that chemical concentrations remaining at the Site do not pose an unacceptable risk to human health or the environment.

In developing the master plan for redevelopment, BDH is aware of the known soil and groundwater impacts at the Site that are associated with the Site's historical use for petroleum refining. Many of the anticipated development components (e.g., building slabs, drive aisles, parking lots, new roadways, and other paved areas described in cleanup plans to be submitted to PADEP by Evergreen) will serve as barriers to exposure and infiltration, and use restrictions will be documented in one or more environmental covenants. These features can be used to attain the SHS or SSS under Act 2 for soil at the Site. **Table 1.1** lists examples of anticipated development components and the functions they will serve to attain the SHS or SSS under Act 2 for soil at the Site.

1.2.2 Redevelopment Elements and Soil Reuse Decisions

BDH understands that Evergreen's anticipated cleanup approach may rely on the assumption that certain impacted soil would remain at depths where it would not be accessible to current or future receptors and/or would be subject to different cleanup standards under Act 2 (i.e., soil at depths of greater than 2-ft below ground surface). To ensure that the SMP aligns with Evergreen's anticipated cleanup approach, if such impacted soil is relocated to achieve necessary redevelopment elevations, the soil will be placed in accordance with the reuse options specified in **Table 1.2**.

Based on the planned redevelopment, most soil at the Site will ultimately be located beneath a development element that will serve as an exposure barrier (e.g., placed under building pads, drive aisles, parking lots, roadways or other features that will function as exposure barriers). Accessible



surface soil will only be in limited areas of the Site (e.g., landscape areas). Surface soil in these accessible areas will consist of either (1) imported material or (2) soil from the Site that has been identified as appropriate for this use in accordance with the reuse options noted in **Table 1.2**. Imported soil used as surface soil will be either clean fill or regulated fill under PADEP's *Management of Fill Policy* (PADEP 2021), as appropriate, and soil from the Site will only be considered appropriate for use as surface soil if it meets applicable SHS Medium Specific Concentrations (MSC) or a risk assessment demonstrates attainment of the SSS. To the extent that soil is transported off-site for disposal, such soil will be managed in accordance with applicable legal requirements. Finally, BDH's anticipated cut and fill plan will be designed to leave a minimum 2-ft buffer between the bottom of cut areas and the top of known light non-aqueous phase liquid plumes.

1.2.3 Site-Specific List of Substances and Applicable Screening Levels

As part of Evergreen's work under Act 2 and the One Cleanup Program, Evergreen, United States Environmental Protection Agency (USEPA), and PADEP have developed a specific target list of regulated substances that is being used during characterization and will be considered during remedial decision-making. **Table 1.3** provides the list of these site-specific substances for which soil sampled under the SMP was characterized. This table also provides the applicable screening levels used to evaluate and categorize soil that will be managed under the SMP in accordance with the categories detailed in Section 1.2.4.

1.2.4 Soil Management Categories

The pre-excavation (i.e., before grading) characterization data generated via the SMP is used to divide soil into categories based on how the material can be reused during the cut and fill activities. The specific categories to which soil is designated depend upon a comparison of the measured chemical-specific soil concentrations to the applicable screening levels. These categories are presented in **Table 1.2**.

1.3 Plan Addendum Organization

Section 1 of this *Plan Addendum* provides a brief introduction and provides background on the SMP, its purpose, and objectives. Section 2 describes the samples that have been collected and analyzed within the Parcel B and MA3 LOD in support of the SMP. Section 3 presents the results of the sampling performed, a comparison of the results to applicable screening levels, a discussion of results collected under other programs, and the resulting categories assigned to different soil volumes based on the SMP. Section 4 summarizes the soil management categories assigned to the volumes of soil sampled to date. Section 5 describes how soil management will be observed and documented during earthwork. Finally, Section 6 provides the references considered in the development of this *Plan Addendum*.

2 Sample Collection and Analysis

This section discusses the methods used to identify, collect, and analyze soil samples from the anticipated cut areas within the Parcel B and MA3 LOD areas as identified on **Figure 1.2**. Section 2.1 explains how the cut volume was discretized and how sampling locations were determined. Section 2.2 details the sample collection methods used during the field activity. Finally, Section 2.3 explains the analytical methods used.

2.1 Soil Volumes and Sample Locations

As described in the *2020 Plan*, a significant volume of soil will be moved from higher portions of the Site (cut areas) to raise elevations in lower portions of the Site (fill areas) above floodplain elevations. The objective of the sampling program is to characterize soil from cut areas to determine where and how the soil can be placed in planned fill areas such that it will not pose an unacceptable risk to human health or the environment. The current development plan includes multiple phases to be completed over the next several years with each phase representing a different portion of the Site.

Soil sampling was conducted to characterize the additional cut material from the areas identified in Parcel B and MA3 LOD on **Figure 1.2**. From January 2, 2025 to January 8, 2025, soil sampling was conducted in Parcel B to characterize the concentrations of site-specific substances in soil that is now part of the anticipated cut based on the revised October 2024 grading plan.² From January 8, 2025 to January 30, 2025, soil sampling was conducted in the MA3 LOD area to characterize the concentrations of site-specific substances in soil that is now part of the anticipated cut based on the revised November 2024 grading plan.³ The revised grading plans resulted in an additional anticipated cut volume of approximately 37,000 cubic yards (yd³) in Parcel B and approximately 296,000 yd³ in MA3 LOD.⁴

This Plan Addendum documents the prior sampling results presented in previous SMP Addenda (as discussed in Section 1), as well as the additional January 2025 soil analytical results which characterize the additional anticipated cut. In portions where shallower soil was previously characterized, the additional samples collected were targeted towards deeper cut intervals. Cells previously categorized as “E” where additional deeper cut is proposed were not subject to additional soil sampling. The total volume of cut in these cell areas will be managed as “E” category. Of the 320,000 yd³ of additional anticipated cut in MA3 LOD, approximately 24,000 yd³ is within areas that were previously categorized as E in the (SMP Addendum No. 7 [Terraphase 2024b]). This 24,000 yd³ of cut was not returned to for

² The sampling previously performed in Parcel B of the Innovation Campus was based on the June 2021 grading plan, documented in the *SMP Addendum No. 1* (Terraphase 2021b), and the March 2023 grading plan, documented in the *SMP Addendum No. 5* (Terraphase 2023b).

³ The sampling previously performed in the MA3 LOD was based on the May 2024 grading plan (*SMP Addendum No. 7* [Terraphase 2024b]).

⁴ This volume includes an adjustment to the November 2024 revision to the mass grading plan for Lots 12 and 13 within MA3 LOD by lowering the cut by 2 feet uniformly to account for potential future grading plan updates. No modifications were made to the revised grading plan outside of the area of Lots 12 and 13.



sampling and will be managed as category E. Therefore, only 296,000 yd³ was included in the sampling scope discussed below.

Soil material subject to sampling for this Plan Addendum was divided into cells with one composite⁵ sample collected from each cell layer. As described in the 2020 *Plan*, the intent of the program was to collect samples at a frequency of approximately one sample per 2,000 yd³ and have these samples analyzed for the site-specific list of substances.

The Parcel B area of the former refinery was discretized into 21 two-dimensional cell areas. Depending on the depth of the planned cut at each cell, the cell was vertically divided into one or more layers each corresponding to an approximate volume of cut of 2,000 yd³. Each layer was assigned the suffix “C1” to “C2” (where C1 corresponds to the shallowest layer). Given the planned total cut volume is approximately 37,000 yd³, this resulted in 22 discrete volumes of soil to be sampled (~1,700 yd³ per sample on average). In total, 22 soil samples were collected within Parcel B.

The MA3 LOD area of the former refinery was discretized into 74 two-dimensional cell areas. Depending on the depth of the planned cut at each cell, the cell was vertically divided into one or more layers each corresponding to an approximate volume of cut of 2,000 yd³. Each layer was assigned the suffix “C1” to “C5” (where C1 corresponds to the shallowest layer). Given the planned total cut volume is approximately 296,000 yd³ after excluding cut volume within areas previously categorized as “E”, this resulted in 167 discrete volumes of soil to be sampled (~1,600 yd³ per sample on average). In total, 167 soil samples were collected within the MA3 LOD area.

Four soil borings were completed in each cell to generate the soil for each composite soil sample. As shown on **Figure 2.1**, a total of 380 soil borings were installed (i.e., 84 soil borings in Parcel B and 296 soil borings in MA3 LOD). Each boring was assigned a target depth interval for sampling based on the depth of cut at that location. The cells which were used to discretize the development area were identified by region number (e.g., ParcelB or 401-MA3-1) and cell letter/number (e.g., 01). The two-dimensional cell boundaries for the cut soil samples are shown on **Figures 2.2a** and **2.2b**.

2.2 Sample Collection Methods

Terraphase and their subcontractor, East Coast Drilling, Inc., were retained by BDH to conduct soil sampling. Using a direct push drill rig, four soil borings (designated -a, -b, -c, and -d) were advanced in each cell to a depth specific to the approximate depth of cut planned at the location of each boring. To characterize the chemical concentrations in each 2,000 yd³ volume, a discrete, grab sample was collected for volatile organic compound (VOC) analysis from the soil boring (boring a, b, c, or d) where field observations (e.g., field screening) indicated the greatest evidence of potential VOC contamination.

⁵ Samples for analysis of metals and semi-volatile organic compounds were collected as composite samples. Samples for analysis of volatile organic compounds were collected as discrete samples.

A four-point composite sample, composed of soil from all four borings,⁶ was collected for semi-volatile organic compounds (SVOC) and lead analyses.

2.3 Sample Analyses

Samples collected were submitted to Pace Analytical of Westborough, Massachusetts, a Pennsylvania-certified laboratory. The soil samples collected during the field activities were placed directly into laboratory-provided glassware and stored on ice in a cooler under appropriate chain-of-custody protocol. Laboratory deliverables are provided in **Appendix A**. As noted in **Table 1.3**, VOCs were analyzed via USEPA Method 8260D, SVOCs via USEPA Method 8270E,⁷ and lead via USEPA Method 6010D.

3 Sampling Results

This section presents and discusses the results of the soil sampling and how chemical concentrations in soil within the cut soil zones compare to the SHS MSC identified in the approved 2020 *Plan*.

3.1 Results and Soil Categorization

The analytical results for samples collected from the Site are presented in **Tables 3.1a** through **3.1g**, **3.2a** through **3.2g**, and **3.3** and are discussed below. **Figures 3.1a** and **3.1b** present the results for all samples collected to date under the SMP. The areas within which the current round of sampling was performed (i.e., the Parcel B and MA3 LOD areas) are outlined in yellow on the figures.

3.1.1 Analytical Results

The results of the discrete (VOC) and composite (SVOC and lead) soil samples are presented in **Tables 3.1a** through **3.1g** and **Tables 3.2a** through **3.2g**, respectively.

Parcel B

Overall, 22 discrete and 22 composite soil samples were collected from the cut cells as part of the resampling in Parcel B and analyzed for VOCs and SVOCs/lead, respectively. No chemicals were detected at concentrations above the Non-Residential Direct Contact (Non-Res DC) MSCs for soil in these cut samples.

Within these cut cells, lead was the only chemical detected at concentrations greater than the Non-Res Used Aquifer Soil-to-Groundwater (UA SGW) MSCs.

⁶ Refusal was encountered within certain borings. As a result, samples within these cells were collected as 3-point composite samples.

⁷ Naphthalene was analyzed via USEPA Method 8270 in accordance with Table 1 of the 2020 *Plan*.



- Lead was detected in 22 of the 22 samples at concentrations ranging from 6.3 to 970 milligram per kilogram (mg/kg). The average detected concentration was 200 mg/kg. Of the 22 detected concentrations of lead, as shown in **Table 3.2b**, two (9 percent) exhibited a concentration greater than the Non-Res UA SGW MSC of 450 mg/kg.

MA3 LOD

Overall, 167 discrete and 167 composite soil samples were collected from the cut cells as part of the resampling in the MA3 LOD areas and analyzed for VOCs and SVOCs/lead, respectively. Lead was the only chemical detected at concentrations above the Non-Res DC MSC for soil in these cut samples.

- Lead was detected in 167 of the 167 samples at concentrations ranging from 4.4 to 8,600 mg/kg. The average detected concentration was 340 mg/kg. Of the 167 detected concentrations of lead, as shown in **Table 3.2g**, eight (5 percent) exhibited a concentration greater than the Non-Res DC MSC of 1,000 mg/kg.

Within these cut cells, benzene, ethyl benzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, xylenes (total), naphthalene, and lead were detected at concentrations greater than the Non-Res UA SGW MSCs.

- Benzene was detected in 118 of the 167 samples at concentrations ranging from 0.00017 to 250 mg/kg. The average detected concentration was 5.5 mg/kg. Of the 118 detected concentrations of benzene, as shown in **Table 3.1g**, 41 samples exhibited a concentration greater than the Non-Res UA SGW MSC of 0.5 mg/kg.
- Ethyl benzene was detected in 110 of the 167 samples at concentrations ranging from 0.00017 to 550 mg/kg. The average detected concentration was 12 mg/kg. Of the 110 detected concentrations of ethyl benzene, as shown in **Table 3.1g**, five samples exhibited a concentration greater than the Non-Res UA SGW MSC of 70 mg/kg.
- 1,2,4-trimethylbenzene was detected in 101 of the 167 samples at concentrations ranging from 0.00035 to 1,100 mg/kg. The average detected concentration was 53 mg/kg. Of the 101 detected concentrations of 1,2,4-trimethylbenzene, as shown in **Table 3.1g**, five samples exhibited a concentration greater than the Non-Res UA SGW MSC of 300 mg/kg.
- 1,3,5-trimethylbenzene was detected in 98 of the 167 samples at concentrations ranging from 0.00016 to 350 mg/kg. The average detected concentration was 18 mg/kg. Of the 98 detected concentrations 1,3,5-trimethylbenzene, as shown in **Table 3.1g**, five samples exhibited a concentration greater than the Non-Res UA SGW MSC of 93 mg/kg.
- Xylenes (total) was detected in 114 of the 167 samples at concentrations ranging from 0.0011 to 1,800 mg/kg. The average detected concentration was 48 mg/kg. Of the 114 detected concentrations xylenes (total), as shown in **Table 3.1g**, one sample exhibited a concentration greater than the Non-Res UA SGW MSC of 1,000 mg/kg.
- Naphthalene was detected in 132 of the 167 samples at concentrations ranging from 0.024 to 33 mg/kg. The average detected concentration was 1.7 mg/kg. Of the 132 detected concentrations naphthalene, as shown in **Table 3.2g**, two samples exhibited a concentration greater than the Non-Res UA SGW MSC of 25 mg/kg.

- Of the 167 samples with detected concentrations of lead, as shown in **Table 3.2g**, 23 samples exhibited a concentration greater than the Non-Res UA SGW MSC of 450 mg/kg.
- Overall, 66 samples (40 percent) exhibited concentrations greater than the Non-Res UA SGW MSCs.

3.1.2 Consideration for Analytical Results Collected Under Other Programs

In addition to considering the soil analytical results in accordance with the 2020 *Plan* summarized above, additional soil analytical results from the target analyte list (**Table 1.3**) collected by Evergreen as part of their Act 2 work, or by BDH for the AST Site Assessment and Site Characterization,⁸ under Act 2, and for assessing conditions as part of RCRA Clean Closure of former hazardous waste storage areas were also considered in determining soil re-use categories. Figures presenting the spatial distribution of chemicals identified in **Table 1.3** with concentrations greater than the Non-Res UA SGW MSCs or Non-Res DC MSCs in soil samples collected by Evergreen, and by BDH in support of AST Closure Program, Act 2, and RCRA Clean Closure are included in **Appendix B**.

As shown in **Table 3.4**, the average concentrations for each target analyte from prior investigations performed by Evergreen and during BDH's investigations have been compiled and summarized for each SMP cell. These averages were compared against the Non-Res MSCs consistent with the anticipated future use of the Site.

Within Parcel B, benzene and lead were detected in Evergreen, AST, Act 2, or RCRA Clean Closure soil samples at concentrations greater than the applicable Non-Res MSCs. As summarized in **Table 3.4**, benzene was identified at concentrations greater than the applicable MSCs in non-SMP samples within five cut cells (i.e., ParcelB-01, ParcelB-12, ParcelB-13, ParcelB-19, ParcelB-20) and lead was identified at concentrations greater than the applicable MSCs in non-SMP samples within four cut cells (i.e., ParcelB-12, ParcelB-18, ParcelB-19, and ParcelB-20).

Within the MA3 LOD area, benzene, cumene, methyl tert-butyl ether, and lead were detected in Evergreen, AST, Act 2, or RCRA Clean Closure soil samples at concentrations greater than the applicable MSCs. As summarized in **Table 3.4**, benzene was identified at concentrations greater than the applicable MSCs in non-SMP samples within six cut cells (i.e., 401-MA3-1-11, 401-MA3-1-15, 401-MA3-1-18, 401-MA3-1-21, 401-MA3-1-49, and 404-MA3-1-05), cumene was identified at concentrations greater than the applicable MSCs in non-SMP samples within one cut cell (i.e., 404-MA3-1-05), methyl tert-butyl ether was identified at concentrations greater than the applicable MSCs in non-SMP samples within one cut cell (i.e., 401-MA3-1-18), and lead was identified at concentrations greater than the applicable MSCs in non-SMP samples within four cut cells (i.e., 401-MA3-1-60, 403-MA3-1-16, 404-MA3-1-05, and 404-MA3-1-06).

⁸ AST Site Assessment and Site Characterization sampling is being conducted by BDH in accordance with the requirements of the PADEP Storage Tank Cleanup Program and the Above Ground Storage Tank Closure Work Plan (Terraphase 2021a). The analytical results and conclusions related to closure of historical tank releases will be documented in separate submittals to PADEP as part of the Corrective Action Process. The results from the AST samples are being used in the context of this *SMP Addendum* as additional data that can be used to inform soil management decision-making. Unless specifically stated in a tank program report, soil management is not being used to address releases from the AST under the Corrective Action Process.



Non-SMP sampling performed within Parcel B has resulted in a total of six cells being recategorized as part of this evaluation. All six cells, originally characterized as Category A, have been recategorized as Category B soil. Non-SMP sampling performed within the MA3 LOD area has resulted in a total of three cells being recategorized as part of this evaluation. All three cells, originally characterized as Category A, have been recategorized as Category B soil. The changes in the soil reuse categories are reflected on **Figures 3.1a** and **3.1b**.

Cell	Original Category	Recategorization	Chemical Driver
ParcelB-01	A	B	Benzene
ParcelB-12	A	B	Benzene, Lead
ParcelB-13	A	B	Benzene
ParcelB-18	A	B	Lead
ParcelB-19	A	B	Benzene, Lead
ParcelB-20	A	B	Benzene, Lead
401-MA3-1-15	A	B	Benzene
401-MA3-1-60	A	B	Lead
404-MA3-1-05	A	B	Benzene, Cumene, Lead

3.1.3 Categorization of Soil to be Relocated During Mass Grading

As discussed in Section 1.2.4, the pre-soil grading characterization data generated via the SMP is used to determine how the material will be managed during the cut and fill activities (i.e., via the approved soil reuse categories and based on measured chemical-specific soil concentrations). These categories are presented in **Table 1.2**. Concentrations from samples other than those collected for the SMP (discussed in Section 3.1.2) were also considered.

As discussed in Section 2.1, additional cut in the Parcel B and the MA3 LOD areas was discretized into 21 and 74 two-dimensional cell areas, respectively. The two-dimensional cell boundaries for the cut soil samples (**Figures 2.2a** and **2.2b**) were used to visualize the aerial extent of soil that will be managed in accordance with these categories. Since some of the cells had multiple cut layers (i.e., C1 through C5), in total, 22 and 167 discrete volumes of soil were sampled, respectively. In situations where cut layers, within the same two-dimensional cell identified soil concentrations with different soil categorization, the most conservative soil characterization was selected for the overall cell.

Figures 3.1a and **3.1b** present the results of the soil categorization for each SMP cell. As illustrated on **Figures 3.1a** and **3.1b**:

- Of the 21 cells, 13 within Parcel B did not exhibit concentrations greater than the applicable screening levels. Of the 74 cells, 33 within the MA3 LOD area did not exhibit concentrations greater than the applicable screening levels. This soil can be reused as “Category A” (*Soil can be reused in*

areas not beneath a surface cap, e.g., as backfill in utility corridors or in landscaped areas, as long as a risk assessment demonstrates attainment of the site-specific standard).

- Seven of the 74 cells within the MA3 LOD area were identified as having concentrations greater than both the Non-Res DC MSCs and Non-Res UA SGW MSCs. As such, soil within these cells can be reused as “Category E” (*Soil can be reused beneath an impervious surface cap that will serve as an engineering control under Act 2 at elevations above the groundwater table*). Depending on the cell, benzene, ethyl benzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, naphthalene and lead exceed the MSCs.
- Soil analytical results within the remaining eight cells located in Parcel B and 34 cells located in the MA3 LOD area can be reused as “Category B” (*Soil that can be reused (1) in areas beneath an impervious surface cap [e.g., building slabs, parking lots, or roadways] that will serve as an engineering control under Act 2 at elevations above the groundwater table, or (2) in areas not beneath a surface cap that are more than 500 ft from a shoreline [i.e., the edge of the Schuylkill River] as long as a risk assessment demonstrates attainment of the Site-specific standard*). Soil from these cells contained concentrations of benzene, ethyl benzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, xylenes (total), or lead that were greater than the Non-Res UA SGW MSCs but less than the Non-Res DC MSCs.

4 Soil Management

The soil analytical results described in Section 3.1, including the results from samples collected by Evergreen, or as part of the AST Site Assessment and Site Characterization under Act 32, investigation of additional release areas under Act 2, and RCRA Clean Closure, have been used to categorize and determine how soil, that will be relocated during mass grading activities, may be re-used on-site. The sections below describe the process that will be used to manage soil during construction in accordance with the requirements specified in **Table 1.2** and the *2020 Plan*.

4.1 Identification of Waste Material during Soil Movement

During mass grading activities, there is the potential for previously unidentified waste materials, such as leaded tank bottoms or containerized wastes, to be encountered. An environmental professional will be on site during mass grading to observe soil movement, to document that soil is placed appropriately, and to observe suspect waste materials. Procedures for identifying waste materials and subsequent notifications are described in **Appendix D**.

4.2 Bulk Soil Movement and Placement

Figure 4.1 identifies how soil in the cut cells will be managed. The volume of soil associated with each category “A”, “B”, and “E” area is provided in **Table 4.1**. **Table 4.1** is cumulative and provides a volume summary for all soil sampled to date. As noted earlier, the grading plans for the Innovation Campus and MA3 LOD portions of the proposed development were revised in October 2024 and November 2024,



respectively. The volumes in **Table 4.1** and the table below reflect the anticipated cut volumes based on the grading plans for the Innovation Campus, Industrial Development Phase 1, and MA3 LOD.

Soil Management Category	Previous Volume (yd ³)	Updated Volume (yd ³)
Innovation Campus		
A	394,600	366,700
B	173,600	243,100
E	106,200	106,200
Not Yet Categorized	8,900	4,300
Total	683,300	720,400
Industrial Development Phase 1		
A	1,608,200	1,608,200
B	720,700	720,700
E	143,600	143,600
Not Yet Categorized	34,500	34,500
Total	2,507,000	2,507,000
Major Amendment 3 Limit of Disturbance		
A	49,600	89,800
B	58,600	290,100
E	35,700	83,800
Total	143,900	463,700

The earthwork contractor will excavate and segregate the Category A, B, and E soil identified on **Figure 4.1** and **Table 4.1** for reuse in accordance with the requirements specified in **Table 1.2**. An environmental professional will oversee the earthwork and will ensure that soil is managed consistent with this *Plan Addendum*.

5 Documentation

The earthwork contractor will provide documentation of the soil volume excavated from each Category B and E area. The documentation will be reviewed by the environmental professional overseeing the earthwork. The environmental professional will also be responsible for documenting the movement and storage of this soil during construction, including documenting the location of each soil volume identified in the above table (more detail provided in **Table 4.1**), in the final developed condition. The documentation will include cubic yards of soil moved, coordinates or maps of the new soil locations, and as-built drawings demonstrating that the areas where this soil is placed are covered by development components that serve as adequate engineering controls. BDH understands that plans and descriptions of surface caps will need to be included in the Cleanup Plan(s) and that the Cleanup Plan(s) will be subject to the Act 2 public involvement process and will be coordinated with Evergreen.

The results of field documentation performed by the environmental professional will be summarized in a Soil Management Report to be submitted to PADEP upon completion of each phase of construction.

6 References

Hilco Redevelopment Partners, Philadelphia Holdings, LLC (HRP). 2020. *Final Soil Management Plan*. June 15.

Pennsylvania Department of Environmental Protection (PADEP). 2021. *Management of Fill Policy*. January 16.

Terraphase Engineering Inc. 2021a. *Aboveground Storage Tank Closure Work Plan*. March.

___. 2021b. *Soil Management Plan Addendum No. 1*. October 29.

___. 2022a. *Soil Management Plan Addendum No. 2 – Industrial Phase 1A Area*. August 4. Amended February 14, 2023.

___. 2022b. *Soil Management Plan Addendum No. 3 – Industrial Phase 1B Area*. December 8.

___. 2023a. *Soil Management Plan Addendum No. 4*. May 9.

___. 2023b. *Soil Management Plan Addendum No. 5*. July 31.

___. 2024a. *Soil Management Plan Addendum No. 6*. April 24.

___. 2024b. *Soil Management Plan Addendum No. 7*. November 4.

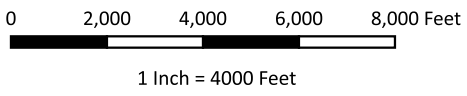


Figures

- 1.1 Site Location
- 1.2 Property and Development Area Boundaries
- 2.1 SMP Addendum No. 8 Boring Locations
- 2.2a Soil Boring Locations and Cell Boundaries (Innovation Campus)
- 2.2b Soil Boring Locations and Cell Boundaries (Industrial Development Area)
- 3.1a Soil Management Plan Cell Categorization (Innovation Campus)
- 3.1b Soil Management Plan Cell Categorization (Industrial Development Area)
- 4.1 Soil Management Plan Management Area Categorization



N:\GIS\PI\P044.001_PESRM-PES\GIS\OGZ and GPKG\Branch_SMP\20250213\OGZ340_P044.001_PESRM_SMP.qgz Industrial Development Phase I - SMP Addendum - parent - Site Location 2021-03-26T15:56:13.000 Created by: Resource Checked by: initial



Legend
 Property Boundary

SAFETY FIRST

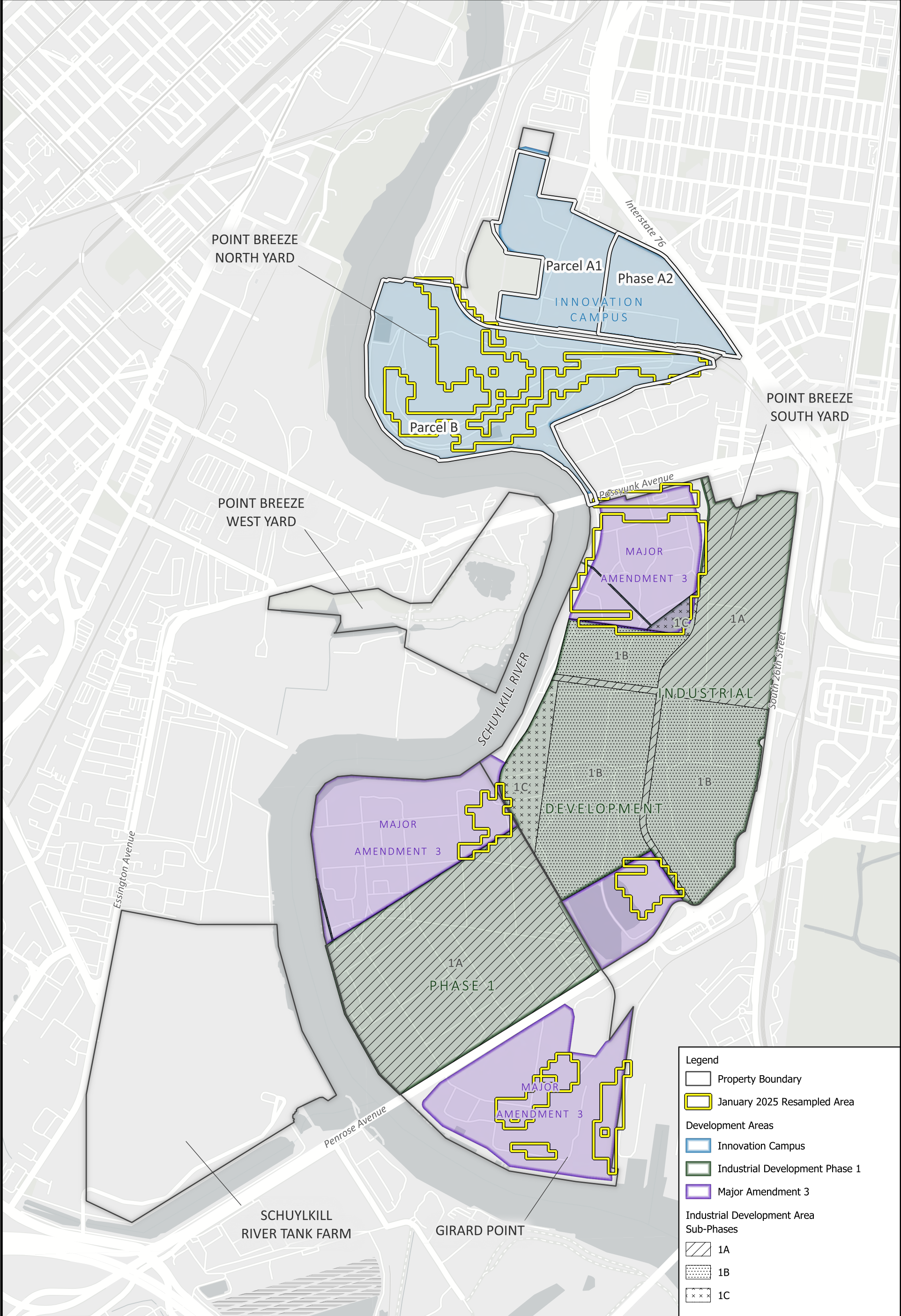


CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 8
PROJECT NUMBER:	P044.001.001

Site Location

FIGURE 1.1

N:\GIS\Proj\044.001_PESRM-PES\OGZ and GPK\Branch_SMP\20250303\OGZ340_P044.001_PESRM_SMP.rgz Industrial Development Phase I - SMP Addendum - parent - Property and Development Area Boundaries. Created by: Resource



Legend	
	Property Boundary
	January 2025 Resampled Area
Development Areas	
	Innovation Campus
	Industrial Development Phase 1
	Major Amendment 3
Industrial Development Area Sub-Phases	
	1A
	1B
	1C



0 300 600 900 1,200 ft

 1 Inch = 1200 Feet

SAFETY FIRST

CLIENT: Bellwether District Holdings, LLC
 PROJECT: Soil Management Plan Addendum No. 8
 PROJECT NUMBER: P044.001.001

Property and Development Area Boundaries

FIGURE 1.2



N:\GIS\Projects\001_PSRM\FED\0201\020101\020101_004_001_PSRM_SMP\020101_004_001_PSRM_SMP_020101_004_001_0000_Created by ME Checked by mha
 2021-09-24 15:56:13.000
 Figure 2.1 - Boring Locations

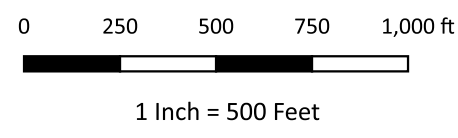
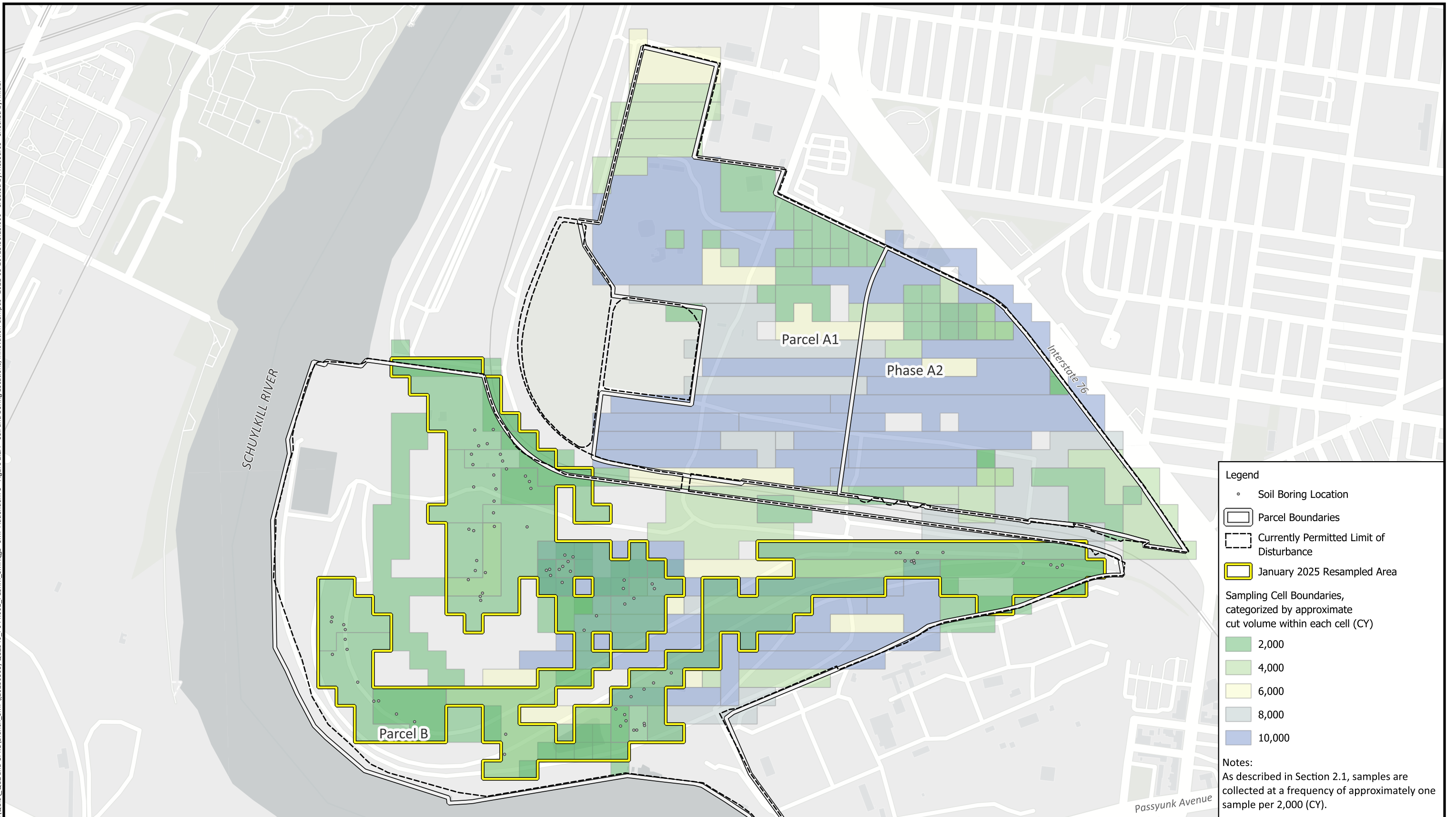
- Legend**
- Soil Boring Location
 - ▭ Lot and Parcel Boundaries
 - ▭ Limits of Disturbance
 - ▭ Industrial Development Phase 1
 - ▭ Innovation Campus
 - ▭ Major Amendment 3



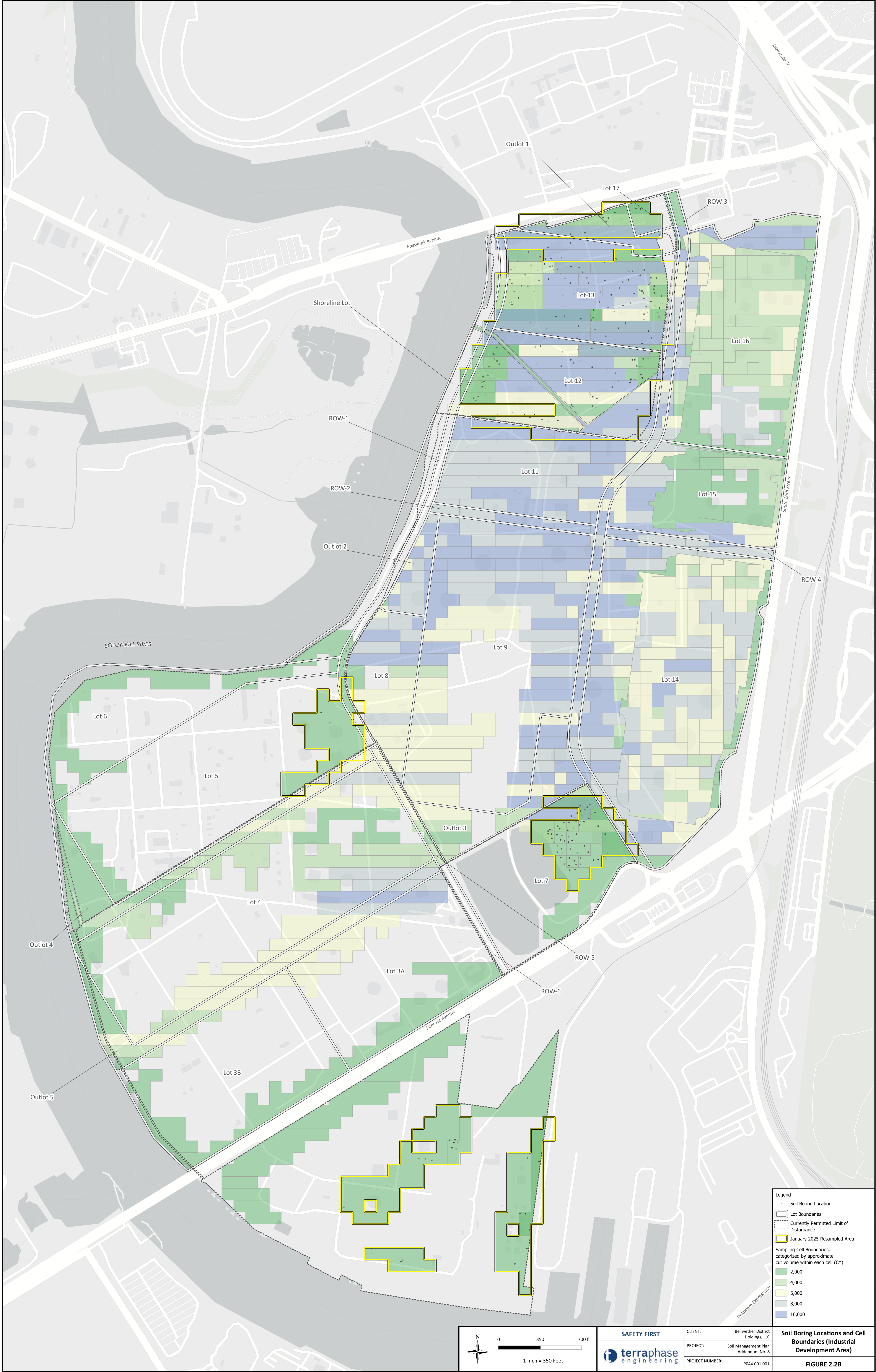
CLIENT: Bellwether District Holdings, LLC
 PROJECT: Soil Management Plan Addendum No. 8
 PROJECT NUMBER: P044.001.001

SMP Addendum No. 8
Boring Locations
FIGURE 2.1

N:\GIS\Prj\PO44.001_PESRM-PES\OGIS\OGZ and GPKG\Branch_SMP\20250303\OGZ340_P044.001_PESRM_SMP.pgz_SMP Addendum 8 - Figure 2.2A - Cell and Boring Locations, Innovation Campus 2021-03-26T15:56:13.000 Created by: Resource Checked by: initial



	CLIENT:	Bellwether District Holdings, LLC	Soil Boring Locations and Cell Boundaries (Innovation Campus) FIGURE 2.2A
	PROJECT:	Soil Management Plan Addendum No. 8	
	PROJECT NUMBER:	P044.001.001	



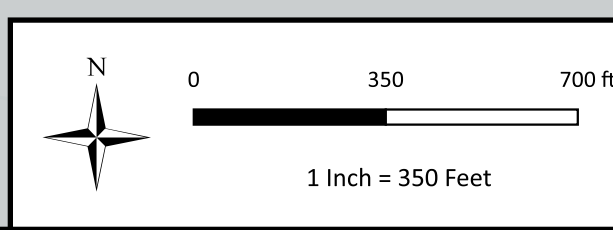
M:\GIS\Projects\2021\20210217\20210217_022400_P044_001_P044_001_SMP_A001.dwg - Figure 2.2B - Cell and Boring Locations, Industrial Development Area - 2021-02-17 15:56:11:00 - Created by: mital

Legend

- Soil Boring Location
- Lot Boundaries
- Currently Permitted Limit of Disturbance
- January 2025 Resampled Area

Sampling Cell Boundaries, categorized by approximate cut volume within each cell (CY)

- 2,000
- 4,000
- 6,000
- 8,000
- 10,000



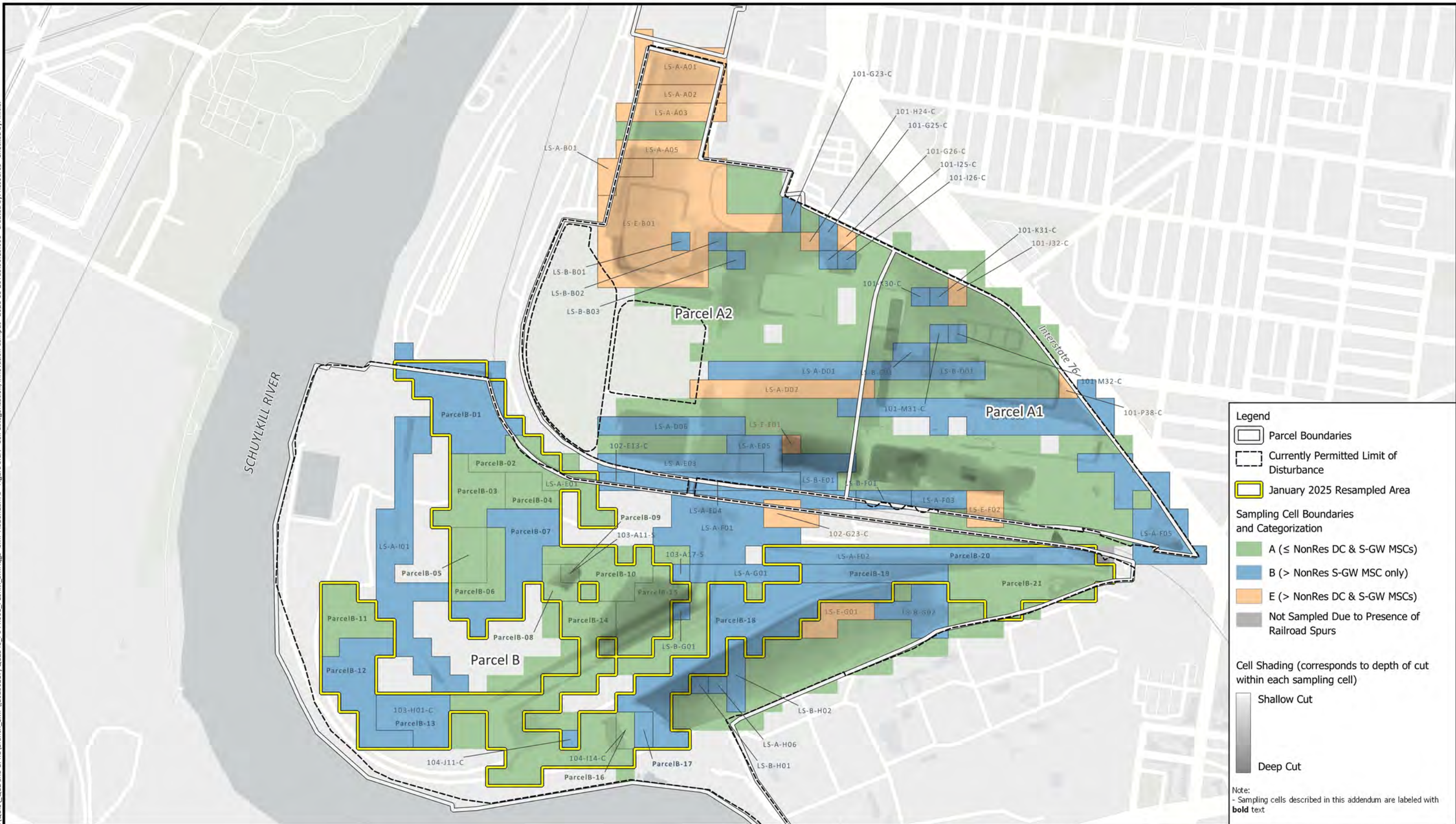
SAFETY FIRST

CLIENT: Bellwether District Holdings, LLC
 PROJECT: Soil Management Plan Addendum No. 8
 PROJECT NUMBER: P044.001.001

Soil Boring Locations and Cell Boundaries (Industrial Development Area)

FIGURE 2.2B

N:\GIS\Prj\044.001_PESRM-PES\OGIS\CGZ and GPKG\Branch_SMP\20250217\CGZ340_P044.001_PESRM_SMP.pptx - Cell Categorization, Innovation Campus - 2021-03-26T15:56:13.000 Created by: Resource Checked by: initial



Legend

- Parcel Boundaries
- Currently Permitted Limit of Disturbance
- January 2025 Resampled Area

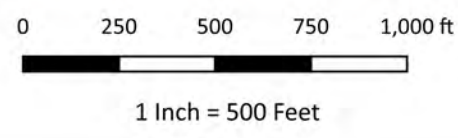
Sampling Cell Boundaries and Categorization

- A (≤ NonRes DC & S-GW MSCs)
- B (> NonRes S-GW MSC only)
- E (> NonRes DC & S-GW MSCs)
- Not Sampled Due to Presence of Railroad Spurs

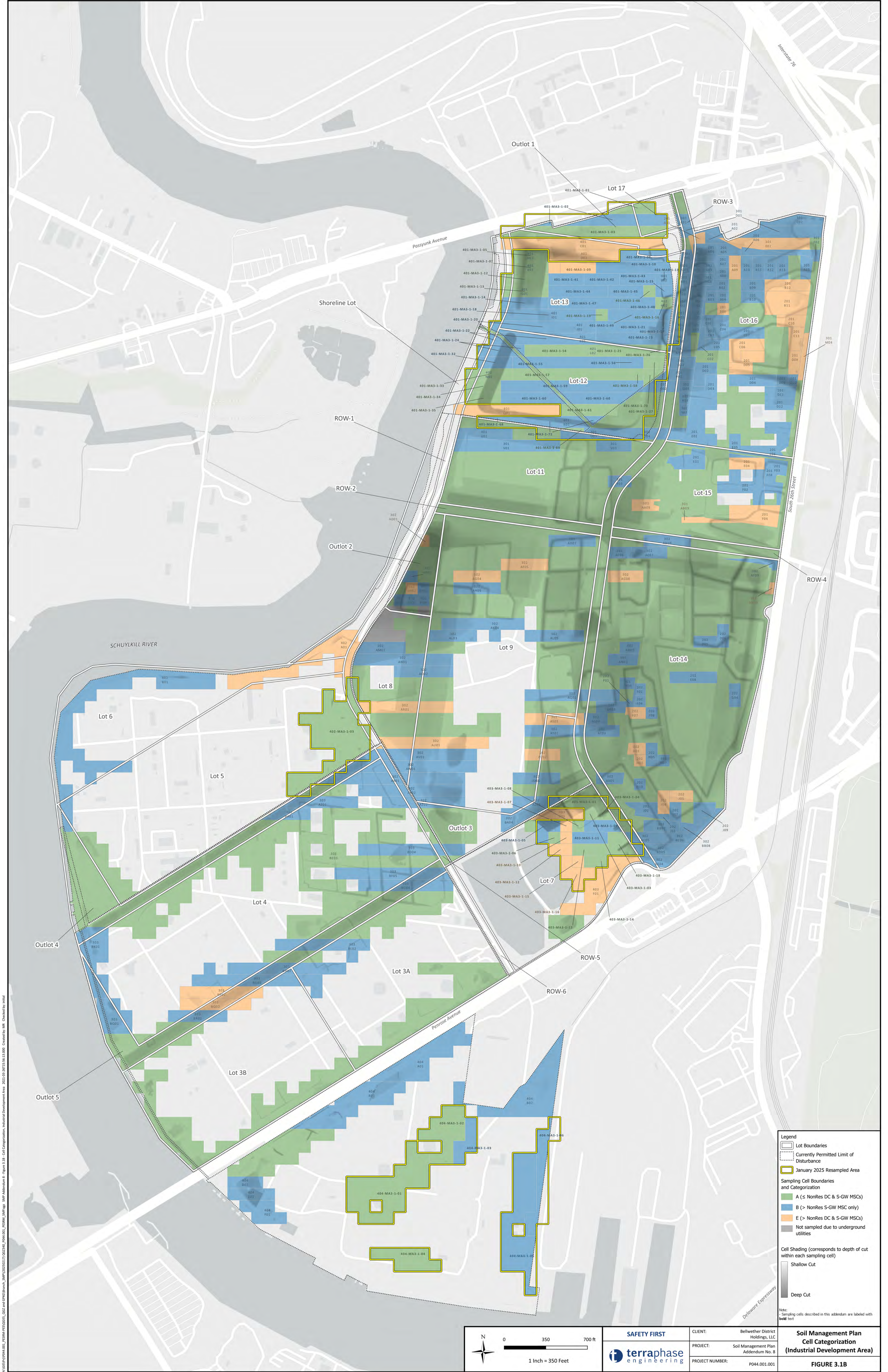
Cell Shading (corresponds to depth of cut within each sampling cell)

- Shallow Cut
- Deep Cut

Note:
- Sampling cells described in this addendum are labeled with **bold text**



 	CLIENT:	Bellwether District Holdings, LLC	Soil Management Plan Cell Categorization (Innovation Campus) FIGURE 3.1A
	PROJECT:	Soil Management Plan Addendum No. 8	
	PROJECT NUMBER:	P044.001.001	



M:\GIS\Projects\2021\20210217\20210217_002\Map_Series\20210217_002_Series_SMP_Accession_1_Figure 3.1B_Cat Categorization, Industrial Development Area_2021-03-26T15:56:13.000_Created by: WRT_Created by: WRT

Legend

- Lot Boundaries
- Currently Permitted Limit of Disturbance
- January 2025 Resampled Area

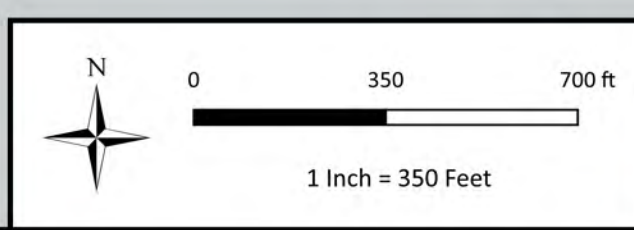
Sampling Cell Boundaries and Categorization

- A (≤ NonRes DC & S-GW MSCs)
- B (> NonRes S-GW MSC only)
- E (> NonRes DC & S-GW MSCs)
- Not sampled due to underground utilities

Cell Shading (corresponds to depth of cut within each sampling cell)

- Shallow Cut
- Deep Cut

Note: Sampling cells described in this addendum are labeled with bold text.

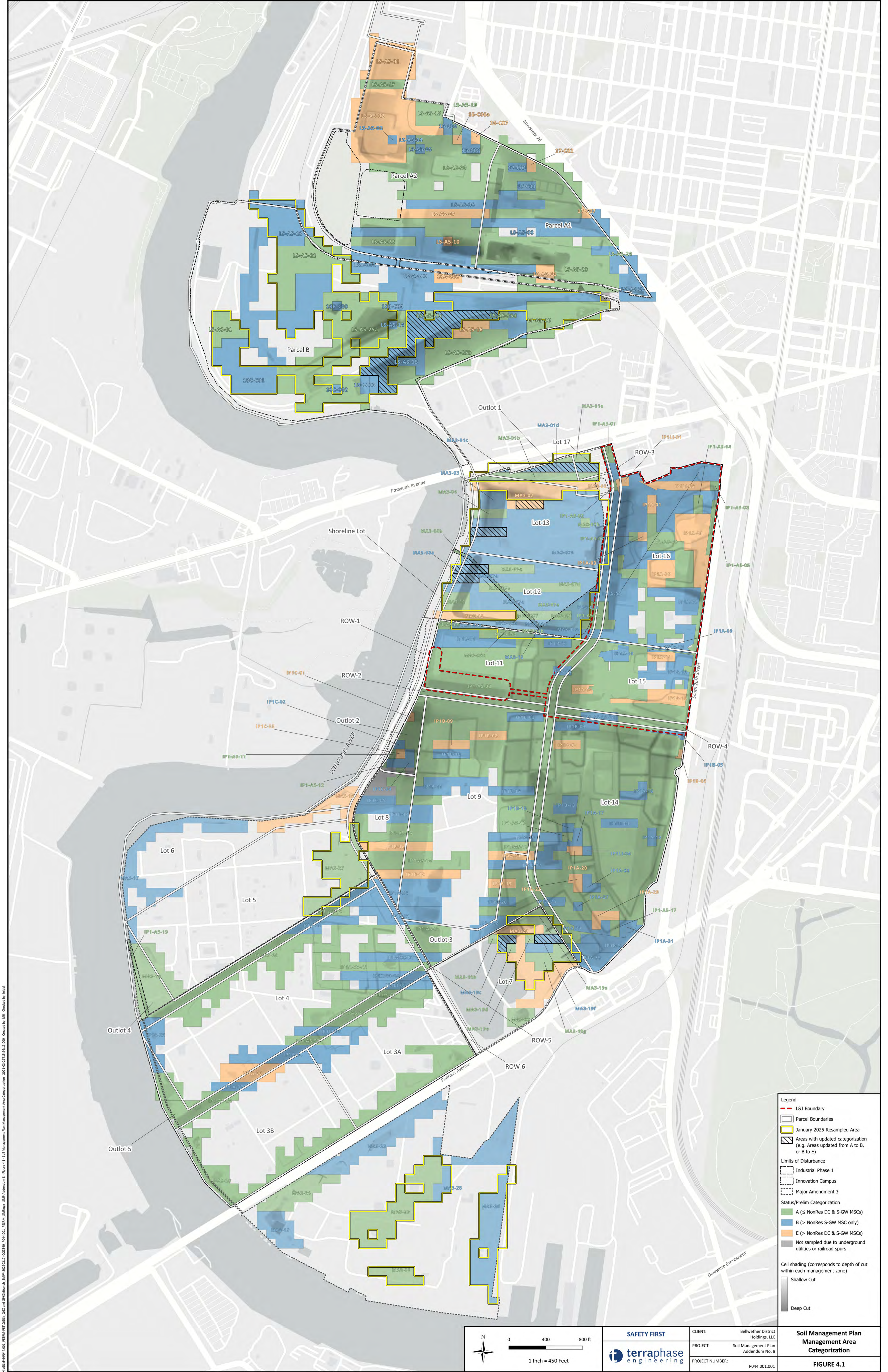


SAFETY FIRST

CLIENT: Bellwether District Holdings, LLC
 PROJECT: Soil Management Plan Addendum No. 8
 PROJECT NUMBER: P044.001.001

Soil Management Plan Cell Categorization (Industrial Development Area)

FIGURE 3.1B



Legend

- - - L&I Boundary
- ▭ Parcel Boundaries
- ▭ January 2025 Resampled Area
- ▨ Areas with updated categorization (e.g. Areas updated from A to B, or B to E)

Limits of Disturbance

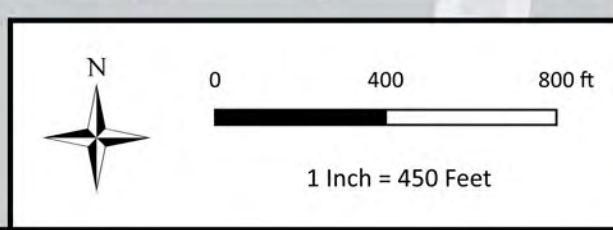
- ▭ Industrial Phase 1
- ▭ Innovation Campus
- ▭ Major Amendment 3

Status/Prelim Categorization

- A (≤ NonRes DC & S-GW MSCs)
- B (> NonRes S-GW MSC only)
- E (> NonRes DC & S-GW MSCs)
- Not sampled due to underground utilities or railroad spurs

Cell shading (corresponds to depth of cut within each management zone)

- Shallow Cut
- Deep Cut



SAFETY FIRST

terraperse engineering

CLIENT: Bellwether District Holdings, LLC
PROJECT: Soil Management Plan Addendum No. 8
PROJECT NUMBER: P044.001.001

Soil Management Plan Management Area Categorization

FIGURE 4.1

M:\GIS\Projects\044_001_PSMAMP\044_001_PSMAMP\044_001_PSMAMP_SMP_Addendum_8_Figure_4.1_Soil Management Plan Management Area Categorization_2021-03-20T15:56:11.000_Created by VIT

Tables

- 1.1 Development Component Functions
- 1.2 Soil Reuse Categories
- 1.3 Target Analyte List and Associated Soil Cleanup Standards
- 3.1a Stockpile or Cut Soil Discrete Analytical Results – VOCs (Innovation Campus)
- 3.1b Cut Soil Discrete Analytical Results – VOCs (Innovation Campus Parcel B)
- 3.1c Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1A)
- 3.1d Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1B)
- 3.1e Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1C)
- 3.1f Cut Soil Discrete Analytical Results – VOCs (Major Amendment 3 Limit of Disturbance)
- 3.1g Cut Soil Discrete Analytical Results – VOCs (Major Amendment 3 Limit of Disturbance Resampling)
- 3.2a Stockpile or Cut Soil Composite Analytical Results – PAHs and Lead (Innovation Campus)
- 3.2b Cut Soil Composite Analytical Results – PAHs and Lead (Innovation Campus Parcel B)
- 3.2c Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1A)
- 3.2d Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1B)
- 3.2e Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1C)
- 3.2f Cut Soil Composite Analytical Results – PAHs and Lead (Major Amendment 3 Limit of Disturbance)
- 3.2g Cut Soil Composite Analytical Results – PAHs and Lead (Major Amendment 3 Limit of Disturbance Resampling)
- 3.3 Underlying Soil Analytical Results (Innovation Campus)
- 3.4 Other Program’s Analytical Results Summary
- 4.1 Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates



Table 1.1
Development Component Functions
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC , Philadelphia, PA

Development Component	Exposure Barrier	Impervious Barrier
<i>Surface Soil Layer</i> Imported soil used in accessible areas at the ground surface will be subject to PADEP's Management of Fill Policy (PADEP 2020). Before using soil from the Site in accessible areas at the ground surface, a risk assessment will be conducted to demonstrates attainment of the Site-specific standard.	X	
<i>Building Slab</i> Minimum section will consist of 4 inches of concrete over 4 inches of aggregate subbase.	X	X
<i>Parking Lot</i> Minimum section will consist of 3.75 inches of concrete or asphalt over 4 inches of aggregate subbase.	X	X
<i>Roadway</i> Minimum section will consist of 5 inches of concrete and/or asphalt over 4 inches of aggregate subbase.	X	X
<i>Drive Aisle</i> Minimum section will consist of 5 inches of concrete or asphalt over 4 inches of aggregate subbase.	X	X

Table 1.2**Soil Reuse Categories****Soil Management Plan Addendum No. 8**

Bellwether District Holdings, LLC , Philadelphia, PA

Category	Description	Reuse Options ⁴
A	Concentrations of target analytes below nonresidential soil direct contact ^{1,3} and soil-to-groundwater ² MSCs.	(1) in areas beneath a surface cap that provides an exposure barrier (e.g., building slabs, parking lots, roadways, or imported soil) that will serve as an engineering control under Act 2, or (2) in areas not beneath a surface cap (e.g., as backfill in utility corridors or in landscaped areas) as long as a risk assessment demonstrates attainment of the Site-specific standard.
B	Concentrations of target analytes above nonresidential soil-to-groundwater numeric values ² but below the nonresidential direct contact numeric values ^{1,3} , where direct contact values are higher than the nonresidential soil-to-groundwater numeric values.	(1) in areas beneath an impervious surface cap (e.g., building slabs, parking lots, or roadways) that will serve as an engineering control under Act 2 at elevations above the groundwater table, or (2) in areas not beneath a surface cap that are more than 500 ft. from a shoreline (i.e., the edge of the Schuylkill River) as long as a risk assessment demonstrates attainment of the Site-specific standard.
C	Concentrations of target analytes above the nonresidential direct contact numeric values ^{1,3} but below the nonresidential soil-to-groundwater numeric values ² , where the soil-to-groundwater numeric values are higher than the nonresidential direct contact numeric values.	In areas beneath a surface cap that provides an exposure barrier (e.g., building slabs, parking lots, roadways, imported soil, or appropriate Site soil) that will serve as an engineering control under Act 2. ^{4,5}
D	Concentrations of target analytes above the nonresidential direct contact numeric values ^{1,3} but below site-specific leaching based soil standards (if derived by PESRM).	In areas beneath a surface cap that provides an exposure barrier (e.g., building slabs, parking lots, roadways, imported soil, or appropriate Site soil) that will serve as an engineering control under Act 2. ^{4,5}
E	Concentrations of target analytes above the nonresidential direct contact numeric values ^{1,3} and above both nonresidential soil-to-groundwater numeric values ² and site-specific leaching-based standards (if derived by PESRM).	Soil can be reused beneath an impervious surface cap (e.g., building slabs, parking lots, or roadways) that will serve as an engineering control under Act 2 at elevations above the groundwater table.

1 The non-residential soil direct contact numeric value (0-2 ft bgs) are the current PADEP values.

2 The non-residential soil to groundwater numeric value are the current PADEP values for non-residential use aquifer (TDS ≤ 2500) soil-to-groundwater numeric value.

3 The Site-specific standard developed by Langan (2015) for lead is greater than PADEP's current non-residential soil direct contact numeric value of 1,000 mg/kg. For the SMP, PADEP's current generic value was used.

4 Imported soil used as an exposure barrier will be subject to PADEP's (2020) Management of Fill Policy.

5 Soil from the Site will only be considered appropriate for use as an exposure barrier if a risk assessment demonstrates attainment of the Site-specific standard.

6 Relocated soil from the Site will likely all be placed at elevations above the groundwater table because existing grades are above the groundwater table and the objective of soil relocation is to raise grades in areas of current relative lower elevation.

Table 1.3
Target Analyte List and Associated Soil Cleanup Standards
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC , Philadelphia, PA

Analyte	USEPA Analytical Method	CASRN	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)
Volatile Organic Compounds				
Benzene	8260	71-43-2	280	0.5
1,2-Dibromoethane (EDB)	8260	106-93-4	3.7	0.005
1,2-Dichloroethane (EDC)	8260	107-06-2	85	0.5
Ethylbenzene	8260	100-41-4	880	70
Isopropylbenzene (Cumene)	8260	98-82-8	10,000	2,500
Methyl Tertiary Butyl Ether	8260	1634-04-4	8,500	2
Naphthalene	8270	91-20-3	66	25
Toluene	8260	108-88-3	10,000	100
1,2,4-Trimethylbenzene	8260	95-63-6	4,700	300
1,3,5-Trimethylbenzene	8260	108-67-8	4,700	93
Xylenes (Total)	8260	1330-20-7	7,900	1,000
Semi-Volatile Compounds				
Anthracene	8270	120-12-7	190,000	350
Benzo(a)anthracene	8270	56-55-3	130	340
Benzo(a)pyrene	8270	50-32-8	91	46
Benzo(b)fluoranthene	8270	205-99-2	76	170
Benzo(g,h,i)perylene	8270	191-24-2	190,000	180
Chrysene	8270	218-01-9	760	230
Fluorene	8270	86-73-7	130,000	3,800
Phenanthrene	8270	85-01-8	190,000	10,000
Pyrene	8270	129-00-0	96,000	2,200
Metals				
Lead	6010/6020	7439-92-1	1000	450

Notes:

- 1 The Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) are the current PADEP values.
- 2 The Non-Residential Soil to Groundwater Numeric Value are the current PADEP values for Non-Residential Use Aquifer (TDS ≤ 2500) Soil-to-Groundwater Numeric Value.
- 3 The Act 2 Standards are subject to change, and the Standards in effect at the time of an Act 2 report submittal will apply.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-A15-C-a 101-A15-C	101-D14-C-b 101-D14-C	101-D16-C-a 101-D16-C	101-D20-C-d 101-D20-C	101-E14-S-d 101-E14-S	101-F13-C-c 101-F13-C	101-G10-C-b 101-G10-C	101-G16-C-d 101-G16-C	101-G23-C-c 101-G23-C	101-G24-C-d 101-G24-C	101-G25-C-d 101-G25-C	101-G26-C-b 101-G26-C	101-H10-C-d 101-H10-C	101-H12-C-b 101-H12-C
Field Sample ID	Numeric Value	Numeric Value	101-A15-C-VOC	101-D14-C-VOC	101-D16-C-VOC	101-D20-C-VOC	101-E14-S-VOC	101-F13-C-VOC	101-G10-C-VOC	101-G16-C-VOC	101-G23-C-VOC	101-G24-C-VOC	101-G25-C-VOC	101-G26-C-VOC	101-H10-C-VOC	101-H12-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 1.05	0 - 1.99	0 - 0.99	0 - 3.64	0 - 6.14	0 - 1.14	0 - 6.26	0 - 4.91	0 - 5.08	0 - 4.25	0 - 7.87	0 - 5.01	0 - 6.26	0 - 0.55
Sample Date	(mg/kg)	(mg/kg)	1/4/2021	1/4/2021	1/4/2021	1/7/2021	1/6/2021	1/6/2021	1/5/2021	1/7/2021	1/15/2021	1/15/2021	1/15/2021	1/15/2021	1/5/2021	1/5/2021
VOC																
Benzene	280	0.5	U (0.00053)	0.2 (0.056)	0.00072 (0.00052)	U (0.00051)	0.0016 (0.00063)	U (0.00056)	U (0.00051)	0.00018 J (0.00039)	U (0.00055)	U (0.00051)	U (0.00056)	U (0.0011)	0.0021 (0.00061)	U (0.00071)
Cumene	10000	2500	U (0.0011)	0.38 (0.11)	0.0011 (0.001)	0.00029 J (0.001)	U (0.0013)	0.00024 J (0.0011)	0.0061 (0.001)	0.5 (0.075)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0022)	0.001 J (0.0012)	U (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.056)	U (0.00052)	U (0.00051)	U (0.00063)	U (0.00056)	U (0.00051)	U (0.00039)	U (0.00055)	U (0.00051)	U (0.00056)	U (0.0011)	U (0.00061)	U (0.00071)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.11)	U (0.001)	U (0.001)	U (0.0013)	U (0.0011)	0.00037 J (0.001)	U (0.00078)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0022)	U (0.0012)	U (0.0014)
Ethyl Benzene	880	70	U (0.0011)	1.1 (0.11)	0.00084 J (0.001)	0.00016 J (0.001)	U (0.0013)	U (0.0011)	U (0.001)	0.001 (0.00078)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0022)	0.00055 J (0.0012)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.22)	U (0.0021)	U (0.002)	U (0.0025)	U (0.0022)	U (0.002)	U (0.0016)	U (0.0022)	U (0.002)	U (0.0022)	U (0.0044)	U (0.0024)	U (0.0028)
Toluene	10000	100	U (0.0011)	0.28 (0.11)	0.00064 J (0.001)	U (0.001)	0.00074 J (0.0013)	U (0.0011)	U (0.001)	0.0022 (0.00078)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0022)	0.0016 (0.0012)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	2.4 (0.22)	0.0024 (0.0021)	U (0.002)	U (0.0025)	U (0.0022)	0.0014 J (0.002)	0.0089 (0.0016)	U (0.0022)	U (0.002)	U (0.0022)	U (0.0044)	0.00056 J (0.0024)	U (0.0028)
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	1.3 (0.22)	0.00069 J (0.0021)	0.00041 J (0.002)	U (0.0025)	U (0.0022)	0.00078 J (0.002)	0.0016 (0.0016)	U (0.0022)	U (0.002)	U (0.0022)	U (0.0044)	0.00091 J (0.0024)	U (0.0028)
Xylenes (total)	7900	1000	U (0.0021)	1.17 J (0.22)	0.00168 J (0.0021)	U (0.002)	U (0.0025)	U (0.0022)	U (0.002)	0.0103 J (0.0016)	U (0.0022)	U (0.002)	U (0.0022)	U (0.0044)	0.003 J (0.0024)	U (0.0028)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-H17-C-b 101-H17-C	101-H20-C-d 101-H20-C	101-H21-C-c 101-H21-C	101-H22-C-c 101-H22-C	101-H23-C-c 101-H23-C	101-H24-C-d 101-H24-C	101-H27-C-d 101-H27-C	101-H28-C-c 101-H28-C	101-I13-C-d 101-I13-C	101-I13-S-d 101-I13-S	101-I15-C-b 101-I15-C	101-I18-C-a 101-I18-C	101-I20-C-a 101-I20-C	101-I21-C-c 101-I21-C
Field Sample ID	Numeric Value	Numeric Value	101-H17-C-VOC	101-H20-C-VOC	101-H21-C-VOC	101-H22-C-VOC	101-H23-C-VOC	101-H24-C-VOC	101-H27-C-VOC	101-H28-C-VOC	101-I13-C-VOC	101-I13-S-VOC	101-I15-C-VOC	101-I18-C-VOC	101-I20-C-VOC	101-I21-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 3.97	0 - 5.18	0 - 4.86	0 - 5.49	0 - 5.86	0 - 6.93	0 - 4.15	0 - 6.08	6.14 - 9.07	0 - 6.14	0 - 6.64	0 - 3.05	0 - 4.62	0 - 4.61
Sample Date	(mg/kg)	(mg/kg)	1/7/2021	1/8/2021	1/8/2021	1/11/2021	1/11/2021	1/12/2021	1/18/2021	1/13/2021	1/5/2021	1/6/2021	1/6/2021	1/7/2021	1/7/2021	1/8/2021
VOC																
Benzene	280	0.5	0.47 (0.043)	0.00089 J (0.00094)	0.0014 (0.00071)	0.0044 (0.00084)	0.00036 J (0.00053)	0.004 (0.00062)	U (0.00057)	U (0.00042)	U (0.00068)	U (0.001)	U (0.064)	U (0.00065)	0.096 (0.046)	U (0.00069)
Cumene	10000	2500	7.1 (0.086)	0.0019 (0.0019)	0.00046 J (0.0014)	0.0011 J (0.0017)	0.00057 J (0.0011)	0.0031 (0.0012)	0.00013 J (0.0011)	U (0.00085)	U (0.0014)	U (0.0021)	0.027 J (0.13)	U (0.0013)	0.075 J (0.093)	U (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.043)	U (0.00094)	U (0.00071)	U (0.00084)	U (0.00053)	U (0.00062)	U (0.00057)	U (0.00042)	U (0.00068)	U (0.001)	U (0.064)	U (0.00065)	U (0.046)	U (0.00069)
1,2-Dichloroethane	85	0.5	U (0.086)	U (0.0019)	U (0.0014)	U (0.0017)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.00085)	U (0.0014)	U (0.0021)	U (0.13)	U (0.0013)	U (0.093)	U (0.0014)
Ethyl Benzene	880	70	0.27 (0.086)	0.00054 J (0.0019)	U (0.0014)	0.0012 J (0.0017)	U (0.0011)	0.0014 (0.0012)	U (0.0011)	U (0.00085)	U (0.0014)	U (0.0021)	0.027 J (0.13)	U (0.0013)	0.077 J (0.093)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.17)	U (0.0038)	U (0.0028)	U (0.0034)	U (0.0021)	U (0.0025)	U (0.0023)	U (0.0017)	U (0.0027)	U (0.0042)	U (0.26)	U (0.0026)	U (0.19)	U (0.0028)
Toluene	10000	100	0.36 (0.086)	0.001 J (0.0019)	U (0.0014)	0.0019 (0.0017)	U (0.0011)	0.0018 (0.0012)	U (0.0011)	U (0.00085)	U (0.0014)	U (0.0021)	0.11 J (0.13)	U (0.0013)	0.12 (0.093)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	8.7 (0.17)	0.00085 J (0.0038)	U (0.0028)	0.0012 J (0.0034)	U (0.0021)	0.0047 (0.0025)	U (0.0023)	U (0.0017)	U (0.0027)	0.00088 J (0.0042)	0.14 J (0.26)	U (0.0026)	0.24 (0.19)	U (0.0028)
1,3,5-Trimethylbenzene	4700	93	3.6 (0.17)	0.00069 J (0.0038)	U (0.0028)	0.0012 J (0.0034)	U (0.0021)	0.0018 J (0.0025)	0.00036 J (0.0023)	U (0.0017)	U (0.0027)	0.00041 J (0.0042)	0.037 J (0.26)	U (0.0026)	0.23 (0.19)	U (0.0028)
Xylenes (total)	7900	1000	3.6 J (0.17)	0.00176 J (0.0038)	U (0.0028)	0.0038 J (0.0034)	U (0.0021)	0.0042 J (0.0025)	U (0.0023)	U (0.0017)	U (0.0027)	U (0.0042)	U (0.26)	U (0.0026)	0.39 J (0.19)	U (0.0028)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-I22-C-c 101-I22-C	101-I23-C-c 101-I23-C	101-I24-C-b 101-I24-C	101-I25-C-b 101-I25-C	101-I26-C-a 101-I26-C	101-I29-C-b 101-I29-C	101-I30-C1-a 101-I30-C1	101-I30-C2-b 101-I30-C2	101-J13-C-b 101-J13-C	101-J17-C-c 101-J17-C	101-J20-C-b 101-J20-C	101-J21-C-b 101-J21-C	101-J23-C-d 101-J23-C	101-J26-C-a 101-J26-C
Field Sample ID	Numeric Value	Numeric Value	101-I22-C-VOC	101-I23-C-VOC	101-I24-C-VOC	101-I25-C-VOC	101-I26-C-VOC	101-I29-C-VOC	101-I30-C1-VOC	101-I30-C2-VOC	101-J13-C-VOC	101-J17-C-VOC	101-J20-C-VOC	101-J21-C-VOC	101-J23-C-VOC	101-J26-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 3.73	0 - 2.54	0 - 2.56	0 - 11.3	0 - 7.66	0 - 8.09	0 - 5.79	5.79 - 11.6	0 - 5.63	0 - 3.78	0 - 3.97	0 - 1.09	0 - 1.16	0 - 0.2
Sample Date	(mg/kg)	(mg/kg)	1/11/2021	1/11/2021	1/12/2021	1/12/2021	1/13/2021	3/10/2021	1/14/2021	1/14/2021	1/5/2021	1/6/2021	1/12/2021	1/8/2021	1/12/2021	1/13/2021
VOC																
Benzene	280	0.5	U (0.00053)	0.00036 J (0.00071)	U (0.00052)	0.49 (0.036)	3.8 (0.16)	U (0.00054)	U (0.00045)	U (0.00042)	0.0028 (0.00081)	0.17 (0.038)	U (0.00049)	U (0.00058)	U (0.00052)	0.00046 J (0.00077)
Cumene	10000	2500	U (0.0011)	U (0.0014)	U (0.001)	1.4 (0.073)	8.3 (0.33)	U (0.0011)	U (0.00091)	U (0.00083)	0.0011 J (0.0016)	0.79 (0.077)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0015)
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.00071)	U (0.00052)	U (0.036)	U (0.16)	U (0.00054)	U (0.00045)	U (0.00042)	U (0.00081)	U (0.038)	U (0.00049)	U (0.00058)	U (0.00052)	U (0.00077)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0014)	U (0.001)	U (0.073)	U (0.33)	U (0.0011)	U (0.00091)	U (0.00083)	U (0.0016)	U (0.077)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0015)
Ethyl Benzene	880	70	U (0.0011)	U (0.0014)	U (0.001)	0.5 (0.073)	20 (0.33)	U (0.0011)	U (0.00091)	U (0.00083)	0.00066 J (0.0016)	0.14 (0.077)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0015)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0028)	U (0.0021)	U (0.14)	U (0.66)	U (0.0022)	U (0.0018)	U (0.0017)	U (0.0032)	U (0.15)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0031)
Toluene	10000	100	U (0.0011)	U (0.0014)	U (0.001)	0.29 (0.073)	2.6 (0.33)	U (0.0011)	U (0.00091)	U (0.00083)	0.003 (0.0016)	0.14 (0.077)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0015)
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0028)	U (0.0021)	5.1 (0.14)	120 (6.6)	U (0.0022)	U (0.0018)	U (0.0017)	0.016 (0.0032)	0.06 J (0.15)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0031)
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0028)	U (0.0021)	1.2 (0.14)	35 (0.66)	U (0.0022)	U (0.0018)	U (0.0017)	0.0068 (0.0032)	0.024 J (0.15)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0031)
Xylenes (total)	7900	1000	U (0.0021)	U (0.0028)	U (0.0021)	1.34 J (0.14)	69 J (0.66)	U (0.0022)	U (0.0018)	U (0.0017)	0.0057 J (0.0032)	0.26 J (0.15)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0031)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-J27-C-b 101-J27-C	101-J28-C-a 101-J28-C	101-J29-C-a 101-J29-C	101-J31-C-c 101-J31-C	101-J32-C1-a 101-J32-C1	101-J32-C2-b 101-J32-C2	101-K20-C-c 101-K20-C	101-K21-C-c 101-K21-C	101-K23-C-a 101-K23-C	101-K26-C-b 101-K26-C	101-K29-C-d 101-K29-C	101-K30-C1-b 101-K30-C1	101-K30-C2-c 101-K30-C2	101-K31-C1-d 101-K31-C1
Field Sample ID	Numeric Value	Numeric Value	101-J27-C-VOC	101-J28-C-VOC	101-J29-C-VOC	101-J31-C-VOC	101-J32-C1-VOC	101-J32-C2-VOC	101-K20-C-VOC	101-K21-C-VOC	101-K23-C-VOC	101-K26-C-VOC	101-K29-C-VOC	101-K30-C1-VOC	101-K30-C2-VOC	101-K31-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 0.85	0 - 6.27	0 - 8.93	0 - 11.8	0 - 6.06	6.06 - 12.1	0 - 4.24	0 - 0.17	0 - 0.9	0 - 3.11	0 - 8.93	0 - 5.37	5.37 - 10.7	0 - 5.87
Sample Date	(mg/kg)	(mg/kg)	1/13/2021	1/13/2021	1/13/2021	1/14/2021	1/20/2021	1/20/2021	1/12/2021	1/12/2021	1/12/2021	1/13/2021	1/14/2021	1/14/2021	1/14/2021	1/14/2021
VOC																
Benzene	280	0.5	U (0.00054)	U (0.00055)	U (0.00048)	U (0.00049)	U (0.00054)	U (0.00066)	U (0.00046)	U (0.00081)	U (0.0005)	U (0.00041)	U (0.00068)	0.0076 J (0.019)	0.0032 (0.00048)	U (0.001)
Cumene	10000	2500	U (0.0011)	0.00016 J (0.0011)	U (0.00096)	U (0.00099)	U (0.0011)	U (0.0013)	U (0.00093)	U (0.0016)	U (0.001)	0.00013 J (0.00083)	U (0.0014)	0.011 J (0.039)	0.0074 (0.00095)	U (0.002)
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.00055)	U (0.00048)	U (0.00049)	U (0.00054)	U (0.00066)	U (0.00046)	U (0.00081)	U (0.0005)	U (0.00041)	U (0.00068)	U (0.019)	U (0.00048)	U (0.001)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0011)	U (0.00096)	U (0.00099)	U (0.0011)	U (0.0013)	U (0.00093)	U (0.0016)	U (0.001)	U (0.00083)	U (0.0014)	U (0.039)	U (0.00095)	U (0.002)
Ethyl Benzene	880	70	U (0.0011)	U (0.0011)	U (0.00096)	U (0.00099)	U (0.0011)	U (0.0013)	U (0.00093)	U (0.0016)	U (0.001)	U (0.00083)	U (0.0014)	0.013 J (0.039)	0.0023 (0.00095)	U (0.002)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0026)	U (0.0018)	U (0.0032)	U (0.002)	U (0.0016)	U (0.0027)	U (0.077)	U (0.0019)	U (0.004)
Toluene	10000	100	U (0.0011)	U (0.0011)	U (0.00096)	U (0.00099)	U (0.0011)	U (0.0013)	U (0.00093)	U (0.0016)	U (0.001)	U (0.00083)	U (0.0014)	0.035 J (0.039)	0.00098 (0.00095)	U (0.002)
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0026)	U (0.0018)	U (0.0032)	U (0.002)	0.0021 (0.0016)	U (0.0027)	0.12 (0.077)	0.00069 J (0.0019)	U (0.004)
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0026)	U (0.0018)	U (0.0032)	U (0.002)	0.00092 J (0.0016)	U (0.0027)	0.12 (0.077)	0.00025 J (0.0019)	U (0.004)
Xylenes (total)	7900	1000	U (0.0021)	U (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0026)	U (0.0018)	U (0.0032)	U (0.002)	U (0.0016)	U (0.0027)	0.0625 J (0.077)	0.0032 J (0.0019)	U (0.004)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-K31-C2-b 101-K31-C2	101-K33-C-d 101-K33-C	101-K34-C1-b 101-K34-C1	101-K34-C2-b 101-K34-C2	101-L29-C-c 101-L29-C	101-L30-C1-a 101-L30-C1	101-L30-C2-a 101-L30-C2	101-L31-C1-c 101-L31-C1	101-L31-C2-b 101-L31-C2	101-L32-C1-a 101-L32-C1	101-L32-C2-a 101-L32-C2	101-L32-S-a 101-L32-S	101-L33-C1-d 101-L33-C1	101-L33-C2-d 101-L33-C2
Field Sample ID	Numeric Value	Numeric Value	101-K31-C2-VOC	101-K33-C-VOC	101-K34-C1-VOC	101-K34-C2-VOC	101-L29-C-VOC	101-L30-C1-VOC	101-L30-C2-VOC	101-L31-C1-VOC	101-L31-C2-VOC	101-L32-C1-VOC	101-L32-C2-VOC	101-L32-S-VOC	101-L33-C1-VOC	101-L33-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		5.87 - 11.7	0 - 12.4	0 - 5.8	5.8 - 11.6	0 - 7.55	0 - 4.43	4.43 - 8.86	0 - 5.19	5.19 - 10.4	3.14 - 8.61	8.61 - 14.1	0 - 3.14	0 - 5.75	5.75 - 11.5
Sample Date	(mg/kg)	(mg/kg)	1/14/2021	1/20/2021	1/20/2021	1/20/2021	1/14/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/20/2021	1/20/2021	1/20/2021
VOC																
Benzene	280	0.5	U (0.0007)	0.21 (0.052)	0.00023 J (0.0007)	U (0.0011)	U (0.00053)	0.00019 J (0.00046)	0.12 (0.028)	U (0.00045)	U (0.00059)	U (0.00065)	U (0.00062)	U (0.00053)	0.015 J (0.038)	0.051 (0.046)
Cumene	10000	2500	U (0.0014)	3.8 (0.1)	0.0012 J (0.0014)	U (0.0022)	U (0.0011)	U (0.00092)	1 (0.057)	U (0.0009)	0.014 (0.0012)	0.00088 J (0.0013)	U (0.0012)	U (0.0011)	0.93 (0.077)	0.99 (0.092)
1,2-Dibromoethane	3.7	0.005	U (0.0007)	U (0.052)	U (0.0007)	U (0.0011)	U (0.00053)	U (0.00046)	U (0.028)	U (0.00045)	U (0.00059)	U (0.00065)	U (0.00062)	U (0.00053)	U (0.038)	U (0.046)
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.1)	U (0.0014)	U (0.0022)	U (0.0011)	U (0.00092)	U (0.057)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.077)	U (0.092)
Ethyl Benzene	880	70	U (0.0014)	6.7 (0.1)	0.00061 J (0.0014)	U (0.0022)	U (0.0011)	U (0.00092)	1.9 (0.057)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0011)	0.05 J (0.077)	0.18 (0.092)
Methyl tert-butyl ether	8500	2	U (0.0028)	U (0.21)	U (0.0028)	U (0.0043)	U (0.0021)	U (0.0018)	U (0.11)	U (0.0018)	U (0.0024)	U (0.0026)	U (0.0025)	U (0.0021)	U (0.15)	U (0.18)
Toluene	10000	100	U (0.0014)	4.7 (0.1)	U (0.0014)	U (0.0022)	U (0.0011)	U (0.00092)	0.12 (0.057)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.077)	0.19 (0.092)
1,2,4-Trimethylbenzene	4700	300	U (0.0028)	55 (0.82)	0.0029 (0.0028)	U (0.0043)	U (0.0021)	U (0.0018)	0.37 (0.11)	U (0.0018)	0.0024 (0.0024)	0.0024 J (0.0026)	U (0.0025)	U (0.0021)	0.05 J (0.15)	0.13 J (0.18)
1,3,5-Trimethylbenzene	4700	93	U (0.0028)	14 (0.21)	0.00075 J (0.0028)	U (0.0043)	U (0.0021)	U (0.0018)	0.14 (0.11)	U (0.0018)	0.00069 J (0.0024)	0.001 J (0.0026)	U (0.0025)	U (0.0021)	U (0.15)	0.034 J (0.18)
Xylenes (total)	7900	1000	U (0.0028)	35 J (0.21)	0.01 J (0.0028)	U (0.0043)	U (0.0021)	U (0.0018)	0.38 J (0.11)	U (0.0018)	0.0027 J (0.0024)	0.00188 J (0.0026)	U (0.0025)	U (0.0021)	0.338 J (0.15)	0.57 J (0.18)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-L34-S-b 101-L34-S	101-L35-C1-c 101-L35-C1	101-L35-C2-d 101-L35-C2	101-M26-C-a 101-M26-C	101-M28-C-d 101-M28-C	101-M29-C-d 101-M29-C	101-M30-C-a 101-M30-C	101-M31-C-d 101-M31-C	101-M32-C1-d 101-M32-C1	101-M32-C2-d 101-M32-C2	101-M33-C1-d 101-M33-C1	101-M33-C2-c 101-M33-C2	101-M34-C1-a 101-M34-C1	101-M34-C2-a 101-M34-C2
Field Sample ID	Numeric Value	Numeric Value	101-L34-S-VOC	101-L35-C1-VOC	101-L35-C2-VOC	101-M26-C-VOC	101-M28-C-VOC	101-M29-C-VOC	101-M30-C-VOC	101-M31-C-VOC	101-M32-C1-VOC	101-M32-C2-VOC	101-M33-C1-VOC	101-M33-C2-VOC	101-M34-C1-VOC	101-M34-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 3.11	0 - 3.55	3.55 - 7.09	0 - 2.18	0 - 3.58	0 - 3.83	0 - 4.42	0 - 4.82	0 - 4.37	4.37 - 8.73	0 - 4.63	4.63 - 9.25	0 - 4.63	4.63 - 9.26
Sample Date	(mg/kg)	(mg/kg)	1/21/2021	1/21/2021	1/21/2021	1/13/2021	1/15/2021	1/14/2021	1/18/2021	1/18/2021	1/19/2021	1/19/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021
VOC																
Benzene	280	0.5	U (0.00048)	U (0.0011)	U (0.26) 0.00042 J (0.00044)	0.00087 (0.00055)	U (0.00044)	0.0014 (0.00065)	U (0.00049)	0.016 (0.00058)	0.0005 J (0.00079)	0.24 (0.054)	U (0.028)	U (0.00067)	0.14 (0.074)	
Cumene	10000	2500	U (0.00097)	U (0.0022)	1.9 (0.53) 0.012 (0.00088)	U (0.0011)	0.026 (0.00088)	U (0.0013)	0.0013 (0.00098)	0.084 (0.0012)	U (0.0016)	6.6 (0.11)	3.5 (0.057)	0.0035 (0.0013)	2.4 (0.15)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.0011)	U (0.26) U (0.00044)	U (0.00055)	U (0.00044)	U (0.00065)	U (0.00049)	U (0.00058)	U (0.00079)	U (0.054)	U (0.028)	U (0.00067)	U (0.074)	
1,2-Dichloroethane	85	0.5	U (0.00097)	U (0.0022)	U (0.53) U (0.00088)	U (0.0011)	U (0.00088)	U (0.0013)	U (0.00098)	U (0.0012)	U (0.0016)	U (0.11)	U (0.057)	U (0.0013)	U (0.15)	
Ethyl Benzene	880	70	U (0.00097)	U (0.0022)	0.83 (0.53) 0.00023 J (0.00088)	U (0.0011)	0.00013 J (0.00088)	U (0.0013)	U (0.00098)	0.011 (0.0012)	U (0.0016)	0.11 (0.11)	0.02 J (0.057)	U (0.0013)	1.2 (0.15)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0043)	U (1.1) U (0.0018)	U (0.0022)	U (0.0018)	U (0.0026)	U (0.002)	U (0.0023)	U (0.0032)	U (0.21)	U (0.11)	U (0.0027)	U (0.3)	
Toluene	10000	100	U (0.00097)	U (0.0022)	0.4 J (0.53) U (0.00088)	U (0.0011)	U (0.00088)	U (0.0013)	U (0.00098)	0.0078 (0.0012)	U (0.0016)	0.13 (0.11)	U (0.057)	U (0.0013)	0.43 (0.15)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0043)	0.78 J (1.1) 0.00043 J (0.0018)	U (0.0022)	U (0.0018)	U (0.0026)	U (0.002)	0.027 (0.0023)	U (0.0032)	0.53 (0.21)	0.16 (0.11)	0.0014 J (0.0027)	22 (0.3)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0043)	U (1.1) U (0.0018)	U (0.0022)	U (0.0018)	U (0.0026)	U (0.002)	0.016 (0.0023)	U (0.0032)	0.21 (0.21)	0.16 (0.11)	0.00074 J (0.0027)	6.8 (0.3)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.0043)	1.35 J (1.1) 0.00328 J (0.0018)	U (0.0022)	0.002 J (0.0018)	U (0.0026)	0.0043 J (0.002)	0.0198 J (0.0023)	U (0.0032)	0.74 J (0.21)	0.255 J (0.11)	U (0.0027)	6 J (0.3)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-M36-C-a 101-M36-C	101-N29-C-d 101-N29-C	101-N31-C-b 101-N31-C	101-N32-C-c 101-N32-C	101-N33-C-b 101-N33-C	101-N34-C-d 101-N34-C	101-N35-C-d 101-N35-C	101-O28-C-b 101-O28-C	101-O29-C-a 101-O29-C	101-O30-C-b 101-O30-C	101-O31-C-d 101-O31-C	101-O33-S-b 101-O33-S	101-O34-C-d 101-O34-C	101-O36-C-c 101-O36-C
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	101-M36-C-VOC	101-N29-C-VOC	101-N31-C-VOC	101-N32-C-VOC	101-N33-C-VOC	101-N34-C-VOC	101-N35-C-VOC	101-O28-C-VOC	101-O29-C-VOC	101-O30-C-VOC	101-O31-C-VOC	101-O33-S-VOC	101-O34-C-VOC	101-O36-C-VOC
Collection Depth (ft bgs)	0 - 4.03	0 - 4.03	0 - 4.03	0 - 3.94	0 - 1.95	0 - 1.94	0 - 5.06	0 - 5.07	0 - 3.94	0 - 2.5	0 - 2.71	0 - 2.8	0 - 1.47	0 - 2.8	0 - 1.91	0 - 4.43
Sample Date	(mg/kg)	(mg/kg)	1/21/2021	1/15/2021	1/18/2021	1/18/2021	1/18/2021	1/19/2021	1/21/2021	1/15/2021	1/15/2021	1/22/2021	1/18/2021	1/22/2021	1/22/2021	1/22/2021
VOC																
Benzene	280	0.5	0.44 (0.049)	0.32 (0.09)	0.0011 (0.00053)	0.27 (0.12)	U (0.00068)	U (0.00047)	U (0.00051)	U (0.00058)	0.0068 (0.00079)	0.00027 J (0.00071)	U (0.00051)	U (0.00054)	U (0.00042)	U (0.03)
Cumene	10000	2500	8.7 (0.098)	3.2 (0.18)	0.014 (0.001)	0.92 (0.24)	0.05 (0.0014)	U (0.00094)	U (0.0001)	U (0.0012)	U (0.0016)	U (0.0014)	U (0.001)	U (0.0011)	U (0.00084)	0.013 J (0.06)
1,2-Dibromoethane	3.7	0.005	U (0.049)	U (0.09)	U (0.00053)	U (0.12)	U (0.00068)	U (0.00047)	U (0.00051)	U (0.00058)	U (0.00079)	U (0.00071)	U (0.00051)	U (0.00054)	U (0.00042)	U (0.03)
1,2-Dichloroethane	85	0.5	U (0.098)	U (0.18)	U (0.001)	U (0.24)	U (0.0014)	U (0.00094)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0014)	U (0.001)	U (0.0011)	U (0.00084)	U (0.06)
Ethyl Benzene	880	70	0.085 J (0.098)	0.15 J (0.18)	0.00035 J (0.001)	0.07 J (0.24)	0.00041 J (0.0014)	U (0.00094)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0014)	U (0.001)	U (0.0011)	U (0.00084)	U (0.06)
Methyl tert-butyl ether	8500	2	U (0.2)	U (0.36)	U (0.0021)	U (0.49)	U (0.0027)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0032)	U (0.0028)	U (0.002)	U (0.0022)	U (0.0017)	U (0.12)
Toluene	10000	100	0.42 (0.098)	0.29 (0.18)	0.001 (0.001)	0.17 J (0.24)	U (0.0014)	U (0.00094)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0014)	U (0.001)	U (0.0011)	U (0.00084)	U (0.06)
1,2,4-Trimethylbenzene	4700	300	0.079 J (0.2)	35 (0.36)	0.0005 J (0.0021)	U (0.49)	0.018 (0.0027)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0032)	U (0.0028)	U (0.002)	U (0.0022)	U (0.0017)	U (0.12)
1,3,5-Trimethylbenzene	4700	93	U (0.2)	8.9 (0.36)	U (0.0021)	U (0.49)	0.0099 (0.0027)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0032)	U (0.0028)	U (0.002)	U (0.0022)	U (0.0017)	U (0.12)
Xylenes (total)	7900	1000	0.4 J (0.2)	1.96 J (0.36)	0.0022 J (0.0021)	U (0.49)	0.0101 J (0.0027)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0032)	U (0.0028)	U (0.002)	U (0.0022)	U (0.0017)	U (0.12)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-O37-C-d 101-O37-C	101-P12-C1-a 101-P12-C1	101-P12-C2-a 101-P12-C2	101-P31-C1-a 101-P31-C1	101-P31-C2-d 101-P31-C2	101-P35-C-d 101-P35-C	101-P36-C-c 101-P36-C	101-P36-S-a 101-P36-S	101-P37-C-b 101-P37-C	101-P38-C-b 101-P38-C	101-Q37-C-c 101-Q37-C	101-Q38-C-c 101-Q38-C	101-Q39-C-a 101-Q39-C	101-R23-S-d 101-R23-S
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	0 - 4.02	0 - 2.17	2.17 - 4.33	0 - 4.85	4.85 - 9.69	0 - 2.66	1.31 - 5.45	0 - 1.31	0 - 6.8	0 - 3.39	0 - 6.8	0 - 5.33	0 - 0.57	0 - 1.05
Collection Depth (ft bgs)	Sample Date	Sample Date	1/25/2021	2/10/2021	2/10/2021	1/25/2021	1/25/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/25/2021	1/25/2021	1/25/2021	1/25/2021	2/8/2021
VOC																
Benzene	280	0.5	U (0.00084)	0.00023 J (0.00055)	0.0003 J (0.0005)	U (0.044)	U (0.032)	0.00033 J (0.00081)	U (0.0005)	U (0.00094)	0.0031 (0.00094)	U (0.00044)	0.11 (0.035)	U (0.00047)	U (0.00046)	0.00054 (0.00048)
Cumene	10000	2500	U (0.0017)	0.00096 J (0.0011)	U (0.001)	0.67 (0.089)	0.8 (0.064)	0.0014 J (0.0016)	0.0043 (0.001)	U (0.0019)	U (0.0019)	U (0.00089)	0.08 (0.07)	U (0.00094)	U (0.00093)	0.0019 (0.00097)
1,2-Dibromoethane	3.7	0.005	U (0.00084)	U (0.00055)	U (0.0005)	U (0.044)	U (0.032)	U (0.00081)	U (0.0005)	U (0.00094)	U (0.00094)	U (0.00044)	U (0.035)	U (0.00047)	U (0.00046)	U (0.00048)
1,2-Dichloroethane	85	0.5	U (0.0017)	U (0.0011)	U (0.001)	U (0.089)	U (0.064)	U (0.0016)	U (0.001)	U (0.0019)	U (0.0019)	U (0.00089)	U (0.07)	U (0.00094)	U (0.00093)	U (0.00097)
Ethyl Benzene	880	70	U (0.0017)	0.00081 J (0.0011)	U (0.001)	0.022 J (0.089)	U (0.064)	U (0.0016)	U (0.001)	U (0.0019)	0.00049 J (0.0019)	U (0.00089)	0.16 (0.07)	U (0.00094)	U (0.00093)	U (0.00097)
Methyl tert-butyl ether	8500	2	U (0.0033)	U (0.0022)	U (0.002)	U (0.18)	U (0.13)	U (0.0032)	U (0.002)	U (0.0038)	U (0.0038)	U (0.0018)	U (0.14)	U (0.0019)	U (0.0019)	U (0.0019)
Toluene	10000	100	U (0.0017)	U (0.0011)	U (0.001)	0.077 J (0.089)	U (0.064)	U (0.0016)	U (0.001)	U (0.0019)	0.0085 (0.0019)	U (0.00089)	U (0.07)	U (0.00094)	U (0.00093)	U (0.00097)
1,2,4-Trimethylbenzene	4700	300	U (0.0033)	0.00047 J (0.0022)	U (0.002)	0.11 J (0.18)	U (0.13)	0.00089 J (0.0032)	0.00082 J (0.002)	U (0.0038)	0.0059 (0.0038)	U (0.0018)	0.048 J (0.14)	0.00076 J (0.0019)	U (0.0019)	U (0.0019)
1,3,5-Trimethylbenzene	4700	93	0.00032 J (0.0033)	U (0.0022)	U (0.002)	0.024 J (0.18)	0.029 J (0.13)	0.00049 J (0.0032)	0.00058 J (0.002)	U (0.0038)	0.0075 (0.0038)	U (0.0018)	0.023 J (0.14)	U (0.0019)	U (0.0019)	U (0.0019)
Xylenes (total)	7900	1000	U (0.0033)	0.00248 J (0.0022)	U (0.002)	0.436 J (0.18)	0.142 J (0.13)	0.0023 J (0.0032)	0.0022 J (0.002)	U (0.0038)	0.00275 J (0.0038)	U (0.0018)	0.206 J (0.14)	0.00465 J (0.0019)	U (0.0019)	U (0.0019)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-R38-C-a 101-R38-C	101-S22-S-c 101-S22-S	101-S23-C-d 101-S23-C	101-S23-S-d 101-S23-S	101-S24-C-c 101-S24-C	101-S24-S-b 101-S24-S	101-S25-C-d 101-S25-C	101-S25-S-d 101-S25-S	101-S26-C-c 101-S26-C	101-S26-S-b 101-S26-S	101-S27-S-d 101-S27-S	101-S28-C-b 101-S28-C	101-S29-S-c 101-S29-S	101-S30-C-b 101-S30-C
Field Sample ID	Numeric Value	Numeric Value	0 - 0.57	0 - 12.7	17.1 - 21	0 - 17.1	13.1 - 16.3	0 - 13.1	10.1 - 13.7	0 - 10.1	5.99 - 10	0 - 5.99	0 - 8.27	0 - 7.09	0 - 10.8	0 - 8.27
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	1/25/2021	2/10/2021	2/9/2021	2/9/2021	2/5/2021	2/5/2021	2/5/2021	2/5/2021	2/8/2021	2/8/2021	2/4/2021	2/4/2021	2/4/2021	1/27/2021
VOC																
Benzene	280	0.5	U (0.00049)	U (0.03)	0.051 (0.028)	0.045 (0.024)	0.032 (0.028)	U (0.036)	0.11 (0.036)	0.012 J (0.03)	U (0.026)	0.012 J (0.025)	U (0.00048)	0.02 J (0.028)	0.013 J (0.03)	0.00081 (0.00048)
Cumene	10000	2500	U (0.00098)	0.76 (0.059)	0.2 (0.056)	2.1 (0.048)	0.38 (0.055)	0.59 (0.072)	1.1 (0.072)	0.038 J (0.06)	0.75 (0.052)	0.76 (0.051)	0.026 (0.00096)	0.099 (0.056)	0.28 (0.059)	0.005 (0.00096)
1,2-Dibromoethane	3.7	0.005	U (0.00049)	U (0.03)	U (0.028)	U (0.024)	U (0.028)	U (0.036)	U (0.036)	U (0.03)	U (0.026)	U (0.025)	U (0.00048)	U (0.028)	U (0.03)	U (0.00048)
1,2-Dichloroethane	85	0.5	U (0.00098)	U (0.059)	U (0.056)	U (0.048)	U (0.055)	U (0.072)	U (0.072)	U (0.06)	U (0.052)	U (0.051)	U (0.00096)	U (0.056)	U (0.059)	U (0.00096)
Ethyl Benzene	880	70	U (0.00098)	U (0.059)	0.021 J (0.056)	0.035 J (0.048)	0.029 J (0.055)	U (0.072)	0.71 (0.072)	0.021 J (0.06)	0.011 J (0.052)	0.008 J (0.051)	U (0.00096)	0.02 J (0.056)	0.0097 J (0.059)	0.00079 J (0.00096)
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.12)	U (0.11)	U (0.096)	U (0.11)	U (0.14)	U (0.14)	U (0.12)	U (0.1)	U (0.1)	U (0.0019)	U (0.11)	U (0.12)	U (0.0019)
Toluene	10000	100	U (0.00098)	U (0.059)	0.11 (0.056)	0.026 J (0.048)	0.032 J (0.055)	U (0.072)	0.087 (0.072)	U (0.06)	U (0.052)	U (0.051)	U (0.00096)	U (0.056)	U (0.059)	0.0013 (0.00096)
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.12)	0.028 J (0.11)	0.071 J (0.096)	0.037 J (0.11)	U (0.14)	8.3 (0.14)	U (0.12)	0.022 J (0.1)	0.027 J (0.1)	U (0.0019)	0.03 J (0.11)	0.069 J (0.12)	0.00036 J (0.0019)
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.12)	0.036 J (0.11)	0.098 (0.096)	0.026 J (0.11)	U (0.14)	8.9 (0.14)	U (0.12)	U (0.1)	U (0.1)	U (0.0019)	0.013 J (0.11)	0.021 J (0.12)	0.00024 J (0.0019)
Xylenes (total)	7900	1000	U (0.002)	0.073 J (0.12)	0.199 J (0.11)	0.2 J (0.096)	0.087 J (0.11)	U (0.14)	1.25 J (0.14)	U (0.12)	0.09 J (0.1)	0.058 J (0.1)	0.006 J (0.0019)	0.077 J (0.11)	0.1165 J (0.12)	0.00163 J (0.0019)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-T23-S-b 101-T23-S	101-T24-C-a 101-T24-C	101-T24-S-c 101-T24-S	101-T25-S-a 101-T25-S	101-T26-C-a 101-T26-C	101-T26-S-c 101-T26-S	101-T27-S-c 101-T27-S	101-T28-C-b 101-T28-C	101-T28-S-b 101-T28-S	101-T29-C-b 101-T29-C	101-T29-S-a 101-T29-S	101-T30-C-b 101-T30-C	101-T30-S-c 101-T30-S	101-T31-C-a 101-T31-C
Field Sample ID	Numeric Value	Numeric Value	101-T23-S-VOC	101-T24-C-VOC	101-T24-S-VOC	101-T25-S-VOC	101-T26-C-VOC	101-T26-S-VOC	101-T27-S-VOC	101-T28-C-VOC	101-T28-S-VOC	101-T29-C-VOC	101-T29-S-VOC	101-T30-C-VOC	101-T30-S-VOC	101-T31-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 17.1	5.95 - 8.05	0 - 5.95	0 - 13.5	15 - 16.3	0 - 15	0 - 12.6	4.18 - 7.77	0 - 4.18	7.98 - 13.4	0 - 7.98	4.51 - 8.18	0 - 4.51	4.25 - 7.92
Sample Date	(mg/kg)	(mg/kg)	2/9/2021	2/10/2021	2/9/2021	2/10/2021	2/4/2021	2/8/2021	2/4/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	1/28/2021
VOC																
Benzene	280	0.5	0.04 (0.027)	0.015 J (0.026)	U (0.026)	U (0.026)	0.035 (0.029)	0.22 (0.033)	0.0082 J (0.025)	U (0.022)	U (0.023)	U (0.029)	U (0.024)	0.015 J (0.028)	U (0.03)	0.012 J (0.027)
Cumene	10000	2500	0.072 (0.054)	0.12 (0.051)	0.15 (0.052)	0.24 (0.053)	2.2 (0.058)	3.4 (0.067)	1.2 (0.049)	0.5 (0.044)	0.91 (0.045)	0.017 J (0.058)	0.083 (0.049)	0.38 (0.055)	0.41 (0.059)	0.98 (0.053)
1,2-Dibromoethane	3.7	0.005	0.024 J (0.027)	U (0.026)	U (0.026)	U (0.026)	U (0.029)	0.061 (0.033)	U (0.025)	U (0.022)	U (0.023)	U (0.029)	U (0.024)	U (0.028)	U (0.03)	U (0.027)
1,2-Dichloroethane	85	0.5	U (0.054)	U (0.051)	U (0.052)	U (0.053)	U (0.058)	U (0.067)	U (0.049)	U (0.044)	U (0.045)	U (0.058)	U (0.049)	U (0.055)	U (0.059)	U (0.053)
Ethyl Benzene	880	70	0.072 (0.054)	0.011 J (0.051)	U (0.052)	U (0.053)	0.044 J (0.058)	0.22 (0.067)	0.013 J (0.049)	0.0098 J (0.044)	0.0073 J (0.045)	U (0.058)	U (0.049)	0.014 J (0.055)	0.015 J (0.059)	0.037 J (0.053)
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.1)	U (0.1)	U (0.1)	U (0.12)	U (0.13)	U (0.099)	U (0.088)	U (0.091)	U (0.12)	U (0.098)	U (0.11)	U (0.12)	U (0.11)
Toluene	10000	100	U (0.054)	U (0.051)	U (0.052)	U (0.053)	0.036 J (0.058)	0.18 (0.067)	U (0.049)	U (0.044)	U (0.045)	U (0.058)	U (0.049)	U (0.055)	U (0.059)	0.038 J (0.053)
1,2,4-Trimethylbenzene	4700	300	U (0.11)	U (0.1)	U (0.1)	U (0.1)	0.093 J (0.12)	0.15 (0.13)	U (0.099)	U (0.088)	0.023 J (0.091)	U (0.12)	U (0.098)	0.03 J (0.11)	0.3 (0.12)	0.05 J (0.11)
1,3,5-Trimethylbenzene	4700	93	U (0.11)	U (0.1)	U (0.1)	U (0.1)	0.087 J (0.12)	0.055 J (0.13)	0.011 J (0.099)	U (0.088)	U (0.091)	U (0.12)	U (0.098)	0.04 J (0.11)	0.06 J (0.12)	0.021 J (0.11)
Xylenes (total)	7900	1000	0.071 J (0.11)	0.051 J (0.1)	U (0.1)	U (0.1)	0.141 J (0.12)	0.65 J (0.13)	0.061 J (0.099)	U (0.088)	0.049 J (0.091)	U (0.12)	U (0.098)	0.0745 J (0.11)	0.186 J (0.12)	0.115 J (0.11)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-T31-S-b 101-T31-S	101-T32-C-d 101-T32-C	101-T32-S-c 101-T32-S	101-T33-C-b 101-T33-C	101-T33-S-d 101-T33-S	101-T34-C-a 101-T34-C	101-T34-S-d 101-T34-S	101-T38-C-d 101-T38-C	101-U21-C-a 101-U21-C	101-U24-S-d 101-U24-S	101-U26-S-b 101-U26-S	101-U28-S-b 101-U28-S	101-U29-S-c 101-U29-S	101-U30-C-b 101-U30-C
Field Sample ID	Numeric Value	Numeric Value	101-T31-S-VOC	101-T32-C-VOC	101-T32-S-VOC	101-T33-C-VOC	101-T33-S-VOC	101-T34-C-VOC	101-T34-S-VOC	101-T38-C-VOC	101-U21-C-VOC	101-U24-S-VOC	101-U26-S-VOC	101-U28-S-VOC	101-U29-S-VOC	101-U30-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 4.25	12.1 - 16.9	0 - 12.1	6.48 - 10.4	0 - 6.48	6.61 - 10.5	0 - 6.61	0 - 0.63	0 - 5.38	0 - 13.5	0 - 15	0 - 4.18	0 - 7.98	4.51 - 6.68
Sample Date	(mg/kg)	(mg/kg)	1/28/2021	1/29/2021	1/29/2021	1/29/2021	1/29/2021	1/28/2021	1/28/2021	1/26/2021	2/8/2021	2/10/2021	2/5/2021	2/3/2021	1/29/2021	1/29/2021
VOC																
Benzene	280	0.5	0.14 (0.058)	0.0017 (0.00052)	0.0039 (0.00049)	0.0004 (0.0004)	U (0.00064)	0.056 (0.025)	U (0.14)	U (0.00051)	U (0.025)	U (0.024)	0.0099 J (0.025)	U (0.027)	0.0015 (0.00046)	0.024 (0.023)
Cumene	10000	2500	0.89 (0.12)	0.031 (0.001)	0.034 (0.00098)	0.0058 (0.0008)	0.0092 (0.0013)	1 (0.05)	5.7 (0.29)	U (0.001)	0.98 (0.05)	2.6 (0.048)	0.32 (0.049)	0.26 (0.054)	0.037 (0.00093)	0.87 (0.046)
1,2-Dibromoethane	3.7	0.005	U (0.058)	U (0.00052)	U (0.00049)	U (0.0004)	U (0.00064)	U (0.025)	U (0.14)	U (0.00051)	U (0.025)	U (0.024)	U (0.025)	U (0.027)	U (0.00046)	U (0.023)
1,2-Dichloroethane	85	0.5	U (0.12)	U (0.001)	U (0.00098)	U (0.0008)	U (0.0013)	U (0.05)	U (0.29)	U (0.001)	U (0.05)	U (0.048)	U (0.049)	U (0.054)	U (0.00093)	U (0.046)
Ethyl Benzene	880	70	0.061 J (0.12)	0.0022 (0.001)	0.002 (0.00098)	0.00024 J (0.0008)	0.0007 J (0.0013)	0.034 J (0.05)	U (0.29)	U (0.001)	U (0.05)	U (0.048)	0.0094 J (0.049)	0.012 J (0.054)	0.00026 J (0.00093)	0.015 J (0.046)
Methyl tert-butyl ether	8500	2	U (0.23)	U (0.0021)	U (0.002)	U (0.0016)	U (0.0026)	U (0.1)	U (0.58)	U (0.002)	U (0.1)	U (0.096)	U (0.099)	U (0.11)	U (0.0018)	U (0.091)
Toluene	10000	100	0.074 J (0.12)	0.0015 (0.001)	0.00061 J (0.00098)	U (0.0008)	U (0.0013)	0.039 J (0.05)	U (0.29)	U (0.001)	U (0.05)	U (0.048)	U (0.049)	U (0.054)	0.0011 (0.00093)	U (0.046)
1,2,4-Trimethylbenzene	4700	300	0.054 J (0.23)	0.0012 J (0.0021)	0.00055 J (0.002)	0.00037 J (0.0016)	0.00058 J (0.0026)	0.049 J (0.1)	U (0.58)	U (0.002)	0.024 J (0.1)	U (0.096)	0.025 J (0.099)	0.021 J (0.11)	0.0012 J (0.0018)	0.03 J (0.091)
1,3,5-Trimethylbenzene	4700	93	0.027 J (0.23)	0.0025 (0.0021)	0.00021 J (0.002)	0.00034 J (0.0016)	0.0018 J (0.0026)	0.027 J (0.1)	U (0.58)	U (0.002)	U (0.1)	U (0.096)	U (0.099)	0.046 J (0.11)	0.0017 J (0.0018)	0.026 J (0.091)
Xylenes (total)	7900	1000	0.205 J (0.23)	0.0017 J (0.0021)	0.00159 J (0.002)	0.00112 J (0.0016)	0.0021 J (0.0026)	0.1 J (0.1)	U (0.58)	U (0.002)	0.085 J (0.1)	0.065 J (0.096)	0.101 J (0.099)	0.077 J (0.11)	0.0089 J (0.0018)	0.056 J (0.091)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-U30-S-a 101-U30-S	101-U32-C-a 101-U32-C	101-U32-S-d 101-U32-S	101-U33-C-b 101-U33-C	101-U33-S-c 101-U33-S	101-U34-C-d 101-U34-C	101-U34-S-d 101-U34-S	101-U35-C-b 101-U35-C	101-U35-S-b 101-U35-S	101-U36-S-b 101-U36-S	101-U37-C1-a 101-U37-C1	101-U37-C2-a 101-U37-C2	101-V24-C-b 101-V24-C	101-V27-C-d 101-V27-C
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	101-U30-S-VOC	101-U32-C-VOC	101-U32-S-VOC	101-U33-C-VOC	101-U33-S-VOC	101-U34-C-VOC	101-U34-S-VOC	101-U35-C-VOC	101-U35-S-VOC	101-U36-S-VOC	101-U37-C1-VOC	101-U37-C2-VOC	101-V24-C-VOC	101-V27-C-VOC
Collection Depth (ft bgs)	0 - 4.51	0 - 4.51	0 - 4.51	1.99 - 6.31	0 - 1.99	8.66 - 13	0 - 8.66	10.2 - 13	0 - 10.2	5.08 - 8.4	0 - 5.08	0 - 5.08	0 - 3.18	3.18 - 6.36	0 - 2.39	0 - 2.39
Sample Date	(mg/kg)	(mg/kg)	1/29/2021	1/28/2021	1/28/2021	1/28/2021	1/28/2021	1/27/2021	1/27/2021	1/28/2021	1/28/2021	1/26/2021	1/26/2021	1/26/2021	2/8/2021	1/27/2021
VOC																
Benzene	280	0.5	0.021 J (0.024)	0.00065 (0.00042)	0.00021 J (0.0005)	0.0017 (0.0005)	U (0.16)	0.038 (0.028)	0.076 (0.027)	0.051 (0.03)	0.014 J (0.026)	0.04 (0.03)	0.001 (0.00083)	0.00027 J (0.00062)	0.00025 J (0.00049)	0.91 (0.036)
Cumene	10000	2500	0.43 (0.048)	0.001 (0.00085)	0.00011 J (0.001)	0.011 (0.001)	0.26 J (0.31)	1.1 (0.057)	0.82 (0.054)	0.98 (0.06)	0.28 (0.052)	1.6 (0.059)	0.00021 J (0.0016)	0.00015 J (0.0012)	U (0.00099)	1.2 (0.072)
1,2-Dibromoethane	3.7	0.005	U (0.024)	U (0.00042)	U (0.0005)	U (0.0005)	U (0.16)	U (0.028)	U (0.027)	U (0.03)	U (0.026)	U (0.03)	U (0.00083)	U (0.00062)	U (0.00049)	U (0.036)
1,2-Dichloroethane	85	0.5	U (0.048)	U (0.00085)	U (0.001)	U (0.001)	U (0.31)	U (0.057)	U (0.054)	U (0.06)	U (0.052)	U (0.059)	U (0.0016)	U (0.0012)	U (0.00099)	U (0.072)
Ethyl Benzene	880	70	0.018 J (0.048)	0.00025 J (0.00085)	0.0002 J (0.001)	0.00079 J (0.001)	U (0.31)	0.035 J (0.057)	0.058 (0.054)	0.055 J (0.06)	0.025 J (0.052)	0.021 J (0.059)	0.00025 J (0.0016)	U (0.0012)	U (0.00099)	0.19 (0.072)
Methyl tert-butyl ether	8500	2	U (0.097)	U (0.0017)	U (0.002)	U (0.002)	U (0.62)	U (0.11)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.0033)	U (0.0025)	U (0.002)	U (0.14)
Toluene	10000	100	U (0.048)	U (0.00085)	U (0.001)	0.00077 J (0.001)	U (0.31)	0.037 J (0.057)	0.06 (0.054)	0.039 J (0.06)	U (0.052)	0.034 J (0.059)	U (0.0016)	U (0.0012)	U (0.00099)	0.7 (0.072)
1,2,4-Trimethylbenzene	4700	300	0.024 J (0.097)	0.0012 J (0.0017)	0.00048 J (0.002)	0.0029 (0.002)	U (0.62)	0.04 J (0.11)	0.056 J (0.11)	0.05 J (0.12)	0.023 J (0.1)	0.048 J (0.12)	0.0009 J (0.0033)	0.00041 J (0.0025)	U (0.002)	11 (0.14)
1,3,5-Trimethylbenzene	4700	93	U (0.097)	0.001 J (0.0017)	0.00019 J (0.002)	0.0018 J (0.002)	U (0.62)	U (0.11)	0.011 J (0.11)	0.023 J (0.12)	U (0.1)	0.019 J (0.12)	0.0016 J (0.0033)	U (0.0025)	U (0.002)	1.7 (0.14)
Xylenes (total)	7900	1000	0.073 J (0.097)	0.00113 J (0.0017)	0.0013 J (0.002)	0.0036 J (0.002)	U (0.62)	0.085 J (0.11)	0.139 J (0.11)	0.143 J (0.12)	0.058 J (0.1)	0.101 J (0.12)	0.00154 J (0.0033)	0.00178 J (0.0025)	U (0.002)	3.1 J (0.14)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-V30-C-b 101-V30-C	101-V32-S-b 101-V32-S	101-V33-C-c 101-V33-C	101-V35-C-b 101-V35-C	101-V35-S-d 101-V35-S	101-X43-C-a 101-X43-C	102-D04-C-c 102-D04-C	102-E08-C1-c 102-E08-C1	102-E08-C2-a 102-E08-C2	102-E11-C-b 102-E11-C	102-E13-C-d 102-E13-C	102-F13-C-d 102-F13-C	102-F16-C-d 102-F16-C	102-F18-C-b 102-F18-C
Field Sample ID	Numeric Value	Numeric Value	101-V30-C-VOC	101-V32-S-VOC	101-V33-C-VOC	101-V35-C-VOC	101-V35-S-VOC	101-X43-C-VOC	102-D04-C-VOC	102-E08-C1-VOC	102-E08-C2-VOC	102-E11-C-VOC	102-E13-C-VOC	102-F13-C-VOC	102-F16-C-VOC	102-F18-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 2.09	0 - 10.2	0 - 0.82	5.08 - 6.56	0 - 5.08	0 - 5.33	0 - 1.33	0 - 1.54	1.54 - 3.08	0 - 3.01	0 - 3.07	0 - 3.07	0 - 1.06	0 - 2.73
Sample Date	(mg/kg)	(mg/kg)	1/27/2021	1/27/2021	1/27/2021	1/26/2021	1/26/2021	1/26/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/11/2021	2/11/2021
VOC																
Benzene	280	0.5	0.49 (0.039)	U (0.034)	0.028 (0.00076)	U (0.12)	U (0.11)	U (0.00068)	0.00044 J (0.00087)	U (0.00083)	U (0.0006)	0.017 (0.00068)	0.9 (0.05)	1.2 (0.052)	0.28 (0.048)	0.42 (0.15)
Cumene	10000	2500	0.32 (0.078)	1 (0.067)	0.0012 J (0.0015)	4.3 (0.23)	5.2 (0.22)	U (0.0014)	U (0.0017)	U (0.0016)	0.00022 J (0.0012)	0.041 (0.0014)	2.2 (0.099)	4.1 (0.1)	0.99 (0.097)	1.6 (0.3)
1,2-Dibromoethane	3.7	0.005	U (0.039)	U (0.034)	U (0.00076)	U (0.12)	U (0.11)	U (0.00068)	U (0.00087)	U (0.00083)	U (0.0006)	U (0.00068)	U (0.05)	0.054 (0.052)	U (0.0008)	U (0.15)
1,2-Dichloroethane	85	0.5	U (0.078)	U (0.067)	U (0.0015)	U (0.23)	U (0.22)	U (0.0014)	U (0.0017)	U (0.0016)	U (0.0012)	U (0.0014)	U (0.099)	U (0.1)	U (0.0016)	U (0.3)
Ethyl Benzene	880	70	0.22 (0.078)	0.035 J (0.067)	0.0015 (0.0015)	U (0.23)	U (0.22)	U (0.0014)	U (0.0017)	U (0.0016)	U (0.0012)	0.001 J (0.0014)	0.56 (0.099)	1.6 (0.1)	0.12 (0.097)	0.44 (0.3)
Methyl tert-butyl ether	8500	2	U (0.16)	U (0.13)	U (0.003)	U (0.47)	U (0.44)	U (0.0027)	U (0.0035)	U (0.0033)	U (0.0024)	U (0.0027)	U (0.2)	U (0.21)	U (0.0032)	U (0.6)
Toluene	10000	100	0.25 (0.078)	U (0.067)	0.0069 (0.0015)	U (0.23)	U (0.22)	U (0.0014)	U (0.0017)	U (0.0016)	U (0.0012)	0.0013 J (0.0014)	1.3 (0.099)	1.3 (0.1)	0.24 (0.097)	0.26 J (0.3)
1,2,4-Trimethylbenzene	4700	300	4.6 (0.16)	0.2 (0.13)	0.0024 J (0.003)	U (0.47)	0.081 J (0.44)	U (0.0027)	U (0.0035)	U (0.0033)	U (0.0024)	0.0044 (0.0027)	3.7 (0.2)	0.76 (0.21)	0.22 (0.19)	0.32 J (0.6)
1,3,5-Trimethylbenzene	4700	93	1.3 (0.16)	0.1 J (0.13)	0.00052 J (0.003)	U (0.47)	0.06 J (0.44)	U (0.0027)	U (0.0035)	U (0.0033)	U (0.0024)	0.0023 J (0.0027)	3.4 (0.2)	0.2 J (0.21)	0.087 J (0.19)	0.085 J (0.6)
Xylenes (total)	7900	1000	1.31 J (0.16)	0.098 J (0.13)	0.0071 J (0.003)	U (0.47)	0.23 J (0.44)	U (0.0027)	U (0.0035)	U (0.0033)	U (0.0024)	0.0169 J (0.0027)	4 J (0.2)	2.82 J (0.21)	0.51 J (0.19)	0.63 J (0.6)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	102-F20-C-d 102-F20-C	102-G23-C-b 102-G23-C	102-G25-C-c 102-G25-C	102-G27-C-b 102-G27-C	102-G29-C-d 102-G29-C	103-A10-C-c 103-A10-C	103-A10-S-c 103-A10-S	103-A11-S1-b 103-A11-S1	103-A11-S2-c 103-A11-S2	103-A12-S-d 103-A12-S	103-A14-S-c 103-A14-S	103-A15-S-a 103-A15-S	103-A16-S-d 103-A16-S	103-A17-S-d 103-A17-S
Field Sample ID	Numeric Value	Numeric Value	102-F20-C-VOC	102-G23-C-VOC	102-G25-C-VOC	102-G27-C-VOC	102-G29-C-VOC	103-A10-C-VOC	103-A10-S-VOC	103-A11-S1-VOC	103-A11-S2-VOC	103-A12-S-VOC	103-A14-S-VOC	103-A15-S-VOC	103-A16-S-VOC	103-A17-S-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 3.22	0 - 3.79	0 - 2.39	0 - 2.84	0 - 1.34	16.6 - 17.6	0 - 16.6	0 - 8.28	8.28 - 16.6	0 - 7.87	0 - 6.63	0 - 10.9	0 - 9.3	0 - 9.3
Sample Date	(mg/kg)	(mg/kg)	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/17/2021	2/17/2021	2/16/2021	2/16/2021	2/16/2021	2/17/2021	2/17/2021	2/17/2021	2/22/2021
VOC																
Benzene	280	0.5	U (0.00074)	0.0054 (0.0021)	0.00036 J (0.00051)	U (0.00047)	U (0.00054)	U (0.033)	0.00038 J (0.0006)	0.74 (0.038)	U (0.027)	0.0002 J (0.00046)	U (0.00052)	0.00017 J (0.00044)	U (0.029)	0.54 (0.032)
Cumene	10000	2500	U (0.0015)	0.01 (0.0042)	U (0.001)	0.00014 J (0.00094)	U (0.0011)	10 (0.065)	0.19 (0.0012)	1.5 (0.076)	3.3 (0.055)	0.017 (0.00092)	0.11 (0.001)	0.14 (0.00088)	0.7 (0.058)	4.2 (0.064)
1,2-Dibromoethane	3.7	0.005	U (0.00074)	U (0.0021)	U (0.00051)	U (0.00047)	U (0.00054)	U (0.033)	U (0.0006)	U (0.038)	U (0.027)	U (0.00046)	U (0.00052)	U (0.00044)	U (0.029)	0.076 (0.032)
1,2-Dichloroethane	85	0.5	U (0.0015)	U (0.0042)	U (0.001)	U (0.00094)	U (0.0011)	0.041 J (0.065)	U (0.0012)	U (0.076)	U (0.055)	U (0.00092)	U (0.001)	U (0.00088)	U (0.058)	0.037 J (0.064)
Ethyl Benzene	880	70	U (0.0015)	0.0011 J (0.0042)	U (0.001)	U (0.00094)	U (0.0011)	0.026 J (0.065)	U (0.0012)	0.2 (0.076)	U (0.055)	0.00023 J (0.00092)	0.00067 J (0.001)	U (0.00088)	U (0.058)	3.4 (0.064)
Methyl tert-butyl ether	8500	2	U (0.0029)	U (0.0084)	U (0.002)	U (0.0019)	U (0.0021)	U (0.13)	U (0.0024)	U (0.15)	U (0.11)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.12)	U (0.13)
Toluene	10000	100	U (0.0015)	0.0042 (0.0042)	U (0.001)	U (0.00094)	U (0.0011)	U (0.065)	0.0033 (0.0012)	0.18 (0.076)	U (0.055)	U (0.00092)	U (0.001)	0.0013 (0.00088)	U (0.058)	2.6 (0.064)
1,2,4-Trimethylbenzene	4700	300	U (0.0029)	U (0.0084)	U (0.002)	U (0.0019)	U (0.0021)	0.23 (0.13)	U (0.0024)	0.18 (0.15)	0.068 J (0.11)	0.00061 J (0.0018)	0.0022 (0.0021)	U (0.0018)	0.028 J (0.12)	28 (0.24)
1,3,5-Trimethylbenzene	4700	93	U (0.0029)	U (0.0084)	U (0.002)	U (0.0019)	U (0.0021)	0.33 (0.13)	0.0004 J (0.0024)	0.051 J (0.15)	0.055 J (0.11)	0.00078 J (0.0018)	0.00031 J (0.0021)	0.00064 J (0.0018)	U (0.12)	12 (0.13)
Xylenes (total)	7900	1000	U (0.0029)	0.015 J (0.0084)	U (0.002)	U (0.0019)	U (0.0021)	0.273 J (0.13)	0.0025 J (0.0024)	0.441 J (0.15)	0.079 J (0.11)	0.0031 J (0.0018)	0.00235 J (0.0021)	0.0037 J (0.0018)	U (0.12)	16.3 J (0.13)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-AA10-S-a 103-AA10-S	103-AA11-S-c 103-AA11-S	103-AA12-S-a 103-AA12-S	103-B10-S-c 103-B10-S	103-B11-S-d 103-B11-S	103-B13-S-a 103-B13-S	103-B14-S-d 103-B14-S	103-B15-S-d 103-B15-S	103-B16-S-c 103-B16-S	103-B17-S-d 103-B17-S	103-B18-S-b 103-B18-S	103-C10-C-d 103-C10-C	103-C12-S-c 103-C12-S	103-C13-S-b 103-C13-S
Field Sample ID	Numeric Value	Numeric Value	103-AA10-S-VOC	103-AA11-S-VOC	103-AA12-S-VOC	103-B10-S-VOC	103-B11-S-VOC	103-B13-S-VOC	103-B14-S-VOC	103-B15-S-VOC	103-B16-S-VOC	103-B17-S-VOC	103-B18-S-VOC	103-C10-C-VOC	103-C12-S-VOC	103-C13-S-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 6.89	0 - 7.87	0 - 7.87	0 - 16.6	0 - 16.6	0 - 8.84	0 - 11.3	0 - 12.2	0 - 12.4	0 - 10.3	0 - 10.3	0 - 1.07	0 - 2.23	0 - 9.97
Sample Date	(mg/kg)	(mg/kg)	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/22/2021	2/22/2021	2/19/2021	3/10/2021	2/19/2021	2/22/2021	2/17/2021	2/22/2021	2/22/2021
VOC																
Benzene	280	0.5	0.00037 J (0.00054)	0.094 (0.046)	0.1 (0.051)	U (0.044)	0.21 (0.032)	0.059 (0.026)	U (0.03)	U (0.069)	U (0.034)	U (0.029)	U (0.03)	U (0.00059)	U (0.04)	U (0.023)
Cumene	10000	2500	0.031 (0.0011)	0.37 (0.093)	1.8 (0.1)	150 (0.88)	1.2 (0.064)	0.18 (0.053)	0.4 (0.059)	2.9 (0.14)	5.8 (0.069)	1.6 (0.058)	8.6 (0.059)	U (0.0012)	0.031 J (0.079)	0.065 (0.047)
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.046)	U (0.051)	U (0.044)	U (0.032)	U (0.026)	U (0.03)	U (0.069)	U (0.034)	U (0.029)	U (0.03)	U (0.00059)	U (0.04)	U (0.023)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.093)	U (0.1)	U (0.088)	U (0.064)	U (0.053)	U (0.059)	U (0.14)	U (0.069)	U (0.058)	U (0.059)	U (0.0012)	U (0.079)	U (0.047)
Ethyl Benzene	880	70	0.001 J (0.0011)	0.12 (0.093)	0.073 J (0.1)	0.021 J (0.088)	0.06 J (0.064)	0.1 (0.053)	U (0.059)	0.035 J (0.14)	0.038 J (0.069)	U (0.058)	0.02 J (0.059)	U (0.0012)	0.032 J (0.079)	0.042 J (0.047)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.18)	U (0.2)	U (0.18)	U (0.13)	U (0.1)	U (0.12)	U (0.28)	U (0.14)	U (0.12)	U (0.12)	U (0.0024)	U (0.16)	U (0.094)
Toluene	10000	100	0.0024 (0.0011)	0.12 (0.093)	0.06 J (0.1)	U (0.088)	0.04 J (0.064)	0.052 J (0.053)	U (0.059)	0.099 J (0.14)	U (0.069)	U (0.058)	U (0.059)	U (0.0012)	U (0.079)	0.063 (0.047)
1,2,4-Trimethylbenzene	4700	300	0.012 (0.0022)	1.5 (0.18)	0.083 J (0.2)	U (0.18)	0.086 J (0.13)	0.14 (0.1)	U (0.12)	17 (0.28)	U (0.14)	0.75 (0.12)	2.3 (0.12)	U (0.0024)	0.32 (0.16)	0.094 (0.094)
1,3,5-Trimethylbenzene	4700	93	0.013 (0.0022)	0.11 J (0.18)	0.022 J (0.2)	U (0.18)	0.016 J (0.13)	0.048 J (0.1)	U (0.12)	4 (0.28)	U (0.14)	0.17 (0.12)	0.044 J (0.12)	U (0.0024)	0.11 J (0.16)	0.059 J (0.094)
Xylenes (total)	7900	1000	0.0118 J (0.0022)	0.9 J (0.18)	0.17 J (0.2)	U (0.18)	0.135 J (0.13)	0.118 J (0.1)	U (0.12)	2.35 J (0.28)	0.111 J (0.14)	0.253 J (0.12)	0.147 J (0.12)	U (0.0024)	0.242 J (0.16)	0.113 J (0.094)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-C14-S-c 103-C14-S	103-C15-S-c 103-C15-S	103-C16-S-a 103-C16-S	103-C17-S-d 103-C17-S	103-C18-S-a 103-C18-S	103-D12-S-a 103-D12-S	103-D13-S-b 103-D13-S	103-D14-S-c 103-D14-S	103-D15-S-a 103-D15-S	103-D16-S-d 103-D16-S	103-D17-S-d 103-D17-S	103-E08-C-d 103-E08-C	103-E12-S-a 103-E12-S	103-E13-S-d 103-E13-S
Field Sample ID	Numeric Value	Numeric Value	103-C14-S-VOC	103-C15-S-VOC	103-C16-S-VOC	103-C17-S-VOC	103-C18-S-VOC	103-D12-S-VOC	103-D13-S-VOC	103-D14-S-VOC	103-D15-S-VOC	103-D16-S-VOC	103-D17-S-VOC	103-E08-C-VOC	103-E12-S-VOC	103-E13-S-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 11.7	0 - 12.6	0 - 11.2	0 - 12.4	0 - 10.3	0 - 4.88	0 - 4.88	0 - 12.7	0 - 12.7	0 - 12.6	0 - 11.2	0 - 5.2	0 - 4.88	0 - 10.8
Sample Date	(mg/kg)	(mg/kg)	2/19/2021	2/19/2021	2/19/2021	2/23/2021	2/23/2021	2/22/2021	2/22/2021	2/23/2021	2/23/2021	2/24/2021	2/24/2021	2/12/2021	2/24/2021	2/24/2021
VOC																
Benzene	280	0.5	U (0.027)	U (0.00061)	U (0.029)	10 (0.62)	0.2 (0.031)	U (0.00072)	U (0.00058)	U (0.034)	U (0.025)	U (0.028)	U (0.078)	0.00033 J (0.0005)	U (0.00055)	U (0.0005)
Cumene	10000	2500	2.5 (0.054)	0.00085 J (0.0012)	3.1 (0.057)	90 (1.2)	2 (0.062)	U (0.0014)	U (0.0012)	0.22 (0.068)	1.6 (0.05)	2.8 (0.055)	18 (0.16)	0.00015 J (0.001)	U (0.0011)	0.00034 J (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.027)	U (0.00061)	U (0.029)	U (0.62)	U (0.031)	U (0.00072)	U (0.00058)	U (0.034)	U (0.025)	U (0.028)	U (0.078)	U (0.0005)	U (0.00055)	U (0.0005)
1,2-Dichloroethane	85	0.5	U (0.054)	U (0.0012)	U (0.057)	U (1.2)	U (0.062)	U (0.0014)	U (0.0012)	U (0.068)	U (0.05)	U (0.055)	0.046 J (0.16)	U (0.001)	U (0.0011)	U (0.001)
Ethyl Benzene	880	70	U (0.054)	U (0.0012)	U (0.057)	310 (1.2)	5.3 (0.062)	U (0.0014)	U (0.0012)	U (0.068)	U (0.05)	U (0.055)	U (0.16)	0.00022 J (0.001)	U (0.0011)	U (0.001)
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.0024)	U (0.11)	U (2.5)	U (0.12)	U (0.0029)	U (0.0023)	U (0.14)	U (0.1)	U (0.11)	U (0.31)	U (0.002)	U (0.0022)	U (0.002)
Toluene	10000	100	U (0.054)	U (0.0012)	U (0.057)	86 (1.2)	0.11 (0.062)	U (0.0014)	U (0.0012)	U (0.068)	U (0.05)	U (0.055)	U (0.16)	U (0.001)	U (0.0011)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	0.14 (0.11)	U (0.0024)	0.025 J (0.11)	860 (10)	22 (0.25)	U (0.0029)	U (0.0023)	U (0.14)	0.094 J (0.1)	U (0.11)	6.4 (0.31)	0.00046 J (0.002)	U (0.0022)	U (0.002)
1,3,5-Trimethylbenzene	4700	93	0.34 (0.11)	U (0.0024)	0.011 J (0.11)	200 (2.5)	11 (0.12)	U (0.0029)	U (0.0023)	U (0.14)	0.16 (0.1)	U (0.11)	0.37 (0.31)	U (0.002)	U (0.0022)	U (0.002)
Xylenes (total)	7900	1000	0.097 J (0.11)	U (0.0024)	0.0725 J (0.11)	1290 J (10)	3.54 J (0.12)	U (0.0029)	U (0.0023)	0.092 J (0.14)	0.188 J (0.1)	U (0.11)	0.58 J (0.31)	0.0016 J (0.002)	U (0.0022)	U (0.002)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-E14-S-b 103-E14-S 103-E14-S-VOC 0 - 12.7 2/24/2021	103-E15-S-b 103-E15-S 103-E15-S-VOC 0 - 12.7 2/23/2021	103-F07-C-a 103-F07-C 103-F07-C-VOC 0 - 4.58 2/15/2021	103-F11-C-c 103-F11-C 103-F11-C-VOC 0 - 3.93 2/12/2021	103-F13-S-d 103-F13-S 103-F13-S-VOC 0 - 2.55 2/15/2021	103-G07-C-b 103-G07-C 103-G07-C-VOC 0 - 3.58 2/15/2021	103-G11-C-a 103-G11-C 103-G11-C-VOC 0 - 3.93 2/15/2021	103-H01-C-c 103-H01-C 103-H01-C-VOC 0 - 2.78 2/15/2021	103-H05-C-b 103-H05-C 103-H05-C-VOC 0 - 2.61 2/15/2021	103-I05-C1-c 103-I05-C1 103-I05-C1-VOC 0 - 1.51 2/15/2021	103-I05-C2-b 103-I05-C2 103-I05-C2-VOC 1.51 - 3.01 2/15/2021	104-A25-C-d 104-A25-C 104-A25-C-VOC 0 - 2.88 2/25/2021	104-A28-C-a 104-A28-C 104-A28-C-VOC 2.61 - 5.71 2/25/2021	104-A28-S-d 104-A28-S 104-A28-S-VOC 0 - 2.61 2/25/2021
VOC																
Benzene	280	0.5	U (0.00048)	0.00046 J (0.00054)	0.0022 (0.00049)	0.0019 (0.00047)	U (0.024)	0.0081 (0.00046)	0.00032 J (0.00041)	0.011 (0.00053)	0.00081 (0.00064)	0.00026 J (0.00056)	0.1 (0.041)	0.0011 (0.00062)	U (0.0008)	0.049 (0.034)
Cumene	10000	2500	0.00086 J (0.00095)	0.17 (0.0011)	0.00034 J (0.00099)	0.00012 J (0.00094)	0.13 (0.047)	U (0.00091)	0.0025 (0.00082)	0.005 (0.0011)	0.00058 J (0.0013)	0.00073 J (0.0011)	0.48 (0.082)	0.044 (0.0012)	0.04 (0.0016)	0.19 (0.067)
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00054)	U (0.00049)	U (0.00047)	U (0.024)	U (0.00046)	U (0.00041)	U (0.00053)	U (0.00064)	U (0.00056)	U (0.041)	U (0.00062)	U (0.0008)	U (0.034)
1,2-Dichloroethane	85	0.5	U (0.00095)	0.0016 (0.0011)	U (0.00099)	U (0.00094)	U (0.047)	U (0.00091)	U (0.00082)	U (0.0011)	U (0.0013)	U (0.0011)	U (0.082)	U (0.0012)	U (0.0016)	U (0.067)
Ethyl Benzene	880	70	U (0.00095)	0.00056 J (0.0011)	0.0003 J (0.00099)	0.00021 J (0.00094)	U (0.047)	0.00014 J (0.00091)	0.00064 J (0.00082)	0.00073 J (0.0011)	0.00035 J (0.0013)	0.00016 J (0.0011)	0.035 J (0.082)	0.0012 (0.0012)	U (0.0016)	0.043 J (0.067)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0021)	U (0.002)	U (0.0019)	U (0.094)	U (0.0018)	U (0.0016)	U (0.0021)	U (0.0026)	U (0.0022)	U (0.16)	U (0.0025)	U (0.0032)	U (0.13)
Toluene	10000	100	0.0028 (0.0012)	0.0012 (0.0011)	0.00099 (0.00099)	0.00085 J (0.00094)	U (0.047)	0.0022 (0.00091)	0.00045 J (0.00082)	0.003 (0.0011)	0.0021 (0.0013)	U (0.0011)	U (0.082)	0.0023 (0.0012)	U (0.0016)	0.052 J (0.067)
1,2,4-Trimethylbenzene	4700	300	0.05 (0.0023)	0.0075 (0.0021)	U (0.002)	U (0.0019)	U (0.094)	U (0.0018)	0.00033 J (0.0016)	0.00061 J (0.0021)	0.001 J (0.0026)	U (0.0022)	0.03 J (0.16)	0.016 (0.0025)	0.026 (0.0032)	0.13 (0.13)
1,3,5-Trimethylbenzene	4700	93	0.027 (0.0023)	0.0026 (0.0021)	U (0.002)	U (0.0019)	U (0.094)	U (0.0018)	0.00049 J (0.0016)	0.00022 J (0.0021)	0.0006 J (0.0026)	U (0.0022)	U (0.16)	0.0031 (0.0025)	0.0031 J (0.0032)	0.039 J (0.13)
Xylenes (total)	7900	1000	0.02 J (0.0023)	0.0125 J (0.0021)	U (0.002)	U (0.0019)	U (0.094)	U (0.0018)	0.00153 J (0.0016)	0.00227 J (0.0021)	0.00445 J (0.0026)	U (0.0022)	0.161 J (0.16)	0.0086 J (0.0025)	0.0045 J (0.0032)	0.247 J (0.13)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-A30-S-c 104-A30-S	104-B25-S-d 104-B25-S	104-C23-S-b 104-C23-S	104-C24-C-b 104-C24-C	104-C25-S-b 104-C25-S	104-C26-C-a 104-C26-C	104-C28-C-b 104-C28-C	104-C28-S-b 104-C28-S	104-D21-S-c 104-D21-S	104-D22-C-b 104-D22-C	104-D24-C-a 104-D24-C	104-D25-S-b 104-D25-S	104-D26-C-c 104-D26-C	104-D27-S-d 104-D27-S
Field Sample ID	Numeric Value	Numeric Value	104-A30-S-VOC	104-B25-S-VOC	104-C23-S-VOC	104-C24-C-VOC	104-C25-S-VOC	104-C26-C-VOC	104-C28-C-VOC	104-C28-S-VOC	104-D21-S-VOC	104-D22-C-VOC	104-D24-C-VOC	104-D25-S-VOC	104-D26-C-VOC	104-D27-S-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 1.13	0 - 3.17	0 - 3.93	0 - 2.59	0 - 2.67	0 - 3.08	2.71 - 5.07	0 - 2.71	0 - 2.61	0 - 2.56	0 - 1.71	0 - 2.43	0 - 3.08	0 - 0.29
Sample Date	(mg/kg)	(mg/kg)	2/25/2021	2/25/2021	3/1/2021	2/25/2021	3/1/2021	2/25/2021	2/25/2021	2/25/2021	2/26/2021	3/2/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021
VOC																
Benzene	280	0.5	U (0.00066)	0.0014 (0.00055)	0.001 (0.00051)	0.0097 (0.0006)	0.03 J (0.06)	U (0.00081)	U (0.0014)	U (0.028)	0.0016 (0.00064)	U (0.00042)	7.8 (0.037)	0.0013 (0.00088)	0.05 (0.04)	U (0.001)
Cumene	10000	2500	U (0.0013)	0.00044 J (0.0011)	0.0013 (0.001)	0.0041 (0.0012)	0.019 J (0.12)	U (0.0016)	U (0.0029)	0.099 (0.056)	0.00017 J (0.0013)	U (0.00084)	0.028 J (0.074)	U (0.0018)	0.52 (0.079)	U (0.002)
1,2-Dibromoethane	3.7	0.005	U (0.00066)	U (0.00055)	U (0.00051)	U (0.0006)	U (0.06)	U (0.00081)	U (0.0014)	U (0.028)	U (0.00064)	U (0.00042)	U (0.00065)	U (0.00088)	U (0.04)	U (0.001)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0011)	U (0.001)	U (0.0012)	U (0.12)	U (0.0016)	U (0.0029)	U (0.056)	U (0.0013)	U (0.00084)	U (0.0013)	U (0.0018)	U (0.079)	U (0.002)
Ethyl Benzene	880	70	U (0.0013)	0.00034 J (0.0011)	U (0.001)	0.00097 J (0.0012)	U (0.12)	U (0.0016)	U (0.0029)	0.011 J (0.056)	0.00041 J (0.0013)	U (0.00084)	0.11 (0.074)	U (0.0018)	0.066 J (0.079)	U (0.002)
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0022)	U (0.002)	U (0.0024)	U (0.24)	U (0.0032)	U (0.0058)	U (0.11)	U (0.0026)	U (0.0017)	U (0.0026)	U (0.0035)	U (0.16)	U (0.004)
Toluene	10000	100	U (0.0013)	0.00071 J (0.0011)	U (0.001)	0.0047 (0.0012)	U (0.12)	U (0.0016)	U (0.0029)	U (0.056)	U (0.0013)	U (0.00084)	26 (0.18)	U (0.0018)	0.05 J (0.079)	U (0.002)
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	0.0013 J (0.0022)	U (0.002)	0.0025 (0.0024)	0.064 J (0.24)	U (0.0032)	U (0.0058)	0.34 (0.11)	U (0.0026)	U (0.0017)	0.17 (0.15)	U (0.0035)	0.13 J (0.16)	U (0.004)
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	0.0014 J (0.0022)	0.00022 J (0.002)	0.0011 J (0.0024)	0.027 J (0.24)	U (0.0032)	U (0.0058)	0.033 J (0.11)	U (0.0026)	U (0.0017)	0.053 J (0.15)	U (0.0035)	0.035 J (0.16)	U (0.004)
Xylenes (total)	7900	1000	U (0.0026)	0.0021 J (0.0022)	U (0.002)	0.0123 J (0.0024)	0.171 J (0.24)	U (0.0032)	U (0.0058)	0.165 J (0.11)	U (0.0026)	U (0.0017)	0.72 J (0.15)	U (0.0035)	0.233 J (0.16)	U (0.004)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-E17-S-c 104-E17-S	104-E20-C-d 104-E20-C	104-E20-S-c 104-E20-S	104-E22-C-d 104-E22-C	104-E23-S-c 104-E23-S	104-E24-C-a 104-E24-C	104-E24-S-d 104-E24-S	104-F18-C-c 104-F18-C	104-F20-C-a 104-F20-C	104-F21-S-c 104-F21-S	104-F22-C-d 104-F22-C	104-G15-C-a 104-G15-C	104-G15-S-b 104-G15-S	104-G18-C-c 104-G18-C
Field Sample ID	Numeric Value	Numeric Value	104-E17-S-VOC	104-E20-C-VOC	104-E20-S-VOC	104-E22-C-VOC	104-E23-S-VOC	104-E24-C-VOC	104-E24-S-VOC	104-F18-C-VOC	104-F20-C-VOC	104-F21-S-VOC	104-F22-C-VOC	104-G15-C-VOC	104-G15-S-VOC	104-G18-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 4.02	2.67 - 5.46	0 - 2.67	0 - 2.13	0 - 1.5	1.08 - 1.47	0 - 1.08	0 - 2.86	0 - 2.46	0 - 2.09	0 - 1.01	6.05 - 12.9	0 - 6.05	3.52 - 5.41
Sample Date	(mg/kg)	(mg/kg)	3/1/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	3/1/2021	2/26/2021	3/2/2021	2/26/2021	3/2/2021	3/2/2021	3/1/2021
VOC																
Benzene	280	0.5	0.18 (0.027)	0.019 J (0.036)	0.67 (0.043)	U (0.00043)	U (0.00061)	U (0.00046)	0.00017 J (0.00051)	0.001 (0.00038)	U (0.00077)	0.0014 (0.00049)	0.0016 (0.00066)	U (0.032)	U (0.059)	0.041 J (0.055)
Cumene	10000	2500	28 (0.22)	0.17 (0.072)	0.092 (0.087)	U (0.00086)	U (0.0012)	U (0.00093)	U (0.001)	0.096 (0.00076)	U (0.0015)	0.00019 J (0.00098)	0.00064 J (0.0013)	1.5 (0.064)	3.2 (0.12)	2 (0.11)
1,2-Dibromoethane	3.7	0.005	U (0.027)	U (0.036)	U (0.043)	U (0.00043)	U (0.00061)	U (0.00046)	U (0.00051)	0.0015 (0.00038)	U (0.00077)	U (0.00049)	U (0.00066)	U (0.032)	U (0.059)	U (0.055)
1,2-Dichloroethane	85	0.5	U (0.055)	U (0.072)	U (0.087)	U (0.00086)	U (0.0012)	U (0.00093)	U (0.001)	U (0.00076)	U (0.0015)	U (0.00098)	U (0.0013)	U (0.064)	U (0.12)	U (0.11)
Ethyl Benzene	880	70	0.34 (0.055)	0.02 J (0.072)	0.38 (0.087)	U (0.00086)	U (0.0012)	U (0.00093)	U (0.001)	0.00027 J (0.00076)	U (0.0015)	U (0.00098)	U (0.0013)	0.012 J (0.064)	U (0.12)	U (0.11)
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.14)	U (0.17)	U (0.0017)	U (0.0024)	U (0.0018)	U (0.002)	U (0.0015)	U (0.0031)	U (0.002)	U (0.0026)	U (0.13)	U (0.24)	U (0.22)
Toluene	10000	100	0.18 (0.055)	U (0.072)	0.27 (0.087)	U (0.00086)	U (0.0012)	U (0.00093)	U (0.001)	0.0014 (0.00076)	U (0.0015)	U (0.00098)	U (0.0013)	U (0.064)	U (0.12)	0.17 (0.11)
1,2,4-Trimethylbenzene	4700	300	0.18 (0.11)	0.084 J (0.14)	0.21 (0.17)	U (0.0017)	U (0.0024)	U (0.0018)	U (0.002)	U (0.0015)	U (0.0031)	U (0.002)	U (0.0026)	0.078 J (0.13)	U (0.24)	0.06 J (0.22)
1,3,5-Trimethylbenzene	4700	93	0.041 J (0.11)	0.032 J (0.14)	0.11 J (0.17)	U (0.0017)	U (0.0024)	U (0.0018)	U (0.002)	0.00025 J (0.0015)	U (0.0031)	U (0.002)	U (0.0026)	0.014 J (0.13)	U (0.24)	0.022 J (0.22)
Xylenes (total)	7900	1000	0.588 J (0.11)	0.12 J (0.14)	0.672 J (0.17)	U (0.0017)	0.00164 J (0.0024)	U (0.0018)	U (0.002)	0.0058 J (0.0015)	U (0.0031)	U (0.002)	U (0.0026)	0.076 J (0.13)	0.174 J (0.24)	0.287 J (0.22)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-G18-S-c 104-G18-S	104-G19-S-b 104-G19-S	104-G20-C-c 104-G20-C	104-H15-C-d 104-H15-C	104-H15-S-d 104-H15-S	104-H16-C-c 104-H16-C	104-H17-C-b 104-H17-C	104-H17-S-c 104-H17-S	104-H18-S-c 104-H18-S	104-H19-C-b 104-H19-C	104-I12-C-a 104-I12-C	104-I14-C-a 104-I14-C	104-I17-C-b 104-I17-C	104-J10-C-a 104-J10-C
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	104-G18-S-VOC	104-G19-S-VOC	104-G20-C-VOC	104-H15-C-VOC	104-H15-S-VOC	104-H16-C-VOC	104-H17-C-VOC	104-H17-S-VOC	104-H18-S-VOC	104-H19-C-VOC	104-I12-C-VOC	104-I14-C-VOC	104-I17-C-VOC	104-J10-C-VOC
Collection Depth (ft bgs)	0 - 3.52	0 - 1.34	0 - 3.52	0 - 1.34	0 - 1.56	2.3 - 6.26	0 - 2.3	0 - 3.9	2.41 - 5.6	0 - 2.41	0 - 0.98	0 - 1.18	0 - 7.58	0 - 10.7	0 - 3.94	0 - 7.56
Sample Date	(mg/kg)	(mg/kg)	3/1/2021	3/1/2021	2/26/2021	3/2/2021	3/2/2021	3/2/2021	3/2/2021	3/2/2021	3/1/2021	3/1/2021	3/4/2021	3/3/2021	3/1/2021	3/3/2021
VOC																
Benzene	280	0.5	1.8 (0.12)	0.00076 (0.0006)	U (0.0005)	U (0.00055)	U (0.00057)	U (0.00048)	U (0.0007)	0.00066 (0.00059)	U (0.00056)	U (0.00065)	0.00033 J (0.0005)	0.0015 (0.0013)	U (0.00046)	U (0.00048)
Cumene	10000	2500	2.2 (0.24)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0014)	0.00088 J (0.0012)	U (0.0011)	0.004 (0.0013)	0.07 (0.00099)	0.06 (0.0026)	0.036 (0.00093)	0.0023 (0.00096)
1,2-Dibromoethane	3.7	0.005	U (0.12)	U (0.0006)	U (0.0005)	U (0.00055)	U (0.00057)	U (0.00048)	U (0.0007)	U (0.00059)	U (0.00056)	U (0.00065)	U (0.0005)	U (0.0013)	U (0.00046)	U (0.00048)
1,2-Dichloroethane	85	0.5	U (0.24)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0014)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.00099)	U (0.0026)	U (0.00093)	U (0.00096)
Ethyl Benzene	880	70	1.9 (0.24)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0014)	U (0.0012)	U (0.0011)	0.00021 J (0.0013)	0.0011 (0.00099)	0.00071 J (0.0026)	U (0.00093)	U (0.00096)
Methyl tert-butyl ether	8500	2	U (0.49)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0028)	U (0.0024)	U (0.0022)	U (0.0026)	U (0.002)	U (0.0051)	U (0.0018)	U (0.0019)
Toluene	10000	100	0.95 (0.24)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0014)	U (0.0012)	U (0.0011)	U (0.0013)	0.00078 J (0.00099)	0.0026 (0.0026)	0.0009 J (0.00093)	U (0.00096)
1,2,4-Trimethylbenzene	4700	300	67 (0.49)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0028)	U (0.0024)	U (0.0022)	0.00048 J (0.0026)	0.0036 (0.002)	0.0025 J (0.0051)	U (0.0018)	U (0.0019)
1,3,5-Trimethylbenzene	4700	93	37 (0.49)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0028)	U (0.0024)	U (0.0022)	U (0.0026)	0.004 (0.002)	U (0.0051)	0.00057 J (0.0018)	U (0.0019)
Xylenes (total)	7900	1000	10.1 J (0.49)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0028)	U (0.0024)	U (0.0022)	0.00192 J (0.0026)	0.0106 J (0.002)	0.0102 J (0.0051)	0.00231 J (0.0018)	U (0.0019)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-J11-C-c 104-J11-C	104-J12-C-b 104-J12-C	104-J13-C-c 104-J13-C	104-J18-C-d 104-J18-C	104-J19-C-b 104-J19-C	104-K07-C-a 104-K07-C	104-K09-C-b 104-K09-C	104-K10-C1-d 104-K10-C1	104-K10-C2-a 104-K10-C2	104-K11-C-b 104-K11-C	104-K12-C1-d 104-K12-C1	104-K12-C2-d 104-K12-C2	104-K13-C-b 104-K13-C	104-K14-C-c 104-K14-C
Field Sample ID	Numeric Value	Numeric Value	104-J11-C-VOC	104-J12-C-VOC	104-J13-C-VOC	104-J18-C-VOC	104-J19-C-VOC	104-K07-C-VOC	104-K09-C-VOC	104-K10-C1-VOC	104-K10-C2-VOC	104-K11-C-VOC	104-K12-C1-VOC	104-K12-C2-VOC	104-K13-C-VOC	104-K14-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 7.58	0 - 7.58	0 - 10.7	0 - 4.91	0 - 2.84	0 - 8.75	0 - 9.72	0 - 4.79	4.79 - 9.58	0 - 9.35	0 - 3.83	3.83 - 7.66	0 - 2.57	0 - 2.53
Sample Date	(mg/kg)	(mg/kg)	3/4/2021	3/4/2021	3/3/2021	3/8/2021	3/8/2021	3/9/2021	3/4/2021	3/4/2021	3/4/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021
VOC																
Benzene	280	0.5	0.7 (0.059)	U (0.063)	0.065 (0.059)	U (0.00051)	0.00026 J (0.00052)	U (0.00054)	U (0.051)	0.00078 (0.00044)	0.00048 J (0.00066)	U (0.00082)	U (0.00088)	0.19 (0.039)	0.0002 J (0.00048)	0.00092 (0.00045)
Cumene	10000	2500	8.6 (0.12)	0.034 J (0.12)	4 (0.12)	U (0.001)	0.00011 J (0.001)	0.0002 J (0.0011)	0.034 J (0.1)	0.05 (0.00087)	0.0026 (0.0013)	0.1 (0.0016)	U (0.0018)	0.84 (0.078)	0.0012 (0.00095)	0.0004 J (0.00089)
1,2-Dibromoethane	3.7	0.005	U (0.059)	U (0.063)	U (0.059)	U (0.00051)	U (0.00052)	U (0.00054)	U (0.051)	U (0.00044)	U (0.00066)	U (0.00082)	U (0.00088)	U (0.039)	U (0.00048)	U (0.00045)
1,2-Dichloroethane	85	0.5	U (0.12)	U (0.12)	U (0.12)	U (0.001)	U (0.001)	U (0.0011)	U (0.1)	U (0.00087)	U (0.0013)	U (0.0016)	U (0.0018)	U (0.078)	U (0.00095)	U (0.00089)
Ethyl Benzene	880	70	4.7 (0.12)	U (0.12)	0.1 J (0.12)	U (0.001)	U (0.001)	U (0.0011)	0.018 J (0.1)	0.00023 J (0.00087)	0.00019 J (0.0013)	U (0.0016)	U (0.0018)	0.32 (0.078)	U (0.00095)	0.00043 J (0.00089)
Methyl tert-butyl ether	8500	2	U (0.24)	U (0.25)	U (0.24)	U (0.002)	U (0.0021)	U (0.0022)	U (0.2)	U (0.0017)	U (0.0026)	U (0.0033)	U (0.0035)	U (0.16)	U (0.0019)	U (0.0018)
Toluene	10000	100	0.34 (0.12)	U (0.12)	0.13 (0.12)	U (0.001)	U (0.001)	U (0.0011)	U (0.1)	U (0.00087)	U (0.0013)	0.0014 J (0.0016)	U (0.0018)	0.16 (0.078)	U (0.00095)	0.00075 J (0.00089)
1,2,4-Trimethylbenzene	4700	300	25 (0.24)	U (0.25)	14 (0.24)	U (0.002)	U (0.0021)	0.00056 J (0.0022)	0.11 J (0.2)	U (0.0017)	0.00059 J (0.0026)	0.0025 J (0.0033)	U (0.0035)	1.3 (0.16)	0.0021 (0.0019)	0.0011 J (0.0018)
1,3,5-Trimethylbenzene	4700	93	5.9 (0.24)	U (0.25)	5.6 (0.24)	U (0.002)	U (0.0021)	U (0.0022)	0.03 J (0.2)	0.00039 J (0.0017)	U (0.0026)	U (0.0033)	U (0.0035)	0.13 J (0.16)	0.00098 J (0.0019)	0.00048 J (0.0018)
Xylenes (total)	7900	1000	8.2 J (0.24)	U (0.25)	1.64 J (0.24)	U (0.002)	0.00135 J (0.0021)	0.003 J (0.0022)	0.116 J (0.2)	0.005 J (0.0017)	0.00171 J (0.0026)	0.0083 J (0.0033)	U (0.0035)	1.26 J (0.16)	U (0.0019)	0.00145 J (0.0018)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-K15-C-c 104-K15-C	104-K18-C-c 104-K18-C	104-L05-C-a 104-L05-C	104-L07-C-d 104-L07-C	104-L08-C-b 104-L08-C	104-L09-C1-d 104-L09-C1	104-L09-C2-b 104-L09-C2	104-L10-C-c 104-L10-C	104-L11-C-b 104-L11-C	104-L12-C-a 104-L12-C	104-L16-C-d 104-L16-C	104-M05-C-b 104-M05-C	104-M06-C-c 104-M06-C	104-M07-C-a 104-M07-C
Field Sample ID	Numeric Value	Numeric Value	104-K15-C-VOC	104-K18-C-VOC	104-L05-C-VOC	104-L07-C-VOC	104-L08-C-VOC	104-L09-C1-VOC	104-L09-C2-VOC	104-L10-C-VOC	104-L11-C-VOC	104-L12-C-VOC	104-L16-C-VOC	104-M05-C-VOC	104-M06-C-VOC	104-M07-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		0 - 2.53	0 - 2.45	0 - 9.98	0 - 9.62	0 - 9.49	0 - 1.29	1.29 - 2.57	0 - 2.85	0 - 3.2	0 - 2.63	0 - 2.14	0 - 2.59	0 - 3.06	0 - 9.62
Sample Date	(mg/kg)	(mg/kg)	3/3/2021	3/8/2021	3/5/2021	3/5/2021	3/8/2021	3/4/2021	3/4/2021	3/3/2021	3/5/2021	3/3/2021	3/9/2021	3/5/2021	3/5/2021	3/5/2021
VOC																
Benzene	280	0.5	U (0.00066)	U (0.00069)	U (0.00053)	0.019 J (0.038)	0.018 J (0.034)	0.00069 (0.00052)	U (0.0005)	0.00056 J (0.00079)	0.00037 J (0.00059)	U (0.00054)	U (0.00052)	0.00013 J (0.0004)	U (0.00055)	U (0.00045)
Cumene	10000	2500	U (0.0013)	U (0.0014)	U (0.0011)	0.31 (0.075)	3.8 (0.068)	U (0.001)	U (0.00099)	0.00021 J (0.0016)	0.00051 J (0.0012)	U (0.0011)	U (0.001)	U (0.00079)	0.00054 J (0.0011)	0.0021 (0.0009)
1,2-Dibromoethane	3.7	0.005	U (0.00066)	U (0.00069)	U (0.00053)	U (0.038)	U (0.034)	U (0.00052)	U (0.0005)	U (0.00079)	U (0.00059)	U (0.00054)	U (0.00052)	U (0.0004)	U (0.00055)	U (0.00045)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0014)	U (0.0011)	U (0.075)	U (0.068)	U (0.001)	U (0.00099)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.001)	U (0.00079)	U (0.0011)	U (0.0009)
Ethyl Benzene	880	70	U (0.0013)	U (0.0014)	U (0.0011)	0.067 J (0.075)	0.077 (0.068)	0.00021 J (0.001)	U (0.00099)	0.00023 J (0.0016)	U (0.0012)	U (0.0011)	U (0.001)	U (0.00079)	U (0.0011)	0.00056 J (0.0009)
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0028)	U (0.0021)	U (0.15)	U (0.14)	U (0.0021)	U (0.002)	U (0.0032)	U (0.0024)	U (0.0022)	U (0.0021)	U (0.0016)	U (0.0022)	U (0.0018)
Toluene	10000	100	U (0.0013)	U (0.0014)	U (0.0011)	U (0.075)	0.046 J (0.068)	0.0014 (0.001)	U (0.00099)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.001)	U (0.00079)	U (0.0011)	U (0.0009)
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	U (0.0028)	0.0078 (0.0021)	0.055 J (0.15)	0.097 J (0.14)	U (0.0021)	U (0.002)	0.00069 J (0.0032)	U (0.0024)	U (0.0022)	U (0.0021)	U (0.0016)	U (0.0022)	U (0.0018)
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	U (0.0028)	0.0041 (0.0021)	0.015 J (0.15)	0.03 J (0.14)	U (0.0021)	U (0.002)	0.00035 J (0.0032)	U (0.0024)	U (0.0022)	U (0.0021)	U (0.0016)	U (0.0022)	0.00021 J (0.0018)
Xylenes (total)	7900	1000	U (0.0026)	U (0.0028)	0.00193 J (0.0021)	0.082 J (0.15)	0.184 J (0.14)	0.00137 J (0.0021)	U (0.002)	U (0.0032)	U (0.0024)	U (0.0022)	U (0.0021)	U (0.0016)	U (0.0022)	U (0.0018)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-M09-C-d 104-M09-C	104-N21-C-a 104-N21-C	104-O22-C-b 104-O22-C	LS-A-A01-a LS-A-A01	LS-A-A01-b LS-A-A01	LS-A-A01-b LS-A-A01	LS-A-A02-b LS-A-A02	LS-A-A02-c LS-A-A02	LS-A-A03-b LS-A-A03	LS-A-A03-c LS-A-A03	LS-A-A04-b LS-A-A04	LS-A-A04-d LS-A-A04	LS-A-A05-a LS-A-A05	LS-A-A05-a LS-A-A05
Field Sample ID	Numeric Value	Numeric Value	104-M09-C-VOC	104-N21-C-VOC	104-O22-C-VOC	LS-A-A01-C1-VOC	LS-A-A01-C2-VOC	LS-A-A01-C3-VOC	LS-A-A02-C1-VOC	LS-A-A02-C2-VOC	LS-A-A03-C1-VOC	LS-A-A03-C2-VOC	LS-A-A04-C1-VOC	LS-A-A04-C2-VOC	LS-A-A05-C1-VOC	LS-A-A05-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	0 - 3.2	0 - 4.14	0 - 4.14	0.3 - 0.5	0.8 - 0.9	1.2 - 1.4	0.3 - 0.5	0.9 - 1.1	0.3 - 0.5	1.1 - 1.2	0.3 - 0.5	1.5 - 1.7	0.6 - 0.8	2.3 - 2.4
Sample Date	(mg/kg)	(mg/kg)	3/3/2021	3/9/2021	3/9/2021	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023
VOC																
Benzene	280	0.5	0.0007 (0.00063)	U (0.00049)	0.0016 (0.00051)	U (0.00049)	U (0.00053)	0.00028 J (0.00071)	0.00017 J (0.00049)	0.00032 J (0.00064)	U (0.00045)	U (0.00047)	0.0094 (0.00042)	U (0.00044)	U (0.00068)	0.0002 J (0.00061)
Cumene	10000	2500	0.0034 (0.0013)	0.0023 (0.00098)	0.00064 J (0.001)	U (0.00098)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.0013)	U (0.0009)	U (0.00094)	U (0.00085)	0.0002 J (0.00088)	U (0.0014)	0.00025 J (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00063)	U (0.00049)	0.00086 (0.00051)	U (0.00049)	U (0.00053)	U (0.00071)	U (0.00049)	U (0.00064)	U (0.00045)	U (0.00047)	U (0.00042)	U (0.00044)	U (0.00068)	U (0.00061)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.00098)	0.00028 J (0.001)	U (0.00098)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.0013)	U (0.0009)	U (0.00094)	U (0.00085)	U (0.00088)	U (0.0014)	U (0.0012)
Ethyl Benzene	880	70	0.0023 (0.0013)	U (0.00098)	0.0034 (0.001)	U (0.00098)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.0013)	U (0.0009)	U (0.00094)	U (0.00085)	0.00012 J (0.00088)	U (0.0014)	0.0003 J (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.002)	U (0.002)	U (0.002)	U (0.0021)	U (0.0028)	U (0.002)	U (0.0026)	U (0.0018)	U (0.0019)	U (0.0017)	U (0.0018)	U (0.0027)	U (0.0024)
Toluene	10000	100	U (0.0013)	U (0.00098)	0.0017 (0.001)	U (0.00098)	U (0.0011)	U (0.0014)	U (0.00098)	0.00072 J (0.0013)	U (0.0009)	U (0.00094)	U (0.00085)	U (0.00088)	U (0.0014)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	0.00092 J (0.0025)	U (0.002)	0.0049 (0.002)	U (0.002)	U (0.0021)	U (0.0028)	U (0.002)	0.00052 J (0.0026)	U (0.0018)	U (0.0019)	U (0.0017)	U (0.0018)	U (0.0027)	U (0.0024)
1,3,5-Trimethylbenzene	4700	93	0.0005 J (0.0025)	U (0.002)	0.0024 (0.002)	U (0.002)	U (0.0021)	U (0.0028)	U (0.002)	0.0011 J (0.0026)	U (0.0018)	U (0.0019)	U (0.0017)	U (0.0018)	U (0.0027)	U (0.0024)
Xylenes (total)	7900	1000	0.00559 J (0.0025)	U (0.002)	0.00657 J (0.002)	U (0.002)	U (0.0021)	U (0.0028)	U (0.002)	0.00182 J (0.0026)	U (0.0018)	U (0.0019)	U (0.0017)	U (0.0018)	U (0.0027)	U (0.0024)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-B01-b LS-A-B01	LS-A-B01-c LS-A-B01	LS-A-B02-c LS-A-B02	LS-A-B03-a LS-A-B03	LS-A-C01-a LS-A-C01	LS-A-C01-c LS-A-C01	LS-A-C02-a LS-A-C02	LS-A-C02-b LS-A-C02	LS-A-C03-c LS-A-C03	LS-A-C03-d LS-A-C03	LS-A-C04-c LS-A-C04	LS-A-C05-b LS-A-C05	LS-A-D01-b LS-A-D01	LS-A-D01-b LS-A-D01
Field Sample ID	Numeric Value	Numeric Value	LS-A-B01-C2-VOC	LS-A-B01-C1-VOC	LS-A-B02-C1-VOC	LS-A-B03-C1-VOC	LS-A-C01-C2-VOC	LS-A-C01-C1-VOC	LS-A-C02-C1-VOC	LS-A-C02-C2-VOC	LS-A-C03-C1-VOC	LS-A-C03-C2-VOC	LS-A-C04-C1-VOC	LS-A-C05-C1-VOC	LS-A-D01-C3-VOC	LS-A-D01-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		2.1 - 2.3	0.6 - 0.8	0.9 - 1.1	1.8 - 2.0	1.4 - 1.5	0.5 - 0.6	0.8 - 0.9	1.4 - 1.5	1.1 - 1.2	2.9 - 3.0	1.4 - 1.5	0.9 - 1.1	2.7 - 2.9	3.5 - 3.7
Sample Date	(mg/kg)	(mg/kg)	5/1/2023	5/1/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/3/2023	5/23/2023	5/23/2023
VOC																
Benzene	280	0.5	0.12 (0.044)	0.00035 J (0.00069)	U (0.00044)	0.0079 (0.00044)	U (0.00044)	U (0.0007)	U (0.00057)	U (0.00059)	0.12 (0.026)	U (0.028)	U (0.00048)	0.34 (0.028)	U (0.00048)	1.4 (0.029)
Cumene	10000	2500	0.089 (0.088)	U (0.0014)	U (0.00088)	0.002 (0.00088)	0.00053 J (0.00088)	U (0.0014)	U (0.0011)	0.023 (0.0012)	3.6 (0.052)	3.4 (0.057)	U (0.00097)	1.6 (0.056)	U (0.00095)	1 (0.058)
1,2-Dibromoethane	3.7	0.005	U (0.044)	U (0.00069)	U (0.00044)	U (0.00044)	U (0.00044)	U (0.0007)	U (0.00057)	U (0.00059)	U (0.026)	U (0.028)	U (0.00048)	U (0.028)	U (0.00048)	U (0.029)
1,2-Dichloroethane	85	0.5	U (0.088)	U (0.0014)	U (0.00088)	U (0.00088)	U (0.00088)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.052)	U (0.057)	U (0.00097)	U (0.056)	U (0.00095)	U (0.058)
Ethyl Benzene	880	70	0.11 (0.088)	0.00025 J (0.0014)	U (0.00088)	0.00082 J (0.00088)	U (0.00088)	U (0.0014)	U (0.0011)	U (0.0012)	0.14 (0.052)	0.015 J (0.057)	U (0.00097)	0.24 (0.056)	U (0.00095)	0.33 (0.058)
Methyl tert-butyl ether	8500	2	U (0.18)	U (0.0028)	U (0.0018)	U (0.0018)	U (0.0018)	U (0.0028)	U (0.0023)	U (0.0024)	U (0.1)	U (0.11)	U (0.0019)	U (0.11)	U (0.0019)	U (0.12)
Toluene	10000	100	0.12 (0.088)	0.0034 (0.0014)	U (0.00088)	0.0014 (0.00088)	U (0.00088)	U (0.0014)	U (0.0011)	U (0.0012)	0.073 (0.052)	0.034 J (0.057)	U (0.00097)	0.13 (0.056)	U (0.00095)	0.54 (0.058)
1,2,4-Trimethylbenzene	4700	300	0.92 (0.18)	U (0.0028)	U (0.0018)	0.00048 J (0.0018)	U (0.0018)	U (0.0028)	U (0.0023)	0.00071 J (0.0024)	1.5 (0.1)	U (0.11)	U (0.0019)	1.5 (0.11)	0.00036 J (0.0019)	10 (0.12)
1,3,5-Trimethylbenzene	4700	93	0.46 (0.18)	U (0.0028)	U (0.0018)	0.0005 J (0.0018)	U (0.0018)	U (0.0028)	U (0.0023)	U (0.0024)	0.12 (0.1)	0.015 J (0.11)	U (0.0019)	0.52 (0.11)	U (0.0019)	0.24 (0.12)
Xylenes (total)	7900	1000	0.3 J (0.18)	0.00128 J (0.0028)	U (0.0018)	0.00315 J (0.0018)	U (0.0018)	U (0.0028)	U (0.0023)	0.0051 J (0.0024)	0.29 J (0.1)	0.46 J (0.11)	U (0.0019)	1.55 J (0.11)	U (0.0019)	2.2 J (0.12)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-D01-c LS-A-D01	LS-A-D01-d LS-A-D01	LS-A-D02-c LS-A-D02	LS-A-D02-c LS-A-D02	LS-A-D02-c LS-A-D02	LS-A-D02-c LS-A-D02	LS-A-D02-c LS-A-D02	LS-A-D03-a LS-A-D03	LS-A-D03-b LS-A-D03	LS-A-D04-c LS-A-D04	LS-A-D04-c LS-A-D04	LS-A-D04-c LS-A-D04	LS-A-D04-d LS-A-D04	LS-A-D04-d LS-A-D04	LS-A-D05-c LS-A-D05
Field Sample ID	Numeric Value	Numeric Value	2.1 - 2.3	2.1 - 2.2	0.3 - 0.5	0.8 - 0.9	1.2 - 1.4	1.7 - 1.8	1.7 - 1.8	0.6 - 0.8	0.6 - 0.8	0.9 - 1.1	1.2 - 1.4	0.2 - 0.3	0.3 - 0.5	0.2 - 0.3	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023	5/4/2023
VOC																	
Benzene	280	0.5	0.89 (0.033)	0.032 (0.025)	0.00029 J (0.00048)	0.0026 (0.00061)	0.00038 J (0.00048)	0.0014 (0.00047)	0.00081 (0.00046)	0.00036 J (0.00045)	0.005 (0.0005)	0.0073 (0.00045)	0.00026 J (0.00046)	0.00028 J (0.00056)	0.00019 J (0.00057)	0.0032 (0.00048)	
Cumene	10000	2500	1.1 (0.065)	0.59 (0.05)	U (0.00096)	0.00049 J (0.0012)	0.00022 J (0.00096)	0.00051 J (0.00094)	0.0022 (0.00091)	0.025 (0.00089)	U (0.001)	0.026 (0.0009)	0.0056 (0.00092)	U (0.0011)	0.00018 J (0.0011)	0.00049 J (0.00096)	
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.025)	U (0.00048)	U (0.00061)	U (0.00048)	U (0.00047)	U (0.00046)	U (0.00045)	U (0.0005)	U (0.00045)	U (0.00046)	U (0.00056)	U (0.00057)	U (0.00048)	
1,2-Dichloroethane	85	0.5	U (0.065)	U (0.05)	U (0.00096)	U (0.0012)	U (0.00096)	U (0.00094)	U (0.00091)	U (0.00089)	U (0.001)	U (0.0009)	U (0.00092)	U (0.0011)	U (0.0011)	U (0.00096)	
Ethyl Benzene	880	70	1.3 (0.065)	0.019 J (0.05)	U (0.00096)	U (0.0012)	U (0.00096)	0.0003 J (0.00094)	0.00016 J (0.00091)	0.00018 J (0.00089)	0.00019 J (0.001)	0.0013 (0.0009)	0.00034 J (0.00092)	U (0.0011)	U (0.0011)	0.01 (0.00096)	
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.1)	U (0.0019)	U (0.0024)	U (0.0019)	U (0.0019)	U (0.0018)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0018)	U (0.0022)	U (0.0023)	U (0.0019)	
Toluene	10000	100	0.35 (0.065)	0.033 J (0.05)	U (0.00096)	0.00086 J (0.0012)	U (0.00096)	U (0.00094)	0.00077 J (0.00091)	0.00093 (0.00089)	0.00064 J (0.001)	0.002 (0.0009)	U (0.00092)	U (0.0011)	U (0.0011)	0.0049 (0.00096)	
1,2,4-Trimethylbenzene	4700	300	2.9 (0.13)	0.034 J (0.1)	U (0.0019)	0.0006 J (0.0024)	U (0.0019)	0.00031 J (0.0019)	U (0.0018)	U (0.0018)	U (0.002)	U (0.0018)	0.00064 J (0.0018)	U (0.0022)	U (0.0023)	0.015 (0.0019)	
1,3,5-Trimethylbenzene	4700	93	0.051 J (0.13)	U (0.1)	U (0.0019)	0.00064 J (0.0024)	0.00024 J (0.0019)	0.00061 J (0.0019)	0.00018 J (0.0018)	U (0.0018)	U (0.002)	0.00039 J (0.0018)	0.00021 J (0.0018)	U (0.0022)	U (0.0023)	0.012 (0.0019)	
Xylenes (total)	7900	1000	1.08 J (0.13)	0.192 J (0.1)	U (0.0019)	0.00178 J (0.0024)	U (0.0019)	0.00137 J (0.0019)	0.00408 J (0.0018)	0.00128 J (0.0018)	U (0.002)	0.0078 J (0.0018)	0.00112 J (0.0018)	U (0.0022)	U (0.0023)	0.023 J (0.0019)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-D05-c LS-A-D05	LS-A-D05-c LS-A-D05	LS-A-D05-c LS-A-D05	LS-A-D06-a LS-A-D06	LS-A-D06-a LS-A-D06	LS-A-D06-b LS-A-D06	LS-A-D06-b LS-A-D06	LS-A-D06-b LS-A-D06	LS-A-D06-d LS-A-D06	LS-A-D07-a LS-A-D07	LS-A-D07-b LS-A-D07	LS-A-D07-c LS-A-D07	LS-A-D07-c LS-A-D07	LS-A-D07-c LS-A-D07	LS-A-E02-a LS-A-E02
Field Sample ID	Numeric Value	Numeric Value	1.4 - 1.5	2.1 - 2.3	2.9 - 3.0	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.4 - 1.5	1.4 - 1.5	1.1 - 1.2	0.6 - 0.8	0.2 - 0.3	1.2 - 1.4	2.0 - 2.1	2.4 - 2.6	1.5 - 1.7
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/5/2023
VOC																	
Benzene	280	0.5	0.00037 J (0.00046)	0.031 J (0.036)	U (0.031)	0.00017 J (0.00045)	U (0.00045)	0.21 J (0.3)	0.17 (0.034)	0.033 J (0.034)	0.47 (0.027)	0.00018 J (0.00052)	U (0.025)	0.017 J (0.025)	0.092 (0.024)	U (0.028)	
Cumene	10000	2500	0.00043 J (0.00091)	0.012 J (0.072)	4.9 (0.063)	U (0.0009)	U (0.0009)	20 (0.61)	4.3 (0.068)	1.2 (0.068)	2.2 (0.054)	U (0.001)	0.64 (0.05)	0.55 (0.05)	0.77 (0.048)	1.1 (0.056)	
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.036)	U (0.031)	U (0.00045)	U (0.00045)	U (0.3)	U (0.034)	U (0.034)	U (0.027)	U (0.00052)	U (0.025)	U (0.025)	U (0.024)	U (0.028)	
1,2-Dichloroethane	85	0.5	U (0.00091)	U (0.072)	U (0.063)	U (0.0009)	U (0.0009)	U (0.61)	U (0.068)	U (0.068)	U (0.054)	U (0.001)	U (0.05)	U (0.05)	U (0.048)	U (0.056)	
Ethyl Benzene	880	70	0.0004 J (0.00091)	U (0.072)	0.04 J (0.063)	U (0.0009)	U (0.0009)	0.95 (0.61)	0.31 (0.068)	0.17 (0.068)	0.22 (0.054)	U (0.001)	0.0088 J (0.05)	0.0089 J (0.05)	0.062 (0.048)	U (0.056)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.14)	U (0.12)	U (0.0018)	U (0.0018)	U (1.2)	U (0.14)	U (0.14)	U (0.11)	U (0.0021)	U (0.1)	U (0.1)	U (0.096)	U (0.11)	
Toluene	10000	100	0.00062 J (0.00091)	0.05 J (0.072)	U (0.063)	U (0.0009)	U (0.0009)	0.67 (0.61)	0.56 (0.068)	0.041 J (0.068)	0.14 (0.054)	U (0.001)	U (0.05)	U (0.05)	0.071 (0.048)	U (0.056)	
1,2,4-Trimethylbenzene	4700	300	0.0014 J (0.0018)	U (0.14)	0.27 (0.12)	U (0.0018)	U (0.0018)	2 (1.2)	0.37 (0.14)	0.16 (0.14)	0.1 J (0.11)	U (0.0021)	0.057 J (0.1)	0.062 J (0.1)	0.7 (0.096)	0.084 J (0.11)	
1,3,5-Trimethylbenzene	4700	93	0.00051 J (0.0018)	U (0.14)	0.45 (0.12)	U (0.0018)	U (0.0018)	0.55 J (1.2)	0.11 J (0.14)	0.02 J (0.14)	0.022 J (0.11)	U (0.0021)	0.028 J (0.1)	0.026 J (0.1)	0.2 (0.096)	0.046 J (0.11)	
Xylenes (total)	7900	1000	0.00249 J (0.0018)	0.188 J (0.14)	0.57 J (0.12)	U (0.0018)	U (0.0018)	3.78 J (1.2)	1.05 J (0.14)	0.215 J (0.14)	0.47 J (0.11)	U (0.0021)	0.15 J (0.1)	0.138 J (0.1)	0.18 J (0.096)	0.142 J (0.11)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-E02-b LS-A-E02	LS-A-E02-b LS-A-E02	LS-A-E02-b LS-A-E02	LS-A-E02-b LS-A-E02	LS-A-E03-a LS-A-E03	LS-A-E03-a LS-A-E03	LS-A-E03-a LS-A-E03	LS-A-E03-a LS-A-E03	LS-A-E03-a LS-A-E03	LS-A-E03-a LS-A-E03	LS-A-E04-b LS-A-E04	LS-A-E04-b LS-A-E04	LS-A-E05-a LS-A-E05	LS-A-E05-a LS-A-E05	LS-A-E05-d LS-A-E05
Field Sample ID	Numeric Value	Numeric Value	LS-A-E02-C1-VOC	LS-A-E02-C2-VOC	LS-A-E02-C3-VOC	LS-A-E02-C4-VOC	LS-A-E03-C1-VOC	LS-A-E03-C2-VOC	LS-A-E03-C3-VOC	LS-A-E03-C4-VOC	LS-A-E03-C5-VOC	LS-A-E04-C1-VOC	LS-A-E04-C2-VOC	LS-A-E05-C2-VOC	LS-A-E05-C3-VOC	LS-A-E05-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)		0.2 - 0.3	0.5 - 0.6	0.9 - 1.1	1.2 - 1.4	0.2 - 0.3	0.6 - 0.8	1.2 - 1.4	1.4 - 1.5	1.7 - 1.8	0.8 - 0.9	1.7 - 1.8	1.4 - 1.5	2.0 - 2.1	0.2 - 0.3	
Sample Date	(mg/kg)	(mg/kg)	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	
VOC																	
Benzene	280	0.5	U (0.00045)	0.00032 J (0.00049)	U (0.00041)	0.0012 (0.00049)	0.00051 J (0.00059)	0.0021 (0.0006)	0.66 (0.034)	0.04 (0.028)	0.4 (0.044)	0.19 (0.00057)	2.3 (0.036)	0.00023 J (0.00046)	0.00069 (0.00058)	0.00035 J (0.00056)	
Cumene	10000	2500	U (0.0009)	U (0.00098)	U (0.00082)	0.00099 (0.00097)	U (0.0012)	0.036 (0.0012)	2.6 (0.069)	1.8 (0.057)	3.1 (0.088)	0.033 (0.0011)	2.4 (0.073)	0.00023 J (0.00092)	0.0006 J (0.0012)	U (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.00045)	U (0.00049)	U (0.00041)	U (0.00049)	U (0.00059)	U (0.0006)	U (0.034)	U (0.028)	U (0.044)	U (0.00057)	U (0.036)	U (0.00046)	U (0.00058)	U (0.00056)	
1,2-Dichloroethane	85	0.5	U (0.0009)	U (0.00098)	U (0.00082)	U (0.00097)	U (0.0012)	U (0.0012)	U (0.069)	U (0.057)	U (0.088)	U (0.0011)	U (0.073)	U (0.00092)	U (0.0012)	U (0.0011)	
Ethyl Benzene	880	70	U (0.0009)	U (0.00098)	U (0.00082)	U (0.00097)	U (0.0012)	0.00099 J (0.0012)	0.33 (0.069)	0.016 J (0.057)	0.26 (0.088)	0.0023 (0.0011)	0.18 (0.073)	0.00023 J (0.00092)	0.00034 J (0.0012)	U (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.002)	U (0.0016)	U (0.0019)	U (0.0024)	U (0.0024)	U (0.14)	U (0.11)	U (0.18)	U (0.0023)	U (0.14)	U (0.0018)	U (0.0023)	U (0.0022)	
Toluene	10000	100	U (0.0009)	U (0.00098)	U (0.00082)	0.00053 J (0.00097)	U (0.0012)	0.00082 J (0.0012)	0.28 (0.069)	U (0.057)	0.46 (0.088)	0.0029 (0.0011)	0.31 (0.073)	U (0.00092)	0.0014 (0.0012)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.002)	U (0.0016)	U (0.0019)	U (0.0024)	0.0007 J (0.0024)	0.64 (0.14)	0.077 J (0.11)	0.32 (0.18)	0.00068 J (0.0023)	3.5 (0.14)	0.003 (0.0018)	0.00093 J (0.0023)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.002)	U (0.0016)	U (0.0019)	U (0.0024)	U (0.0024)	0.18 (0.14)	0.027 J (0.11)	0.082 J (0.18)	U (0.0023)	2.2 (0.14)	0.0014 J (0.0018)	0.0004 J (0.0023)	U (0.0022)	
Xylenes (total)	7900	1000	U (0.0018)	U (0.002)	U (0.0016)	0.00094 J (0.0019)	U (0.0024)	0.00182 J (0.0024)	0.72 J (0.14)	0.106 J (0.11)	0.73 J (0.18)	0.0042 J (0.0023)	1.75 J (0.14)	0.0018 J (0.0018)	0.0024 J (0.0023)	U (0.0022)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-E06-c LS-A-E06	LS-A-E06-d LS-A-E06	LS-A-E07-c LS-A-E07	LS-A-E08-a LS-A-E08	LS-A-E08-a LS-A-E08	LS-A-E08-a LS-A-E08	LS-A-E08-a LS-A-E08	LS-A-F01-b LS-A-F01	LS-A-F03-d LS-A-F03	LS-A-F04-c LS-A-F04	LS-A-F05-b LS-A-F05	LS-A-G01-a LS-A-G01	LS-A-G01-b LS-A-G01	LS-A-G01-c LS-A-G01	LS-A-G02-a LS-A-G02
Field Sample ID	Numeric Value	Numeric Value	LS-A-E06-C2-VOC	LS-A-E06-C1-VOC	LS-A-E07-C1-VOC	LS-A-E08-C1-VOC	LS-A-E08-C2-VOC	LS-A-E08-C3-VOC	LS-A-E08-C3-VOC	LS-A-F01-C1-VOC	LS-A-F03-C1-VOC	LS-A-F04-C1-VOC	LS-A-F05-C1-VOC	LS-A-G01-C2-VOC	LS-A-G01-C1-VOC	LS-A-G01-C3-VOC	LS-A-G02-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		1.4 - 1.5	1.2 - 1.4	3.7 - 3.8	1.5 - 1.7	2.4 - 2.6	3.4 - 3.5	3.4 - 3.5	1.4 - 1.5	1.1 - 1.2	1.2 - 1.4	1.1 - 1.2	0.6 - 0.8	0.3 - 0.5	1.5 - 1.7	3.8 - 4.0
Sample Date	(mg/kg)	(mg/kg)	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/9/2023	5/8/2023	5/25/2023	5/25/2023	5/22/2023	5/22/2023	5/22/2023	5/11/2023
VOC																	
Benzene	280	0.5	0.026 (0.026)	0.00033 J (0.00048)	U (0.03)	U (0.00064)	U (0.059)	U (0.026)	0.012 (0.00069)	3.1 (0.036)	0.015 J (0.027)	U (0.00072)	0.00043 (0.00043)	U (0.00044)	U (0.00064)	U (0.021)	
Cumene	10000	2500	0.26 (0.052)	0.045 (0.00096)	0.026 J (0.059)	U (0.0013)	1.5 (0.12)	0.67 (0.052)	U (0.0014)	1.6 (0.071)	0.72 (0.053)	U (0.0014)	U (0.00086)	U (0.00087)	U (0.0013)	6.2 (0.041)	
1,2-Dibromoethane	3.7	0.005	U (0.026)	U (0.00048)	U (0.03)	U (0.00064)	U (0.059)	U (0.026)	U (0.00069)	U (0.036)	U (0.027)	U (0.00072)	U (0.00043)	U (0.00044)	U (0.00064)	U (0.021)	
1,2-Dichloroethane	85	0.5	U (0.052)	U (0.00096)	U (0.059)	U (0.0013)	U (0.12)	U (0.052)	U (0.0014)	U (0.071)	U (0.053)	U (0.0014)	U (0.00086)	U (0.00087)	U (0.0013)	U (0.041)	
Ethyl Benzene	880	70	0.034 J (0.052)	0.00068 J (0.00096)	U (0.059)	U (0.0013)	U (0.12)	0.0094 J (0.052)	0.00025 J (0.0014)	0.84 (0.071)	0.031 J (0.053)	U (0.0014)	U (0.00086)	U (0.00087)	U (0.0013)	0.014 J (0.041)	
Methyl tert-butyl ether	8500	2	U (0.1)	0.0004 J (0.0019)	U (0.12)	U (0.0026)	U (0.24)	U (0.1)	U (0.0028)	U (0.14)	U (0.11)	U (0.0029)	U (0.0017)	U (0.0017)	U (0.0025)	U (0.082)	
Toluene	10000	100	0.038 J (0.052)	0.00063 J (0.00096)	U (0.059)	U (0.0013)	U (0.12)	U (0.052)	0.0011 J (0.0014)	0.69 (0.071)	U (0.053)	U (0.0014)	U (0.00086)	U (0.00087)	U (0.0013)	0.033 J (0.041)	
1,2,4-Trimethylbenzene	4700	300	0.051 J (0.1)	0.0011 J (0.0019)	U (0.12)	U (0.0026)	U (0.24)	0.021 J (0.1)	U (0.0028)	20 (0.14)	0.025 J (0.11)	U (0.0029)	U (0.0017)	U (0.0017)	U (0.0025)	0.33 (0.082)	
1,3,5-Trimethylbenzene	4700	93	0.016 J (0.1)	0.00042 J (0.0019)	U (0.12)	U (0.0026)	U (0.24)	U (0.1)	U (0.0028)	6.2 (0.14)	0.011 J (0.11)	U (0.0029)	U (0.0017)	U (0.0017)	U (0.0025)	0.089 (0.082)	
Xylenes (total)	7900	1000	0.097 J (0.1)	0.0074 J (0.0019)	U (0.12)	U (0.0026)	U (0.24)	0.066 J (0.1)	U (0.0028)	7.8 J (0.14)	0.075 J (0.11)	U (0.0029)	U (0.0017)	U (0.0017)	U (0.0025)	0.112 J (0.082)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-G02-b LS-A-G02	LS-A-G02-b LS-A-G02	LS-A-G03-b LS-A-G03	LS-A-G03-b LS-A-G03	LS-A-G04-b LS-A-G04	LS-A-G04-c LS-A-G04	LS-A-G04-c LS-A-G04	LS-A-G05-b LS-A-G05	LS-A-G05-c LS-A-G05	LS-A-G05-c LS-A-G05	LS-A-G05-d LS-A-G05	LS-A-G05-d LS-A-G05	LS-A-G06-a LS-A-G06	LS-A-G06-a LS-A-G06
Field Sample ID	Numeric Value	Numeric Value	1.8 - 2.0	2.3 - 2.4	4.1 - 4.3	5.8 - 5.9	1.1 - 1.2	2.0 - 2.1	2.7 - 2.9	5.5 - 5.6	1.7 - 1.8	2.7 - 2.9	2.6 - 2.7	3.7 - 3.8	1.2 - 1.4	1.6 - 1.8
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	5/11/2023	5/11/2023	5/10/2023	5/10/2023	5/11/2023	5/11/2023	5/11/2023	5/10/2023	5/10/2023	5/10/2023	5/10/2023	5/10/2023	5/22/2023	5/22/2023
VOC																
Benzene	280	0.5	U (0.022)	U (0.24)	U (0.027)	U (0.25)	U (0.024)	U (0.024)	U (0.023)	U (0.023)	U (0.023)	U (0.023)	0.00033 J (0.00036)	0.00022 J (0.00053)	0.054 (0.035)	U (0.0005)
Cumene	10000	2500	0.37 (0.044)	22 (0.48)	3.2 (0.053)	14 (0.51)	1 (0.047)	0.46 (0.048)	1.2 (0.047)	9.6 (0.046)	1.3 (0.045)	1.1 (0.045)	0.00016 J (0.00073)	0.15 (0.0011)	0.056 J (0.07)	0.00066 J (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.022)	U (0.24)	U (0.027)	U (0.25)	U (0.024)	U (0.024)	U (0.023)	U (0.023)	U (0.023)	U (0.023)	U (0.00036)	U (0.00053)	U (0.035)	U (0.0005)
1,2-Dichloroethane	85	0.5	U (0.044)	U (0.48)	U (0.053)	U (0.51)	U (0.047)	U (0.048)	U (0.047)	U (0.046)	U (0.045)	U (0.045)	U (0.00073)	U (0.0011)	U (0.07)	U (0.001)
Ethyl Benzene	880	70	U (0.044)	U (0.48)	U (0.053)	U (0.51)	U (0.047)	U (0.048)	U (0.047)	0.032 J (0.046)	U (0.045)	U (0.045)	0.00012 J (0.00073)	0.003 (0.0011)	0.011 J (0.07)	U (0.001)
Methyl tert-butyl ether	8500	2	U (0.087)	U (0.95)	U (0.11)	U (1)	U (0.095)	U (0.097)	U (0.093)	U (0.093)	U (0.091)	U (0.091)	U (0.0014)	U (0.0021)	U (0.14)	U (0.002)
Toluene	10000	100	U (0.044)	U (0.48)	U (0.053)	U (0.51)	U (0.047)	U (0.048)	0.034 J (0.047)	0.03 J (0.046)	U (0.045)	U (0.045)	U (0.00073)	0.0016 (0.0011)	0.038 J (0.07)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	0.028 J (0.087)	U (0.95)	0.094 J (0.11)	U (1)	U (0.095)	0.039 J (0.097)	0.42 (0.093)	0.092 J (0.093)	U (0.091)	U (0.091)	0.00029 J (0.0014)	0.024 (0.0021)	U (0.14)	U (0.002)
1,3,5-Trimethylbenzene	4700	93	0.014 J (0.087)	U (0.95)	0.037 J (0.11)	U (1)	U (0.095)	0.013 J (0.097)	0.13 (0.093)	0.092 J (0.093)	U (0.091)	U (0.091)	U (0.0014)	0.0033 (0.0021)	U (0.14)	U (0.002)
Xylenes (total)	7900	1000	U (0.087)	U (0.95)	0.21 J (0.11)	U (1)	0.0715 J (0.095)	U (0.097)	0.261 J (0.093)	0.332 J (0.093)	0.0685 J (0.091)	0.091 J (0.091)	U (0.0014)	0.0242 J (0.0021)	U (0.14)	U (0.002)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-G07-c LS-A-G07	LS-A-G08-d LS-A-G08	LS-A-H01-c LS-A-H01	LS-A-H01-d LS-A-H01	LS-A-H01-d LS-A-H01	LS-A-H02-b LS-A-H02	LS-A-H02-b LS-A-H02	LS-A-H02-b LS-A-H02	LS-A-H02-b LS-A-H02	LS-A-H02-c LS-A-H02	LS-A-H03-d LS-A-H03	LS-A-H03-d LS-A-H03	LS-A-H03-d LS-A-H03	LS-A-H04-a LS-A-H04
Field Sample ID	Numeric Value	Numeric Value	0.9 - 1.1	0.9 - 1.1	3.4 - 3.5	2.3 - 2.4	3.0 - 3.2	1.7 - 1.8	2.1 - 2.3	2.3 - 2.4	2.6 - 2.7	1.2 - 1.4	2.3 - 2.4	2.7 - 2.9	3.8 - 4.0	1.7 - 1.8
Collection Depth (ft bgs)	(0-2 ft bgs)		0.9 - 1.1	0.9 - 1.1	3.4 - 3.5	2.3 - 2.4	3.0 - 3.2	1.7 - 1.8	2.1 - 2.3	2.3 - 2.4	2.6 - 2.7	1.2 - 1.4	2.3 - 2.4	2.7 - 2.9	3.8 - 4.0	1.7 - 1.8
Sample Date	(mg/kg)	(mg/kg)	5/24/2023	5/24/2023	5/11/2023	5/11/2023	5/11/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/12/2023	5/12/2023	5/12/2023	5/18/2023
VOC																
Benzene	280	0.5	U (0.00044)	0.00056 (0.00042)	U (0.00044)	0.012 J (0.022)	0.26 (0.021)	0.0096 (0.00061)	U (0.026)	U (0.026)	U (0.022)	0.032 J (0.036)	U (0.026)	0.012 J (0.027)	U (0.028)	0.00024 J (0.00053)
Cumene	10000	2500	U (0.00089)	U (0.00083)	0.01 (0.00088)	2.2 (0.045)	4 (0.043)	0.017 (0.0012)	0.34 (0.052)	0.33 (0.051)	0.21 (0.045)	0.052 J (0.071)	5 (0.052)	0.48 (0.053)	2.4 (0.057)	0.048 (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00044)	U (0.00042)	U (0.00044)	U (0.022)	U (0.021)	U (0.00049)	U (0.026)	U (0.026)	U (0.022)	U (0.036)	U (0.026)	U (0.027)	U (0.028)	U (0.00053)
1,2-Dichloroethane	85	0.5	U (0.00089)	U (0.00083)	U (0.00088)	U (0.045)	U (0.043)	U (0.00098)	U (0.052)	U (0.051)	U (0.045)	U (0.071)	U (0.052)	U (0.053)	U (0.057)	U (0.0011)
Ethyl Benzene	880	70	U (0.00089)	U (0.00083)	U (0.00088)	0.15 (0.045)	0.21 (0.043)	0.005 (0.0012)	U (0.052)	U (0.051)	U (0.045)	0.046 J (0.071)	U (0.052)	U (0.053)	U (0.057)	0.00069 J (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0017)	U (0.0018)	U (0.09)	U (0.086)	U (0.002)	U (0.1)	U (0.1)	U (0.09)	U (0.14)	U (0.1)	U (0.11)	U (0.11)	U (0.0021)
Toluene	10000	100	U (0.00089)	U (0.00083)	U (0.00088)	U (0.045)	0.069 (0.043)	0.0097 (0.0012)	U (0.052)	U (0.051)	U (0.045)	0.085 (0.071)	U (0.052)	0.052 J (0.053)	U (0.057)	0.00092 J (0.0011)
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0017)	0.0015 J (0.0018)	0.1 (0.09)	0.1 (0.086)	0.082 (0.0024)	U (0.1)	0.023 J (0.1)	0.055 J (0.09)	0.078 J (0.14)	U (0.1)	U (0.11)	U (0.11)	0.0036 (0.0021)
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0017)	0.00073 J (0.0018)	U (0.09)	0.012 J (0.086)	0.031 (0.0024)	0.021 J (0.1)	0.042 J (0.1)	0.037 J (0.09)	0.024 J (0.14)	U (0.1)	0.01 J (0.11)	U (0.11)	0.0057 (0.0021)
Xylenes (total)	7900	1000	U (0.0018)	U (0.0017)	0.00182 J (0.0018)	U (0.09)	0.0935 J (0.086)	0.06 J (0.0024)	0.137 J (0.1)	0.138 J (0.1)	0.088 J (0.09)	0.193 J (0.14)	U (0.1)	0.085 J (0.11)	U (0.11)	0.0148 J (0.0021)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-H04-a LS-A-H04	LS-A-H04-b LS-A-H04	LS-A-H05-a LS-A-H05	LS-A-H05-c LS-A-H05	LS-A-H06-c LS-A-H06	LS-A-H07-b LS-A-H07	LS-A-I01-d LS-A-I01	LS-A-I02-d LS-A-I02	LS-A-I03-c LS-A-I03	LS-A-I03-d LS-A-I03	LS-A-I03-d LS-A-I03	LS-A-I03-d LS-A-I03	LS-A-I04-c LS-A-I04	LS-A-I04-c LS-A-I04
Field Sample ID	Numeric Value	Numeric Value	2.1 - 2.3	2.6 - 2.7	2.7 - 2.9	4.4 - 4.6	2.3 - 2.4	1.8 - 2.0	1.1 - 1.2	0.3 - 0.5	3.2 - 3.4	1.8 - 2.0	2.3 - 2.4	2.9 - 3.0	1.8 - 2.0	2.3 - 2.4
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	5/18/2023	5/18/2023	5/12/2023	5/12/2023	5/12/2023	5/18/2023	5/23/2023	5/23/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023
Sample Date	(mg/kg)	(mg/kg)	5/18/2023	5/18/2023	5/12/2023	5/12/2023	5/12/2023	5/18/2023	5/23/2023	5/23/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023
VOC																
Benzene	280	0.5	U (0.00044)	U (0.024)	U (0.028)	U (0.022)	U (0.028)	U (0.024)	0.025 J (0.03)	U (0.00038)	0.015 (0.00044)	U (0.025)	0.011 J (0.027)	0.016 J (0.039)	U (0.025)	0.00017 J (0.00039)
Cumene	10000	2500	0.016 (0.00088)	0.13 (0.048)	0.062 (0.056)	1.6 (0.045)	0.54 (0.055)	2.5 (0.048)	0.53 (0.06)	U (0.00077)	0.007 (0.00089)	1 (0.05)	0.63 (0.054)	12 (0.078)	0.064 (0.05)	0.087 (0.00079)
1,2-Dibromoethane	3.7	0.005	U (0.00044)	U (0.024)	U (0.028)	U (0.022)	U (0.028)	U (0.024)	U (0.03)	U (0.00038)	U (0.00044)	U (0.025)	U (0.027)	U (0.039)	U (0.025)	U (0.00039)
1,2-Dichloroethane	85	0.5	U (0.00088)	U (0.048)	U (0.056)	U (0.045)	U (0.055)	U (0.048)	U (0.06)	U (0.00077)	U (0.00089)	U (0.05)	U (0.054)	U (0.078)	U (0.05)	U (0.00079)
Ethyl Benzene	880	70	0.00027 J (0.00088)	U (0.048)	U (0.056)	0.0071 J (0.045)	0.021 J (0.055)	U (0.048)	0.018 J (0.06)	U (0.00077)	0.0046 (0.00089)	U (0.05)	U (0.054)	0.025 J (0.078)	0.011 J (0.05)	0.00043 J (0.00079)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.095)	U (0.11)	U (0.09)	U (0.11)	U (0.097)	U (0.12)	U (0.0015)	U (0.0018)	U (0.1)	U (0.11)	U (0.16)	U (0.1)	U (0.0016)
Toluene	10000	100	0.00056 J (0.00088)	U (0.048)	U (0.056)	0.024 J (0.045)	U (0.055)	U (0.048)	U (0.06)	U (0.00077)	0.0013 (0.00089)	U (0.05)	U (0.054)	U (0.078)	0.031 J (0.05)	0.0015 (0.00079)
1,2,4-Trimethylbenzene	4700	300	0.0076 (0.0018)	0.048 J (0.095)	0.049 J (0.11)	0.076 J (0.09)	0.063 J (0.11)	U (0.097)	1.8 (0.12)	U (0.0015)	0.00058 J (0.0018)	U (0.1)	U (0.11)	U (0.16)	0.034 J (0.1)	0.0045 (0.0016)
1,3,5-Trimethylbenzene	4700	93	0.0068 (0.0018)	0.013 J (0.095)	0.019 J (0.11)	0.12 (0.09)	0.039 J (0.11)	U (0.097)	1.4 (0.12)	U (0.0015)	0.00047 J (0.0018)	U (0.1)	U (0.11)	U (0.16)	0.017 J (0.1)	0.0013 J (0.0016)
Xylenes (total)	7900	1000	0.0114 J (0.0018)	0.118 J (0.095)	0.091 J (0.11)	0.077 J (0.09)	0.145 J (0.11)	U (0.097)	0.196 J (0.12)	U (0.0015)	0.00332 J (0.0018)	U (0.1)	U (0.11)	U (0.16)	0.078 J (0.1)	0.005 J (0.0016)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-B-B01-d LS-B-B01	LS-B-B02-c LS-B-B02	LS-B-B03-d LS-B-B03	LS-B-C01-a LS-B-C01	LS-B-D01-a LS-B-D01	LS-B-D01-a LS-B-D01	LS-B-D01-a LS-B-D01	LS-B-E01-b LS-B-E01	LS-B-E01-c LS-B-E01	LS-B-E01-d LS-B-E01	LS-B-F01-d LS-B-F01	LS-B-G01-a LS-B-G01	LS-B-G01-b LS-B-G01	LS-B-G02-c LS-B-G02	LS-B-G02-d LS-B-G02
Field Sample ID	Numeric Value	Numeric Value	0.5 - 0.6	1.7 - 1.8	1.2 - 1.4	1.2 - 1.4	1.4 - 1.5	1.7 - 1.8	2.4 - 2.6	2.1 - 2.3	4.9 - 5.0	0.6 - 0.8	5.5 - 5.6	1.1 - 1.2	0.6 - 0.8	0.5 - 0.6	
Collection Depth (ft bgs)	(0-2 ft bgs)		5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/5/2023	5/24/2023	5/5/2023	5/8/2023	5/10/2023	5/10/2023	5/22/2023	5/22/2023	
Sample Date	(mg/kg)	(mg/kg)															
VOC																	
Benzene	280	0.5	U (0.06)	1.3 (0.23)	U (0.00042)	1 (0.033)	0.41 (0.033)	1.8 (0.14)	U (0.00045)	0.017 J (0.024)	0.18 (0.027)	2.6 (0.049)	28 (0.3)	0.21 (0.039)	0.0025 (0.00052)	U (0.00093)	
Cumene	10000	2500	0.34 (0.12)	0.58 (0.47)	0.0002 J (0.00084)	0.86 (0.065)	0.29 (0.066)	0.78 (0.28)	0.0022 (0.0009)	0.014 J (0.048)	1.4 (0.054)	3 (0.097)	33 (0.59)	5 (0.078)	0.00037 J (0.001)	U (0.0019)	
1,2-Dibromoethane	3.7	0.005	U (0.06)	U (0.23)	U (0.00042)	U (0.033)	U (0.033)	U (0.14)	U (0.00045)	U (0.024)	U (0.027)	U (0.049)	U (0.3)	U (0.039)	U (0.00052)	U (0.00093)	
1,2-Dichloroethane	85	0.5	U (0.12)	U (0.47)	U (0.00084)	U (0.065)	U (0.066)	U (0.28)	U (0.0009)	U (0.048)	U (0.054)	U (0.097)	U (0.59)	U (0.078)	U (0.001)	U (0.0019)	
Ethyl Benzene	880	70	0.18 (0.12)	1.1 (0.47)	U (0.00084)	5.4 (0.065)	0.28 (0.066)	2.3 (0.28)	U (0.0009)	0.0084 J (0.048)	0.14 (0.054)	0.51 (0.097)	160 (0.59)	0.77 (0.078)	0.0013 (0.001)	U (0.0019)	
Methyl tert-butyl ether	8500	2	U (0.24)	U (0.93)	U (0.0017)	U (0.13)	U (0.13)	U (0.57)	U (0.0018)	U (0.095)	U (0.11)	U (0.19)	U (1.2)	U (0.16)	U (0.0021)	U (0.0037)	
Toluene	10000	100	0.17 (0.12)	2 (0.47)	U (0.00084)	0.67 (0.065)	0.17 (0.066)	1.3 (0.28)	U (0.0009)	U (0.048)	0.12 (0.054)	1.3 (0.097)	250 (1.2)	4.6 (0.078)	0.0097 (0.001)	U (0.0019)	
1,2,4-Trimethylbenzene	4700	300	11 (0.24)	14 (0.93)	0.0006 J (0.0017)	25 (1.3)	0.12 J (0.13)	1.3 (0.57)	U (0.0018)	U (0.095)	0.14 (0.11)	45 (0.39)	200 (2.4)	120 (1.6)	0.0011 J (0.0021)	U (0.0037)	
1,3,5-Trimethylbenzene	4700	93	7.1 (0.24)	6.2 (0.93)	0.00052 J (0.0017)	9.5 (0.13)	0.099 J (0.13)	0.9 (0.57)	U (0.0018)	U (0.095)	0.042 J (0.11)	14 (0.19)	79 (1.2)	48 (1.6)	0.00088 J (0.0021)	U (0.0037)	
Xylenes (total)	7900	1000	4.3 J (0.24)	9.6 J (0.93)	0.00089 J (0.0017)	17 J (0.13)	0.57 J (0.13)	4.2 J (0.57)	U (0.0018)	U (0.095)	0.359 J (0.11)	16.6 J (0.19)	570 J (2.4)	84 J (0.78)	0.014 J (0.0021)	U (0.0037)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOC -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-B-G02-d LS-B-G02	LS-B-G02-d LS-B-G02	LS-B-H01-b LS-B-H01	LS-B-H02-b LS-B-H02	LS-B-H02-b LS-B-H02	LS-B-H02-b LS-B-H02	LS-B-H02-b LS-B-H02
Field Sample ID	Numeric Value	Numeric Value	LS-B-G02-C3-VOC	LS-B-G02-C4-VOC	LS-B-H01-C1-VOC	LS-B-H02-C1-VOC	LS-B-H02-C2-VOC	LS-B-H02-C3-VOC	LS-B-H02-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		1.1 - 1.2	1.4 - 1.5	3.7 - 3.8	1.8 - 2.0	2.3 - 2.4	2.6 - 2.7	
Sample Date	(mg/kg)	(mg/kg)	5/22/2023	5/22/2023	5/12/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023
VOC									
Benzene	280	0.5	U (0.001)	U (0.00042)	U (0.026)	U (0.036)	U (0.00044)	U (0.026)	
Cumene	10000	2500	U (0.0021)	U (0.00083)	0.96 (0.051)	0.26 (0.071)	U (0.00088)	0.36 (0.053)	
1,2-Dibromoethane	3.7	0.005	U (0.001)	U (0.00042)	U (0.026)	U (0.036)	U (0.00044)	U (0.026)	
1,2-Dichloroethane	85	0.5	U (0.0021)	U (0.00083)	U (0.051)	U (0.071)	U (0.00088)	U (0.053)	
Ethyl Benzene	880	70	U (0.0021)	U (0.00083)	U (0.051)	U (0.071)	U (0.00088)	U (0.053)	
Methyl tert-butyl ether	8500	2	U (0.0042)	U (0.0017)	U (0.1)	U (0.14)	U (0.0018)	U (0.11)	
Toluene	10000	100	U (0.0021)	U (0.00083)	U (0.051)	U (0.071)	U (0.00088)	U (0.053)	
1,2,4-Trimethylbenzene	4700	300	U (0.0042)	U (0.0017)	U (0.1)	U (0.14)	U (0.0018)	U (0.11)	
1,3,5-Trimethylbenzene	4700	93	U (0.0042)	U (0.0017)	U (0.1)	U (0.14)	U (0.0018)	U (0.11)	
Xylenes (total)	7900	1000	U (0.0042)	U (0.0017)	U (0.1)	0.114 J (0.14)	U (0.0018)	0.076 J (0.11)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1b
Cut Soil Discrete Analytical Results - VOCs
Innovation Campus Parcel B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	ParcelB-01-d ParcelB-01	ParcelB-02-a ParcelB-02	ParcelB-03-a ParcelB-03	ParcelB-04-d ParcelB-04	ParcelB-05-d ParcelB-05	ParcelB-06-d ParcelB-06	ParcelB-06-d ParcelB-06	ParcelB-06-d ParcelB-06	ParcelB-07-a ParcelB-07	ParcelB-08-a ParcelB-08	ParcelB-09-a ParcelB-09	ParcelB-10-a ParcelB-10	ParcelB-11-c ParcelB-11	ParcelB-12-a ParcelB-12
Field Sample ID	Numeric Value	Numeric Value	0.7 - 1.2	0.8 - 1.3	0.5 - 1	3.5 - 4	0.5 - 1	1 - 1.5	2.5 - 3	3.2 - 3.7	5.2 - 5.7	3.5 - 4	0.7 - 1.2	1.3 - 1.8	1.5 - 2	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/2/2025	1/2/2025	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/3/2025	1/7/2025	1/3/2025	1/3/2025
Sample Date	(mg/kg)	(mg/kg)	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/2/2025	1/2/2025	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/3/2025	1/7/2025	1/3/2025	1/3/2025
VOC																
Benzene	280	0.5	0.0056 (0.00046)	U (0.00065)	0.00018 J (0.00053)	0.02 (0.00055)	U (0.00054)	U (0.00049)	U (0.029)	U (0.00089)	U (0.028)	U (0.031)	0.0014 (0.00056)	0.00018 J (0.00046)	0.00079 (0.00054)	
Cumene	10000	2500	0.0089 (0.00093)	0.00022 J (0.0013)	U (0.0011)	0.0044 (0.0011)	0.073 (0.0011)	0.016 (0.00098)	6.9 (0.058)	0.00051 J (0.0018)	0.45 (0.055)	0.58 (0.061)	0.002 (0.0011)	U (0.00091)	0.0013 (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.00065)	U (0.00053)	U (0.00055)	U (0.00054)	U (0.00049)	U (0.029)	U (0.00089)	U (0.028)	U (0.031)	U (0.00056)	U (0.00046)	U (0.00054)	
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.0013)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00098)	U (0.058)	U (0.0018)	U (0.055)	U (0.061)	U (0.0011)	U (0.00091)	U (0.0011)	
Ethyl Benzene	880	70	0.022 (0.00093)	U (0.0013)	U (0.0011)	0.0056 (0.0011)	U (0.0011)	U (0.00098)	0.021 J (0.058)	U (0.0018)	0.037 J (0.055)	U (0.061)	0.0007 J (0.0011)	U (0.00091)	0.00015 J (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0026)	U (0.0021)	U (0.0022)	U (0.0022)	U (0.002)	U (0.12)	U (0.0036)	U (0.11)	U (0.12)	U (0.0022)	U (0.0018)	U (0.0022)	
Toluene	10000	100	0.0081 (0.00093)	U (0.0013)	U (0.0011)	0.0052 (0.0011)	U (0.0011)	U (0.00098)	U (0.058)	U (0.0018)	U (0.055)	U (0.061)	U (0.0011)	U (0.00091)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	0.008 (0.0018)	U (0.0026)	U (0.0021)	0.0066 (0.0022)	U (0.0022)	U (0.002)	U (0.12)	U (0.0036)	U (0.11)	U (0.12)	0.003 (0.0022)	U (0.0018)	0.00052 J (0.0022)	
1,3,5-Trimethylbenzene	4700	93	0.00083 J (0.0018)	U (0.0026)	U (0.0021)	0.0026 (0.0022)	U (0.0022)	U (0.002)	U (0.12)	U (0.0036)	U (0.11)	0.016 J (0.12)	0.0011 J (0.0022)	U (0.0018)	0.00045 J (0.0022)	
Xylenes (total)	7900	1000	0.0211 J (0.0018)	U (0.0026)	U (0.0021)	0.0109 J (0.0022)	U (0.0022)	0.00128 J (0.002)	0.091 J (0.12)	0.00235 J (0.0036)	U (0.11)	U (0.12)	0.00568 J (0.0022)	U (0.0018)	U (0.0022)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1b
Cut Soil Discrete Analytical Results - VOCs
Innovation Campus Parcel B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC , Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	ParcelB-13-b ParcelB-13	ParcelB-14-c ParcelB-14	ParcelB-15-a ParcelB-15	ParcelB-16-c ParcelB-16	ParcelB-17-d ParcelB-17	ParcelB-18-d ParcelB-18	ParcelB-19-a ParcelB-19	ParcelB-20-b ParcelB-20	ParcelB-21-a ParcelB-21
Field Sample ID	Numeric Value	Numeric Value	ParcelB-13-C1-VOC	ParcelB-14-C1-VOC	ParcelB-15-C1-VOC	ParcelB-16-C1-VOC	ParcelB-17-C1-VOC	ParcelB-18-C1-VOC	ParcelB-19-C1-VOC	ParcelB-20-C1-VOC	ParcelB-21-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)		4 - 4.5	1.2 - 1.7	0.7 - 1.2	2 - 2.5	4 - 4.5	0.7 - 1.2	0 - 0.5	1.1 - 1.6	0.8 - 1.3
Sample Date	(mg/kg)	(mg/kg)	1/3/2025	1/7/2025	1/7/2025	1/7/2025	1/7/2025	1/8/2025	1/8/2025	1/8/2025	1/8/2025
VOC											
Benzene	280	0.5	U (0.00046)	U (0.00049)	U (0.033)	0.00077 (0.00062)	U (0.00046)	U (0.00047)	U (0.00042)	U (0.00055)	U (0.00054)
Cumene	10000	2500	U (0.00093)	U (0.00098)	0.86 (0.067)	0.00037 J (0.0012)	0.00014 J (0.00093)	U (0.00093)	U (0.00085)	U (0.0011)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.00049)	U (0.033)	U (0.00062)	U (0.00046)	U (0.00047)	U (0.00042)	U (0.00055)	U (0.00054)
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.00098)	U (0.067)	U (0.0012)	U (0.00093)	U (0.00093)	U (0.00085)	U (0.0011)	U (0.0011)
Ethyl Benzene	880	70	U (0.00093)	U (0.00098)	0.078 (0.067)	0.00022 J (0.0012)	U (0.00093)	U (0.00093)	U (0.00085)	U (0.0011)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.002)	U (0.13)	U (0.0025)	U (0.0019)	U (0.0019)	U (0.0017)	U (0.0022)	U (0.0022)
Toluene	10000	100	U (0.00093)	U (0.00098)	U (0.067)	U (0.0012)	U (0.00093)	U (0.00093)	U (0.00085)	U (0.0011)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.002)	0.22 (0.13)	0.00083 J (0.0025)	U (0.0019)	U (0.0019)	U (0.0017)	U (0.0022)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.002)	0.05 J (0.13)	U (0.0025)	0.0002 J (0.0019)	U (0.0019)	U (0.0017)	U (0.0022)	U (0.0022)
Xylenes (total)	7900	1000	U (0.0019)	U (0.002)	0.113 J (0.13)	0.0043 J (0.0025)	U (0.0019)	U (0.0019)	U (0.0017)	U (0.0022)	U (0.0022)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A01-b 201-A01	201-A01-c 201-A01	201-A01-c 201-A01	201-A01-c 201-A01	201-A02-c 201-A02	201-A02-c 201-A02	201-A02-c 201-A02	201-A03-a 201-A03	201-A03-c 201-A03	201-A03-d 201-A03	201-A04-a 201-A04	201-A04-a 201-A04	201-A04-a 201-A04	201-A04-b 201-A04
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	201-A01-D1-VOC 2.5 - 2.7	201-A01-C1-VOC 1.1 - 1.2	201-A01-C2-VOC 2.3 - 2.4	201-A01-CX-VOC 2.9 - 3.0	201-A02-C1-VOC 0.9 - 1.1	201-A02-C2-VOC 2.0 - 2.1	201-A02-CX-VOC 3.0 - 3.2	201-A03-C1-VOC 0.6 - 0.8	201-A03-C2-VOC 1.8 - 2.0	201-A03-CX-VOC 3.2 - 3.4	201-A04-C2-VOC 1.1 - 1.2	201-A04-C3-VOC 2.3 - 2.4	201-A04-CX-VOC 3.4 - 3.5	201-A04-C1-VOC 0.6 - 0.8
Collection Depth (ft bgs)	Sample Date	(mg/kg)	3/28/2023	1/17/2022	1/17/2022	1/17/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/19/2022	1/19/2022	1/19/2022
VOCs																
Benzene	280	0.5	0.0008 (0.00053)	0.066 (0.034)	U (0.031)	U (0.037)	23 (0.15)	5.5 (0.034)	11 (0.064)	61 (0.25)	10 (0.032)	38 (0.21)	60 (0.68)	63 (0.31)	5.5 (0.03)	1.1 (0.028)
Cumene	10000	2500	0.038 (0.0011)	0.54 (0.069)	1.9 (0.061)	U (0.073)	4.3 (0.3)	0.59 (0.067)	0.78 (0.13)	6 (0.5)	0.043 J (0.064)	5.3 (0.42)	7.2 (1.4)	5.7 (0.62)	0.027 J (0.061)	0.5 (0.056)
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.034)	U (0.031)	U (0.037)	U (0.15)	U (0.034)	U (0.064)	U (0.25)	U (0.032)	U (0.21)	U (0.68)	U (0.31)	U (0.03)	U (0.028)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.069)	U (0.061)	U (0.073)	U (0.3)	U (0.067)	U (0.13)	U (0.5)	U (0.064)	U (0.42)	U (1.4)	U (0.62)	U (0.061)	U (0.056)
Ethyl Benzene	880	70	0.0018 (0.0011)	1.7 (0.069)	7.9 (0.061)	U (0.073)	50 (0.3)	7.5 (0.067)	8.9 (0.13)	58 (0.5)	1.7 (0.064)	76 (0.42)	110 (1.4)	95 (0.62)	0.43 (0.061)	7.6 (0.056)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.14)	U (0.12)	U (0.15)	U (0.6)	U (0.13)	U (0.26)	1.1 (1)	12 (0.13)	0.98 (0.83)	U (2.7)	U (1.2)	0.17 (0.12)	0.1 J (0.11)
Toluene	10000	100	0.0016 (0.0011)	0.066 J (0.069)	7.6 (0.061)	U (0.073)	42 (0.3)	30 (0.27)	0.97 (0.13)	8.5 (0.5)	24 (0.32)	230 (1.7)	510 (3.4)	410 (3.1)	8.9 (0.061)	0.38 (0.056)
1,2,4-Trimethylbenzene	4700	300	0.023 (0.0021)	0.074 J (0.14)	18 (0.12)	U (0.15)	96 (1.2)	13 (0.13)	4.5 (0.26)	17 (1)	1.3 (0.13)	120 (3.3)	190 (2.7)	150 (1.2)	0.72 (0.12)	17 (0.22)
1,3,5-Trimethylbenzene	4700	93	0.0099 (0.0021)	0.089 J (0.14)	8.1 (0.12)	U (0.15)	30 (0.6)	4.3 (0.13)	1.6 (0.26)	10 (1)	0.39 (0.13)	44 (0.83)	59 (2.7)	44 (1.2)	0.23 (0.12)	4.8 (0.11)
Xylenes (total)	7900	1000	0.0094 J (0.0021)	1.76 J (0.14)	19.6 J (0.12)	U (0.15)	305 J (1.2)	46 J (0.13)	35.75 J (0.26)	62 J (1)	10.8 J (0.13)	420 J (3.3)	730 J (2.7)	560 J (6.2)	2.43 J (0.12)	33.7 J (0.11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A05-b 201-A05	201-A05-b 201-A05	201-A05-b 201-A05	201-A05-c 201-A05	201-A06-a 201-A06	201-A06-a 201-A06	201-A06-d 201-A06	201-A07-a 201-A07	201-A07-a 201-A07	201-A07-b 201-A07	201-A08-a 201-A08	201-A08-a 201-A08	201-A08-d 201-A08	201-A09-b 201-A09
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	201-A05-C1-VOC 1/19/2022	201-A05-C2-VOC 1/19/2022	201-A05-C3-VOC 1/19/2022	201-A05-CX-VOC 1/19/2022	201-A06-C2-VOC 1/21/2022	201-A06-CX-VOC 1/21/2022	201-A06-C1-VOC 1/21/2022	201-A07-C1-VOC 1/19/2022	201-A07-CX-VOC 1/19/2022	201-A07-C2-VOC 1/19/2022	201-A08-C2-VOC 1/20/2022	201-A08-CX-VOC 1/20/2022	201-A08-C1-VOC 1/20/2022	201-A09-C1-VOC 1/20/2022
Collection Depth (ft bgs)	Sample Date	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
VOCs																
Benzene	280	0.5	8.2 (0.42)	1.8 (0.12)	0.11 (0.03)	0.38 (0.037)	U (0.14)	0.17 (0.032)	1.7 (0.032)	1.9 (0.037)	3.2 (0.029)	1.7 (0.33)	1 (0.073)	1 (0.035)	2 (0.032)	13 (0.71)
Cumene	10000	2500	12 (0.85)	6.6 (0.25)	0.49 (0.061)	0.15 (0.074)	4.5 (0.28)	0.9 (0.064)	0.96 (0.064)	6.3 (0.074)	0.054 J (0.057)	8.5 (0.66)	2.4 (0.14)	3.3 (0.071)	5.5 (0.064)	17 (1.4)
1,2-Dibromoethane	3.7	0.005	U (0.42)	U (0.12)	U (0.03)	U (0.037)	U (0.14)	U (0.032)	U (0.032)	U (0.037)	U (0.029)	U (0.33)	U (0.073)	U (0.035)	U (0.032)	U (0.71)
1,2-Dichloroethane	85	0.5	U (0.85)	U (0.25)	U (0.061)	U (0.074)	U (0.28)	U (0.064)	U (0.064)	U (0.074)	U (0.057)	U (0.66)	U (0.14)	U (0.071)	U (0.064)	U (1.4)
Ethyl Benzene	880	70	55 (0.85)	43 (0.25)	0.076 (0.061)	0.043 J (0.074)	0.28 (0.28)	0.088 (0.064)	6.4 (0.064)	46 (0.74)	0.95 (0.057)	95 (0.66)	14 (0.14)	0.91 (0.071)	15 (0.064)	170 (1.4)
Methyl tert-butyl ether	8500	2	U (1.7)	U (0.49)	U (0.12)	0.018 J (0.15)	U (0.56)	U (0.13)	U (0.13)	U (0.15)	0.024 J (0.11)	U (1.3)	U (0.29)	0.023 J (0.14)	0.013 J (0.13)	U (2.8)
Toluene	10000	100	2.2 (0.85)	0.26 (0.25)	0.045 J (0.061)	0.058 J (0.074)	0.33 (0.28)	0.12 (0.064)	0.64 (0.064)	0.25 (0.074)	0.087 (0.057)	1.7 (0.66)	0.14 (0.14)	0.072 (0.071)	0.19 (0.064)	46 (1.4)
1,2,4-Trimethylbenzene	4700	300	310 (3.4)	100 (1.2)	0.71 (0.12)	0.44 (0.15)	0.6 (0.56)	0.079 J (0.13)	13 (0.13)	1.4 (0.15)	1 (0.11)	280 (2.7)	50 (1.4)	10 (0.14)	0.34 (0.13)	500 (7.1)
1,3,5-Trimethylbenzene	4700	93	78 (1.7)	30 (0.49)	0.42 (0.12)	0.2 (0.15)	0.2 J (0.56)	0.034 J (0.13)	3.7 (0.13)	0.33 (0.15)	0.32 (0.11)	76 (1.3)	13 (0.29)	17 (0.14)	0.29 (0.13)	160 (2.8)
Xylenes (total)	7900	1000	180 J (1.7)	14.73 J (0.49)	0.307 J (0.12)	0.174 J (0.15)	1.22 J (0.56)	0.135 J (0.13)	12.45 J (0.13)	3.47 J (0.15)	4.08 J (0.11)	282 J (1.3)	43.58 J (0.29)	3.251 J (0.14)	1.86 J (0.13)	830 J (2.8)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-A09-d	201-A09-d	201-A10-d	201-A10-d	201-A10-d	201-A10-d	201-A11-b	201-A11-c	201-A11-c	201-A12-a	201-A12-a	201-A12-d	201-A13-a	201-A13-b	201-A13-b
Cell	Soil Direct Contact	Soil to	201-A09	201-A09	201-A10	201-A10	201-A10	201-A10	201-A11	201-A11	201-A11	201-A12	201-A12	201-A12	201-A13	201-A13	201-A13
Field Sample ID	Numeric Value	Groundwater	201-A09-C2-VOC	201-A09-CX-VOC	201-A10-C1-VOC	201-A10-C2-VOC	201-A10-CX-VOC	201-A11-C1-VOC	201-A11-C2-VOC	201-A11-CX-VOC	201-A12-C2-VOC	201-A12-CX-VOC	201-A12-C1-VOC	201-A13-CX-VOC	201-A13-C1-VOC	201-A13-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.0 - 2.1	0.5 - 0.6	1.4 - 1.5	1.8 - 2.0	0.8 - 0.9	1.4 - 1.5	1.7 - 1.8	2.1 - 2.3	4.3 - 4.4	0.3 - 0.5	4.4 - 4.6	0.8 - 0.9	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	1/20/2022	1/20/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/24/2022	1/24/2022	1/24/2022	1/24/2022	1/24/2022	
VOCs																	
Benzene	280	0.5	340 (2.9)	340 (2)	3.1 (0.15)	4.6 (0.14)	2.6 (0.14)	U (0.14)	9.5 (0.22)	2.3 (0.18)	11 (0.61)	32 (0.64)	0.5 (0.036)	4.6 (0.061)	56 (0.44)	58 (0.34)	
Cumene	10000	2500	30 (5.8)	39 (4.1)	1.8 (0.3)	2.3 (0.29)	2.2 (0.28)	4.6 (0.27)	4.7 (0.43)	7.5 (0.35)	3.7 (1.2)	6.4 (1.3)	0.2 (0.072)	2.7 (0.12)	13 (0.89)	11 (0.69)	
1,2-Dibromoethane	3.7	0.005	U (2.9)	U (2)	U (0.15)	U (0.14)	U (0.14)	U (0.14)	U (0.22)	U (0.18)	U (0.61)	U (0.64)	U (0.036)	U (0.061)	U (0.44)	U (0.34)	
1,2-Dichloroethane	85	0.5	U (5.8)	U (4.1)	U (0.3)	U (0.29)	U (0.28)	U (0.27)	U (0.43)	U (0.35)	U (1.2)	U (1.3)	U (0.072)	U (0.12)	U (0.89)	U (0.69)	
Ethyl Benzene	880	70	420 (5.8)	470 (4.1)	0.89 (0.3)	0.85 (0.29)	0.77 (0.28)	17 (0.27)	5.4 (0.43)	11 (0.35)	55 (1.2)	98 (1.3)	0.54 (0.072)	36 (0.12)	150 (0.89)	140 (0.69)	
Methyl tert-butyl ether	8500	2	U (12)	U (8.2)	4.2 (0.6)	6.2 (0.57)	4.8 (0.56)	U (0.54)	0.37 J (0.86)	U (0.7)	U (2.4)	U (2.6)	0.016 J (0.14)	U (0.24)	0.29 J (1.8)	U (1.4)	
Toluene	10000	100	1400 (14)	2400 (8.2)	U (0.3)	0.17 J (0.29)	U (0.28)	U (0.27)	1.3 (0.43)	3.1 (0.35)	160 (1.2)	410 (3.2)	0.45 (0.072)	52 (0.3)	19 (0.89)	350 (1.4)	
1,2,4-Trimethylbenzene	4700	300	760 (12)	900 (8.2)	U (0.6)	0.16 J (0.57)	U (0.56)	96 (1.4)	8.3 (0.86)	320 (3.5)	88 (2.4)	170 (2.6)	4.2 (0.14)	66 (0.61)	270 (3.5)	260 (2.8)	
1,3,5-Trimethylbenzene	4700	93	240 (12)	310 (8.2)	U (0.6)	U (0.57)	U (0.56)	27 (0.54)	2.8 (0.86)	100 (0.7)	29 (2.4)	56 (2.6)	1.4 (0.14)	22 (0.24)	90 (1.8)	84 (1.4)	
Xylenes (total)	7900	1000	2430 J (12)	2460 J (8.2)	U (0.6)	U (0.57)	U (0.56)	52.14 J (0.54)	25.7 J (0.86)	125 J (0.7)	326 J (2.4)	610 J (2.6)	2.14 J (0.14)	185 J (0.61)	620 J (1.8)	740 J (2.8)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-A14-a	201-A14-a	201-A14-c	201-A15-b	201-A15-b	201-B01-a	201-B01-d	201-B02-c	201-B02-c	201-B02-c	201-B02-c	201-B03-b	201-B03-c	201-B03-c
Cell	Soil Direct Contact	Soil to	201-A14	201-A14	201-A14	201-A15	201-A15	201-B01	201-B01	201-B02	201-B02	201-B02	201-B02	201-B03	201-B03	201-B03
Field Sample ID	Numeric Value	Groundwater	201-A14-C1-VOC	201-A14-CX-VOC	201-A14-C2-VOC	201-A15-C1-VOC	201-A15-CX-VOC	201-B01-C1-VOC	201-B01-CX-VOC	201-B02-C1-VOC	201-B02-C2-VOC	201-B02-C3-VOC	201-B02-CX-VOC	201-B03-C1-VOC	201-B03-C2-VOC	201-B03-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	2.0 - 2.1	1.7 - 1.8	0.2 - 0.3	0.6 - 0.8	1.7 - 1.8	3.7 - 3.8	0.6 - 0.8	1.5 - 1.7	2.3 - 2.4	2.9 - 3.0	1.4 - 1.5	3.0 - 3.2	3.8 - 4.0
Sample Date	(mg/kg)	(mg/kg)	1/24/2022	1/24/2022	1/24/2022	1/25/2022	1/25/2022	1/25/2022	1/25/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022
VOCs																
Benzene	280	0.5	0.0016 (0.00064)	0.00042 J (0.00045)	0.0003 J (0.00054)	0.00018 J (0.00056)	U (0.00051)	0.025 (0.00069)	0.032 (0.031)	0.0026 (0.00054)	0.0033 (0.00054)	0.014 J (0.032)	0.00074 (0.00059)	0.0049 (0.00073)	6.4 (0.12)	9.1 (2.8)
Cumene	10000	2500	0.00064 J (0.0013)	0.0019 (0.0009)	0.0056 (0.0011)	0.074 (0.0011)	0.00088 J (0.001)	0.009 (0.0014)	0.063 (0.062)	0.0041 (0.0011)	0.001 J (0.0011)	0.088 (0.065)	U (0.0012)	0.0002 J (0.0014)	4.1 (0.24)	33 (5.7)
1,2-Dibromoethane	3.7	0.005	U (0.00064)	U (0.00045)	U (0.00054)	U (0.00056)	U (0.00051)	U (0.00069)	U (0.031)	U (0.00054)	U (0.00054)	U (0.032)	U (0.00059)	U (0.00073)	U (0.12)	U (2.8)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0009)	U (0.0011)	U (0.0011)	U (0.001)	U (0.0014)	U (0.062)	U (0.0011)	U (0.0011)	U (0.065)	U (0.0012)	U (0.0014)	U (0.24)	U (5.7)
Ethyl Benzene	880	70	0.00023 J (0.0013)	U (0.0009)	U (0.0011)	0.0017 (0.0011)	0.00031 J (0.001)	0.014 (0.0014)	0.12 (0.062)	0.0099 (0.0011)	0.00064 J (0.0011)	0.41 (0.065)	0.00053 J (0.0012)	0.00044 J (0.0014)	49 (0.24)	18 (5.7)
Methyl tert-butyl ether	8500	2	0.0015 J (0.0026)	0.0082 (0.0018)	0.0046 (0.0021)	0.0016 J (0.0022)	0.00092 J (0.002)	0.015 (0.0028)	U (0.12)	U (0.0022)	0.00052 J (0.0022)	U (0.13)	U (0.0023)	U (0.0029)	U (0.49)	U (11)
Toluene	10000	100	U (0.0013)	0.0026 (0.0009)	U (0.0011)	0.001 J (0.0011)	U (0.001)	U (0.0014)	0.037 J (0.062)	0.016 (0.0011)	0.0017 (0.0011)	0.14 (0.065)	0.00096 J (0.0012)	U (0.0014)	110 (0.49)	16 (5.7)
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	U (0.0018)	0.00043 J (0.0021)	0.0062 (0.0022)	0.00038 J (0.002)	0.12 (0.0028)	0.88 (0.12)	0.02 (0.0022)	0.0011 J (0.0022)	4.2 (0.13)	0.0011 J (0.0023)	0.0024 J (0.0029)	73 (0.98)	550 (11)
1,3,5-Trimethylbenzene	4700	93	0.00031 J (0.0026)	0.0012 J (0.0018)	0.00026 J (0.0021)	0.0018 J (0.0022)	U (0.002)	0.014 (0.0028)	0.27 (0.12)	0.007 (0.0022)	0.00031 J (0.0022)	1.3 (0.13)	0.00034 J (0.0023)	0.00092 J (0.0029)	41 (0.49)	150 (11)
Xylenes (total)	7900	1000	U (0.0026)	0.0057 J (0.0018)	0.00138 J (0.0021)	0.0085 J (0.0022)	U (0.002)	0.026 J (0.0028)	0.39 J (0.12)	0.058 J (0.0022)	0.00246 J (0.0022)	4.5 J (0.13)	0.0033 J (0.0023)	0.0041 J (0.0029)	216 J (0.98)	117 J (11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-B04-d	201-B04-d	201-B04-d	201-B05-b	201-B05-c	201-B05-c	201-B06-a	201-B06-a	201-B06-c	201-B07-b	201-B07-c	201-B07-d	201-B08-b	201-B08-c
Cell	Soil Direct Contact	Soil to	201-B04	201-B04	201-B04	201-B05	201-B05	201-B05	201-B06	201-B06	201-B06	201-B07	201-B07	201-B07	201-B08	201-B08
Field Sample ID	Numeric Value	Groundwater	201-B04-C1-VOC	201-B04-C2-VOC	201-B04-CX-VOC	201-B05-C1-VOC	201-B05-C2-VOC	201-B05-CX-VOC	201-B06-C2-VOC	201-B06-CX-VOC	201-B06-C1-VOC	201-B07-CX-VOC	201-B07-C2-VOC	201-B07-C1-VOC	201-B08-CX-VOC	201-B08-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	2.7 - 2.9	3.2 - 3.4	1.5 - 1.7	4.7 - 4.9	5.3 - 5.5	3.7 - 3.8	4.3 - 4.4	1.5 - 1.7	3.2 - 3.4	2.4 - 2.6	0.0 - 0.2	2.0 - 2.1	0.6 - 0.8
Sample Date	(mg/kg)	(mg/kg)	1/26/2022	1/26/2022	1/26/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022	2/2/2022	2/2/2022	2/2/2022	1/28/2022	1/28/2022
VOCs																
Benzene	280	0.5	1.5 (0.16)	U (0.033)	U (0.14)	0.02 J (0.034)	U (0.067)	0.018 J (0.033)	0.085 (0.029)	0.11 (0.046)	0.94 (0.095)	U (0.00052)	U (0.00044)	U (0.072)	0.026 J (0.039)	U (0.00053)
Cumene	10000	2500	5.8 (0.32)	0.71 (0.066)	8 (0.29)	0.83 (0.068)	1.5 (0.13)	0.065 J (0.066)	0.38 (0.057)	0.17 (0.092)	3.9 (0.19)	0.011 (0.001)	0.0035 (0.00088)	1.3 (0.14)	2.1 (0.079)	U (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.16)	U (0.033)	U (0.14)	U (0.034)	U (0.067)	U (0.00064)	U (0.029)	U (0.046)	U (0.095)	U (0.00052)	U (0.00044)	U (0.072)	U (0.039)	U (0.00053)
1,2-Dichloroethane	85	0.5	U (0.32)	U (0.066)	U (0.29)	U (0.068)	U (0.13)	U (0.0013)	U (0.057)	U (0.092)	U (0.19)	U (0.001)	U (0.00088)	U (0.14)	U (0.079)	U (0.001)
Ethyl Benzene	880	70	3.2 (0.32)	U (0.066)	4.9 (0.29)	0.11 (0.068)	0.019 J (0.13)	0.034 J (0.066)	0.3 (0.057)	0.077 J (0.092)	0.38 (0.19)	U (0.001)	U (0.00088)	U (0.14)	2.6 (0.079)	U (0.001)
Methyl tert-butyl ether	8500	2	U (0.63)	U (0.13)	U (0.58)	U (0.14)	U (0.27)	0.00059 J (0.0026)	0.025 J (0.11)	U (0.18)	U (0.38)	U (0.0021)	U (0.0018)	U (0.29)	U (0.16)	U (0.0021)
Toluene	10000	100	0.59 (0.32)	U (0.066)	U (0.29)	U (0.068)	U (0.13)	0.0042 (0.0013)	0.044 J (0.057)	U (0.092)	0.52 (0.19)	U (0.001)	U (0.00088)	U (0.14)	U (0.079)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	31 (0.63)	0.044 J (0.13)	120 (2.3)	5.5 (0.14)	0.074 J (0.27)	0.82 (0.13)	7.3 (0.11)	3.2 (0.18)	0.45 (0.38)	0.00058 J (0.0021)	U (0.0018)	U (0.29)	50 (1.6)	U (0.0021)
1,3,5-Trimethylbenzene	4700	93	3.2 (0.63)	U (0.13)	14 (0.58)	2.4 (0.14)	0.028 J (0.27)	0.26 (0.13)	1.6 (0.11)	0.9 (0.18)	0.12 J (0.38)	U (0.0021)	U (0.0018)	U (0.29)	11 (0.16)	U (0.0021)
Xylenes (total)	7900	1000	3.25 J (0.63)	0.1 J (0.13)	7.2 J (0.58)	0.194 J (0.14)	0.176 J (0.27)	0.265 J (0.13)	1.83 J (0.11)	0.6 J (0.18)	1.17 J (0.38)	U (0.0021)	U (0.0018)	U (0.29)	3.63 J (0.16)	U (0.0021)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-B08-c	201-B09-a	201-B09-c	201-B09-c	201-B10-b	201-B10-d	201-B10-d	201-B10-d	201-B11-d	201-B11-d	201-B11-d	201-B11-d	201-B12-a	201-B12-a	201-B12-b
Cell	Soil Direct Contact	Soil to	201-B08	201-B09	201-B09	201-B09	201-B10	201-B10	201-B10	201-B10	201-B11	201-B11	201-B11	201-B11	201-B12	201-B12	201-B12
Field Sample ID	Numeric Value	Groundwater	201-B08-C2-VOC	201-B09-C1-VOC	201-B09-C2-VOC	201-B09-CX-VOC	201-B10-C1-VOC	201-B10-C2-VOC	201-B10-CX-VOC	201-B11-C1-VOC	201-B11-C2-VOC	201-B11-C3-VOC	201-B11-CX-VOC	201-B12-C2-VOC	201-B12-CX-VOC	201-B12-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	0.8 - 0.9	0.9 - 1.1	1.8 - 2.0	1.1 - 1.2	2.6 - 2.7	3.2 - 3.4	0.8 - 0.9	2.0 - 2.1	2.6 - 2.7	3.5 - 3.7	1.4 - 1.5	2.0 - 2.1	0.5 - 0.6	
Sample Date	(mg/kg)	(mg/kg)	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	
VOCs																	
Benzene	280	0.5	U (0.00048)	0.021 (0.00072)	2.1 (0.033)	U (0.034)	U (0.00051)	0.19 (0.028)	1.5 (0.025)	U (0.00057)	0.052 (0.00048)	U (0.00043)	1.1 (0.072)	15 (0.3)	0.45 J (0.58)	0.19 (0.044)	
Cumene	10000	2500	U (0.00097)	0.00044 J (0.0014)	7 (0.067)	0.79 (0.069)	0.0085 (0.001)	0.48 (0.056)	3.9 (0.05)	0.0029 (0.0011)	0.19 (0.00097)	0.00025 J (0.00086)	1.2 (0.14)	14 (0.6)	3.6 (1.2)	1.2 (0.087)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00072)	U (0.033)	U (0.034)	U (0.00051)	U (0.028)	U (0.025)	U (0.00057)	U (0.00048)	U (0.00043)	U (0.072)	U (0.3)	U (0.58)	U (0.044)	
1,2-Dichloroethane	85	0.5	U (0.00097)	U (0.0014)	U (0.067)	U (0.069)	U (0.001)	U (0.056)	U (0.05)	U (0.0011)	U (0.00097)	U (0.00086)	U (0.14)	U (0.6)	U (1.2)	U (0.087)	
Ethyl Benzene	880	70	U (0.00097)	0.0027 (0.0014)	16 (0.067)	U (0.069)	U (0.001)	0.44 (0.056)	0.4 (0.05)	U (0.0011)	0.02 (0.00097)	U (0.00086)	0.4 (0.14)	59 (0.6)	0.26 J (1.2)	0.26 (0.087)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0029)	0.16 (0.13)	0.016 J (0.14)	U (0.002)	U (0.11)	U (0.1)	U (0.0023)	U (0.0019)	U (0.0017)	U (0.29)	U (1.2)	0.24 J (2.3)	0.024 J (0.17)	
Toluene	10000	100	U (0.00097)	0.026 (0.0014)	3.9 (0.067)	U (0.069)	U (0.001)	0.07 (0.056)	0.22 (0.05)	U (0.0011)	0.024 (0.00097)	U (0.00086)	0.32 (0.14)	4.6 (0.6)	U (1.2)	0.2 (0.087)	
1,2,4-Trimethylbenzene	4700	300	0.00074 J (0.0019)	0.0016 J (0.0029)	84 (1.3)	0.027 J (0.14)	0.00054 J (0.002)	0.86 (0.11)	2.6 (0.1)	U (0.0023)	0.0035 (0.0019)	U (0.0017)	0.13 J (0.29)	94 (1.2)	1 J (2.3)	0.16 J (0.17)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	0.00038 J (0.0029)	27 (1.3)	0.016 J (0.14)	0.00026 J (0.002)	0.21 (0.11)	0.33 (0.1)	U (0.0023)	0.0031 (0.0019)	U (0.0017)	0.042 J (0.29)	27 (1.2)	0.22 J (2.3)	0.048 J (0.17)	
Xylenes (total)	7900	1000	U (0.0019)	0.017 J (0.0029)	76.7 J (1.3)	U (0.14)	0.0012 J (0.002)	0.304 J (0.11)	0.698 J (0.1)	U (0.0023)	0.0717 J (0.0019)	U (0.0017)	0.84 J (0.29)	104.2 J (1.2)	1.46 J (2.3)	0.504 J (0.17)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-C01-b	201-C01-b	201-C01-d	201-C01-d	201-C02-a	201-C02-c	201-C02-c	201-C02-c	201-C03-b	201-C03-b	201-C03-b	201-C04-c	201-C04-c	201-C04-c	201-C05-c
Cell	Soil Direct Contact	Soil to	201-C01	201-C01	201-C01	201-C01	201-C02	201-C02	201-C02	201-C02	201-C03	201-C03	201-C03	201-C04	201-C04	201-C04	201-C05
Field Sample ID	Numeric Value	Groundwater	201-C01-C1-VOC	201-C01-C2-VOC	201-C01-C3-VOC	201-C01-CX-VOC	201-C02-CX-VOC	201-C02-C1-VOC	201-C02-C2-VOC	201-C03-C1-VOC	201-C03-C2-VOC	201-C03-CX-VOC	201-C04-C1-VOC	201-C04-C2-VOC	201-C04-CX-VOC	201-C05-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	2.4 - 2.6	4.1 - 4.3	4.6 - 4.7	3.8 - 4.0	1.5 - 1.7	2.7 - 2.9	2.1 - 2.3	2.7 - 2.9	4.9 - 5.0	1.8 - 2.0	3.7 - 3.8	4.4 - 4.6	0.3 - 0.5	
Sample Date	(mg/kg)	(mg/kg)	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/17/2022	
VOCs																	
Benzene	280	0.5	U (0.068)	U (0.44)	0.04 (0.00052)	1.1 (0.14)	0.62 (0.029)	0.00024 J (0.00059)	0.071 (0.03)	U (0.097)	1.8 (0.34)	0.024 J (0.041)	0.28 (0.07)	U (0.18)	0.12 (0.058)	0.65 (0.074)	
Cumene	10000	2500	1.4 (0.14)	0.25 J (0.89)	0.006 (0.001)	1.8 (0.28)	3 (0.059)	0.0017 (0.0012)	0.71 (0.061)	0.55 (0.19)	3.5 (0.67)	0.28 (0.082)	1.6 (0.14)	3.6 (0.37)	1.1 (0.12)	1.1 (0.15)	
1,2-Dibromoethane	3.7	0.005	U (0.068)	U (0.44)	U (0.00052)	U (0.14)	U (0.029)	U (0.00059)	U (0.03)	U (0.097)	U (0.34)	U (0.041)	U (0.07)	U (0.18)	U (0.058)	U (0.074)	
1,2-Dichloroethane	85	0.5	U (0.14)	U (0.89)	U (0.001)	U (0.28)	U (0.059)	U (0.0012)	U (0.061)	U (0.19)	U (0.67)	U (0.082)	U (0.14)	U (0.37)	U (0.12)	U (0.15)	
Ethyl Benzene	880	70	U (0.14)	U (0.89)	0.00032 J (0.001)	1.6 (0.28)	1.3 (0.059)	0.00052 J (0.0012)	0.18 (0.061)	U (0.19)	4.3 (0.67)	0.23 (0.082)	4.8 (0.14)	11 (0.37)	3.5 (0.12)	5.3 (0.15)	
Methyl tert-butyl ether	8500	2	U (0.27)	U (1.8)	0.0018 J (0.0021)	U (0.56)	0.084 J (0.12)	U (0.0023)	U (0.12)	U (0.39)	U (1.3)	U (0.16)	U (0.28)	U (0.74)	U (0.23)	U (0.29)	
Toluene	10000	100	U (0.14)	U (0.89)	0.0023 (0.001)	0.22 J (0.28)	0.26 (0.059)	U (0.0012)	0.078 (0.061)	U (0.19)	1.2 (0.67)	U (0.082)	0.12 J (0.14)	0.37 (0.37)	0.087 J (0.12)	2.1 (0.15)	
1,2,4-Trimethylbenzene	4700	300	U (0.27)	U (1.8)	0.012 (0.0021)	28 (0.56)	17 (1.2)	0.0009 J (0.0023)	0.59 (0.12)	U (0.39)	51 (1.3)	4.7 (0.16)	25 (0.28)	63 (0.74)	16 (0.23)	46 (0.74)	
1,3,5-Trimethylbenzene	4700	93	U (0.27)	U (1.8)	0.01 (0.0021)	8.4 (0.56)	6.6 (0.12)	0.00046 J (0.0023)	0.33 (0.12)	U (0.39)	14 (1.3)	1.5 (0.16)	0.27 J (0.28)	1.8 (0.74)	0.65 (0.23)	13 (0.29)	
Xylenes (total)	7900	1000	U (0.27)	U (1.8)	0.0153 J (0.0021)	10.4 J (0.56)	6.5 J (0.12)	0.00176 J (0.0023)	0.7 J (0.12)	U (0.39)	17.9 J (1.3)	0.898 J (0.16)	1.06 J (0.28)	19.4 J (0.74)	0.74 J (0.23)	50.78 J (0.29)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-C05-c	201-C05-c	201-C06-a	201-C06-b	201-C06-b	201-C06-b	201-C07-b	201-C07-b	201-C07-b	201-C08-d	201-C08-d	201-C08-d	201-C09-a	201-C09-b	201-C09-b
Cell	Soil Direct Contact	Soil to	201-C05	201-C05	201-C06	201-C06	201-C06	201-C06	201-C07	201-C07	201-C07	201-C08	201-C08	201-C08	201-C09	201-C09	201-C09
Field Sample ID	Numeric Value	Groundwater	201-C05-C2-VOC	201-C05-CX-VOC	201-C06-C2-VOC	201-C06-C1-VOC	201-C06-CX-VOC	201-C07-C1-VOC	201-C07-C2-VOC	201-C07-CX-VOC	201-C08-C1-VOC	201-C08-C2-VOC	201-C08-CX-VOC	201-C09-CX-VOC	201-C09-C1-VOC	201-C09-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.0 - 2.1	1.8 - 2.0	1.2 - 1.4	3.2 - 3.4	1.2 - 1.4	2.1 - 2.3	2.9 - 3.0	0.0 - 0.2	0.3 - 0.5	0.8 - 0.9	0.8 - 0.9	0.8 - 0.9	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	2/17/2022	2/17/2022	2/22/2022	2/22/2022	2/22/2022	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/22/2022	2/22/2022	2/22/2022
VOCs																	
Benzene	280	0.5	1.4 (0.1)	0.45 (0.042)	0.0016 (0.0014)	U (0.00051)	U (0.073)	0.28 (0.078)	0.48 (0.32)	U (0.00051)	0.091 J (0.15)	0.1 (0.066)	U (0.00067)	0.00048 J (0.00058)	0.00032 J (0.00084)	U (0.00052)	
Cumene	10000	2500	7.4 (0.21)	0.062 (0.0016)	0.0017 J (0.0027)	0.00028 J (0.001)	0.43 (0.14)	1.9 (0.16)	3.7 (0.64)	U (0.001)	2.8 (0.3)	0.57 (0.13)	U (0.0013)	0.043 (0.0012)	0.0036 (0.0017)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.1)	U (0.00082)	U (0.0014)	U (0.00051)	U (0.073)	U (0.078)	U (0.32)	U (0.00051)	U (0.15)	U (0.066)	U (0.00067)	U (0.00058)	U (0.00084)	U (0.00052)	
1,2-Dichloroethane	85	0.5	U (0.21)	U (0.0016)	U (0.0027)	U (0.001)	U (0.14)	0.057 J (0.16)	U (0.64)	U (0.001)	U (0.3)	U (0.13)	U (0.0013)	U (0.0012)	U (0.0017)	U (0.001)	
Ethyl Benzene	880	70	20 (0.21)	0.22 (0.084)	U (0.0027)	0.00024 J (0.001)	0.028 J (0.14)	0.14 J (0.16)	0.31 J (0.64)	U (0.001)	0.16 J (0.3)	0.036 J (0.13)	U (0.0013)	0.0088 (0.0012)	0.0013 J (0.0017)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.41)	U (0.0033)	0.00089 J (0.0054)	U (0.002)	U (0.29)	U (0.31)	U (1.3)	U (0.002)	U (0.6)	U (0.26)	U (0.0027)	U (0.0023)	U (0.0034)	U (0.0021)	
Toluene	10000	100	4.7 (0.21)	0.21 (0.084)	0.005 (0.0027)	U (0.001)	0.16 (0.14)	0.17 (0.16)	U (0.64)	U (0.001)	U (0.3)	U (0.13)	U (0.0013)	0.0021 (0.0012)	0.0022 (0.0017)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	130 (1)	0.66 (0.17)	0.024 (0.0054)	0.0013 J (0.002)	1.2 (0.29)	0.56 (0.31)	0.77 J (1.3)	U (0.002)	0.85 (0.6)	0.16 J (0.26)	0.0014 J (0.0027)	0.21 (0.0023)	0.029 (0.0034)	U (0.0021)	
1,3,5-Trimethylbenzene	4700	93	46 (0.41)	0.2 (0.17)	0.0038 J (0.0054)	0.00066 J (0.002)	0.5 (0.29)	0.16 J (0.31)	0.19 J (1.3)	U (0.002)	0.23 J (0.6)	0.034 J (0.26)	0.00065 J (0.0027)	0.19 (0.0023)	0.018 (0.0034)	U (0.0021)	
Xylenes (total)	7900	1000	299 J (1)	1.6 J (0.17)	0.032 J (0.0054)	0.00142 J (0.002)	0.223 J (0.29)	1.14 J (0.31)	1.03 J (1.3)	U (0.002)	1.13 J (0.6)	0.149 J (0.26)	U (0.0027)	0.0224 J (0.0023)	0.0188 J (0.0034)	U (0.0021)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-C10-a	201-C10-b	201-C10-b	201-C11-d	201-C11-d	201-C11-d	201-C11-d	201-D01-c	201-D01-c	201-D01-c	201-D02-d	201-D02-d	201-D02-d	201-D03-a
Cell	Soil Direct Contact	Soil to	201-C10	201-C10	201-C10	201-C11	201-C11	201-C11	201-C11	201-D01	201-D01	201-D01	201-D02	201-D02	201-D02	201-D03
Field Sample ID	Numeric Value	Groundwater	201-C10-C2-VOC	201-C10-C1-VOC	201-C10-CX-VOC	201-C11-C1-VOC	201-C11-C2-VOC	201-C11-C3-VOC	201-C11-CX-VOC	201-D01-C1-VOC	201-D01-C2-VOC	201-D01-CX-VOC	201-D02-C1-VOC	201-D02-C2-VOC	201-D02-CX-VOC	201-D03-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.4 - 2.6	1.1 - 1.2	3.2 - 3.4	0.9 - 1.1	2.0 - 2.1	3.2 - 3.4	3.7 - 3.8	0.5 - 0.6	1.5 - 1.7	2.1 - 2.3	0.3 - 0.5	0.6 - 0.8	1.2 - 1.4	1.5 - 1.7
Sample Date	(mg/kg)	(mg/kg)	2/18/2022	2/18/2022	2/18/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022
VOCs																
Benzene	280	0.5	U (0.00046)	U (0.0011)	U (0.0011)	0.01 (0.00062)	2.1 (0.042)	28 (0.37)	34 (0.37)	U (0.0013)	U (0.00095)	U (0.00045)	U (0.00059)	U (0.00063)	U (0.00066)	1.5 (0.12)
Cumene	10000	2500	U (0.00093)	0.00072 J (0.0022)	U (0.0022)	0.038 (0.0012)	0.64 (0.084)	35 (0.73)	34 (0.74)	U (0.0026)	U (0.0019)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0013)	4.4 (0.23)
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.0011)	U (0.0011)	U (0.00062)	U (0.042)	U (0.37)	U (0.37)	U (0.0013)	U (0.00095)	U (0.00045)	U (0.00059)	U (0.00063)	U (0.00066)	U (0.12)
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.0022)	U (0.0022)	U (0.0012)	U (0.084)	U (0.73)	U (0.74)	U (0.0026)	U (0.0019)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0013)	U (0.23)
Ethyl Benzene	880	70	U (0.00093)	U (0.0022)	U (0.0022)	0.0024 (0.0012)	1.2 (0.084)	82 (0.73)	81 (0.74)	U (0.0026)	U (0.0019)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0013)	0.82 (0.23)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0044)	U (0.0044)	U (0.0025)	U (0.17)	U (1.5)	U (1.5)	U (0.0053)	U (0.0038)	U (0.0018)	U (0.0023)	U (0.0025)	U (0.0026)	U (0.47)
Toluene	10000	100	U (0.00093)	U (0.0022)	U (0.0022)	0.0029 (0.0012)	1.2 (0.084)	140 (0.73)	96 (0.74)	U (0.0026)	U (0.0019)	U (0.0009)	U (0.0012)	U (0.0013)	U (0.0013)	1.2 (0.23)
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0044)	U (0.0044)	0.0064 (0.0025)	4.4 (0.17)	300 (2.9)	250 (2.9)	U (0.0053)	U (0.0038)	U (0.0018)	U (0.0023)	U (0.0025)	U (0.0026)	1 (0.47)
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0044)	U (0.0044)	0.0022 J (0.0025)	1.5 (0.17)	84 (1.5)	82 (1.5)	U (0.0053)	U (0.0038)	U (0.0018)	U (0.0023)	U (0.0025)	U (0.0026)	2.9 (0.47)
Xylenes (total)	7900	1000	U (0.0018)	U (0.0044)	U (0.0044)	0.0128 J (0.0025)	3.4 J (0.17)	430 J (1.5)	420 J (1.5)	U (0.0053)	U (0.0038)	U (0.0018)	U (0.0023)	U (0.0025)	U (0.0026)	3.41 J (0.47)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-D03-a	201-D04-a	201-D04-a	201-D04-b	201-D05-c	201-D05-c	201-D05-c	201-D06-a	201-D06-c	201-D06-c	201-D07-b	201-D07-c	201-D07-c	201-D07-c
Cell	Soil Direct Contact	Soil to	201-D03	201-D04	201-D04	201-D04	201-D05	201-D05	201-D05	201-D06	201-D06	201-D06	201-D07	201-D07	201-D07	201-D07
Field Sample ID	Numeric Value	Groundwater	201-D03-CX-VOC	201-D04-C1-VOC	201-D04-C2-VOC	201-D04-CX-VOC	201-D05-C1-VOC	201-D05-C2-VOC	201-D05-CX-VOC	201-D06-C1-VOC	201-D06-C2-VOC	201-D06-CX-VOC	201-D07-C2-VOC	201-D07-C1-VOC	201-D07-C3-VOC	201-D07-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.9 - 1.1	2.0 - 2.1	2.6 - 2.7	1.4 - 1.5	2.9 - 3.0	3.5 - 3.7	1.2 - 1.4	2.1 - 2.3	3.4 - 3.5	1.4 - 1.5	1.2 - 1.4	3.8 - 4.0	4.3 - 4.4
Sample Date	(mg/kg)	(mg/kg)	1/31/2022	2/1/2022	2/1/2022	2/1/2022	2/1/2022	2/1/2022	2/1/2022	2/22/2022	2/22/2022	2/22/2022	2/1/2022	2/1/2022	2/1/2022	2/1/2022
VOCs																
Benzene	280	0.5	U (0.28)	U (0.0011)	U (0.00052)	U (0.0006)	U (0.00089)	U (0.00091)	3.3 (0.5)	0.00034 J (0.00072)	0.00083 J (0.0012)	U (0.00055)	U (0.00068)	U (0.00049)	U (0.00048)	U (0.00058)
Cumene	10000	2500	1.8 (0.57)	U (0.0021)	U (0.001)	U (0.0012)	U (0.0018)	0.091 J (0.13)	42 (1)	0.00062 J (0.0014)	0.00052 J (0.0023)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.00096)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.28)	U (0.0011)	U (0.00052)	U (0.0006)	U (0.00089)	U (0.00091)	U (0.5)	U (0.00072)	U (0.0012)	U (0.00055)	U (0.00068)	U (0.00049)	U (0.00048)	U (0.00058)
1,2-Dichloroethane	85	0.5	U (0.57)	U (0.0021)	U (0.001)	U (0.0012)	U (0.0018)	U (0.0018)	U (1)	U (0.0014)	U (0.0023)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.00096)	U (0.0012)
Ethyl Benzene	880	70	U (0.57)	U (0.0021)	U (0.001)	U (0.0012)	U (0.0018)	0.059 J (0.13)	34 (1)	U (0.0014)	0.00038 J (0.0023)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.00096)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (1.1)	U (0.0042)	U (0.0021)	U (0.0024)	0.0013 J (0.0036)	0.0018 J (0.0036)	0.53 J (2)	U (0.0029)	U (0.0047)	U (0.0022)	U (0.0027)	U (0.002)	U (0.0019)	U (0.0023)
Toluene	10000	100	U (0.57)	U (0.0021)	U (0.001)	U (0.0012)	U (0.0018)	0.072 J (0.13)	13 (1)	U (0.0014)	U (0.0023)	U (0.0011)	U (0.0014)	U (0.00098)	U (0.00096)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	U (1.1)	U (0.0042)	U (0.0021)	U (0.0024)	U (0.0036)	0.0085 (0.0036)	190 (2)	0.0012 J (0.0029)	0.001 J (0.0047)	U (0.0022)	U (0.0027)	U (0.002)	U (0.0019)	U (0.0023)
1,3,5-Trimethylbenzene	4700	93	U (1.1)	U (0.0042)	U (0.0021)	U (0.0024)	U (0.0036)	0.074 J (0.25)	65 (2)	0.00066 J (0.0029)	0.00071 J (0.0047)	U (0.0022)	U (0.0027)	U (0.002)	U (0.0019)	U (0.0023)
Xylenes (total)	7900	1000	U (1.1)	U (0.0042)	U (0.0021)	U (0.0024)	U (0.0036)	0.304 J (0.25)	130 J (2)	0.00219 J (0.0029)	0.00325 J (0.0047)	U (0.0022)	U (0.0027)	U (0.002)	U (0.0019)	U (0.0023)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-D08-c 201-D08	201-D08-c 201-D08	201-D08-c 201-D08	201-D08-d 201-D08	201-D09-d 201-D09	201-D09-d 201-D09	201-D09-d 201-D09	201-D09-d 201-D09	201-D10-a 201-D10	201-D10-a 201-D10	201-D10-c 201-D10	201-D11-a 201-D11	201-D11-b 201-D11	201-D11-b 201-D11
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	201-D08-C1-VOC 0.5 - 0.6	201-D08-C2-VOC 0.9 - 1.1	201-D08-C3-VOC 1.7 - 1.8	201-D08-CX-VOC 5.0 - 5.2	201-D09-C1-VOC 1.2 - 1.4	201-D09-C2-VOC 3.2 - 3.4	201-D09-C3-VOC 5.0 - 5.2	201-D09-CX-VOC 6.4 - 6.6	201-D10-C2-VOC 3.2 - 3.4	201-D10-CX-VOC 3.8 - 4.0	201-D10-C1-VOC 1.2 - 1.4	201-D11-C2-VOC 0.8 - 0.9	201-D11-C1-VOC 0.2 - 0.3	201-D11-CX-VOC 1.5 - 1.7
Collection Depth (ft bgs)	Sample Date	(mg/kg)	2/18/2022	2/18/2022	2/18/2022	2/18/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022
VOCs																
Benzene	280	0.5	26 (1.2)	0.39 (0.037)	U (0.0006)	0.00063 J (0.00095)	U (0.00052)	U (0.00049)	U (0.00052)	U (0.00069)	U (0.00057)	U (0.00053)	U (0.00083)	0.018 J (0.035)	0.00031 J (0.00051)	0.00072 (0.00051)
Cumene	10000	2500	50 (2.4)	2.3 (0.074)	U (0.0012)	0.00065 J (0.0019)	U (0.001)	U (0.00099)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0011)	U (0.0017)	0.85 (0.07)	0.0016 (0.001)	0.00029 J (0.001)
1,2-Dibromoethane	3.7	0.005	U (1.2)	U (0.037)	U (0.0006)	U (0.00095)	U (0.00052)	U (0.00049)	U (0.00052)	U (0.00069)	U (0.00057)	U (0.00053)	U (0.00083)	U (0.035)	U (0.00051)	U (0.00051)
1,2-Dichloroethane	85	0.5	U (2.4)	U (0.074)	U (0.0012)	U (0.0019)	U (0.001)	U (0.00099)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0011)	U (0.0017)	U (0.07)	U (0.001)	U (0.001)
Ethyl Benzene	880	70	87 (2.4)	0.79 (0.074)	U (0.0012)	0.00079 J (0.0019)	U (0.001)	U (0.00099)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0011)	U (0.0017)	1.6 (0.07)	0.00015 J (0.001)	0.00019 J (0.001)
Methyl tert-butyl ether	8500	2	U (4.8)	U (0.15)	U (0.0024)	U (0.0038)	U (0.0021)	U (0.002)	U (0.0021)	U (0.0028)	U (0.0023)	U (0.0021)	U (0.0033)	U (0.14)	U (0.002)	U (0.002)
Toluene	10000	100	2.9 (2.4)	0.23 (0.074)	U (0.0012)	U (0.0019)	U (0.001)	U (0.00099)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0011)	U (0.0017)	U (0.07)	U (0.001)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	400 (4.8)	4.7 (0.15)	U (0.0024)	0.0027 J (0.0038)	U (0.0021)	U (0.002)	U (0.0021)	U (0.0028)	U (0.0023)	U (0.0021)	U (0.0033)	5.6 (0.14)	0.00075 J (0.002)	0.00077 J (0.002)
1,3,5-Trimethylbenzene	4700	93	140 (4.8)	2.1 (0.15)	U (0.0024)	0.0009 J (0.0038)	U (0.0021)	U (0.002)	U (0.0021)	U (0.0028)	U (0.0023)	0.00074 J (0.0021)	U (0.0033)	2.9 (0.14)	0.00057 J (0.002)	0.0013 J (0.002)
Xylenes (total)	7900	1000	208.2 J (4.8)	2.93 J (0.15)	U (0.0024)	0.00235 J (0.0038)	U (0.0021)	U (0.002)	U (0.0021)	U (0.0028)	U (0.0023)	U (0.0021)	U (0.0033)	0.543 J (0.14)	0.0015 J (0.002)	U (0.002)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-D12-c	201-D12-c	201-E01-c	201-E01-c	201-E02-a	201-E02-b	201-E03-c	201-E03-c	201-E04-b	201-E04-b	201-E04-b	201-E05-d	201-E05-d	201-F01-b
Cell	Soil Direct Contact	Soil to	201-D12	201-D12	201-E01	201-E01	201-E02	201-E02	201-E03	201-E03	201-E04	201-E04	201-E04	201-E05	201-E05	201-F01
Field Sample ID	Numeric Value	Groundwater	201-D12-C1-VOC	201-D12-CX-VOC	201-E01-C1-VOC	201-E01-CX-VOC	201-E02-CX-VOC	201-E02-C1-VOC	201-E03-C1-VOC	201-E03-CX-VOC	201-E04-C1-VOC	201-E04-C2-VOC	201-E04-CX-VOC	201-E05-C1-VOC	201-E05-CX-VOC	201-F01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.0 - 2.1	1.7 - 1.8	2.3 - 2.4	2.0 - 2.1	1.4 - 1.5	0.3 - 0.5	3.0 - 3.2	0.9 - 1.1	2.4 - 2.6	3.0 - 3.2	1.1 - 1.2	1.7 - 1.8	1.8 - 2.0
Sample Date	(mg/kg)	(mg/kg)	2/18/2022	2/18/2022	2/23/2022	2/23/2022	2/23/2022	2/23/2022	4/19/2022	4/19/2022	2/23/2022	2/23/2022	2/23/2022	2/23/2022	2/23/2022	4/19/2022
VOCs																
Benzene	280	0.5	0.0025 (0.00062)	0.00043 J (0.00059)	6.3 (0.032)	1.1 (0.032)	U (0.00051)	U (0.00058)	0.0002 J (0.00052)	0.001 (0.00057)	U (0.00063)	U (0.00056)	U (0.00045)	U (0.00053)	U (0.00052)	U (0.00058)
Cumene	10000	2500	0.11 (0.0012)	0.00034 J (0.0012)	2.2 (0.063)	0.023 J (0.064)	0.002 (0.001)	0.0022 (0.0012)	U (0.001)	0.038 (0.0011)	U (0.0012)	0.00048 J (0.0011)	0.00073 J (0.0009)	U (0.0011)	0.00018 J (0.001)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00062)	U (0.00059)	U (0.032)	U (0.032)	U (0.00051)	U (0.00058)	U (0.00052)	U (0.00057)	U (0.00063)	U (0.00056)	U (0.00045)	U (0.00053)	U (0.00052)	U (0.00058)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0012)	U (0.063)	U (0.064)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0009)	U (0.0011)	U (0.001)	U (0.0012)
Ethyl Benzene	880	70	0.013 (0.0012)	0.0008 J (0.0012)	0.25 (0.063)	0.2 (0.064)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0009)	U (0.0011)	U (0.001)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.0024)	U (0.13)	U (0.13)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0023)	U (0.0025)	U (0.0022)	U (0.0018)	U (0.0021)	U (0.0021)	U (0.0023)
Toluene	10000	100	0.0026 (0.0012)	U (0.0012)	0.54 (0.063)	3.4 (0.064)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0009)	U (0.0011)	U (0.001)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	0.011 (0.0025)	0.002 J (0.0024)	0.25 (0.13)	0.084 J (0.13)	U (0.002)	U (0.0023)	U (0.0021)	0.00054 J (0.0023)	U (0.0025)	U (0.0022)	0.00041 J (0.0018)	0.00041 J (0.0021)	0.00091 J (0.0021)	U (0.0023)
1,3,5-Trimethylbenzene	4700	93	0.003 (0.0025)	0.00073 J (0.0024)	0.1 J (0.13)	0.027 J (0.13)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0023)	U (0.0025)	U (0.0022)	0.00018 J (0.0018)	U (0.0021)	0.00032 J (0.0021)	U (0.0023)
Xylenes (total)	7900	1000	0.0047 J (0.0025)	0.0019 J (0.0024)	1.2 J (0.13)	1.18 J (0.13)	U (0.002)	U (0.0023)	U (0.0021)	0.00168 J (0.0023)	U (0.0025)	U (0.0022)	U (0.0018)	U (0.0021)	0.0029 J (0.0021)	U (0.0023)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-F01-b	201-F02-a	201-F02-a	201-F03-d	201-F03-d	201-F03-d	201-F04-c	201-F04-c	201-F05-d	201-F05-d	202-A01-a	202-A01-a	202-A01-a	202-A01-c
Cell	Soil Direct Contact	Soil to	201-F01	201-F02	201-F02	201-F03	201-F03	201-F03	201-F04	201-F04	201-F05	201-F05	202-A01	202-A01	202-A01	202-A01
Field Sample ID	Numeric Value	Groundwater	201-F01-CX-VOC	201-F02-C1-VOC	201-F02-CX-VOC	201-F03-C1-VOC	201-F03-C2-VOC	201-F03-CX-VOC	201-F04-C1-VOC	201-F04-CX-VOC	201-F05-C1-VOC	201-F05-CX-VOC	202-A01-C2-VOC	202-A01-C3-VOC	202-A01-CX-VOC	202-A01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.4 - 2.6	1.1 - 1.2	1.5 - 1.7	0.5 - 0.6	1.2 - 1.4	2.1 - 2.3	1.4 - 1.5	2.4 - 2.6	0.0 - 0.2	0.6 - 0.8	2.3 - 2.4	2.7 - 2.9	4.0 - 4.1	1.4 - 1.5
Sample Date	(mg/kg)	(mg/kg)	4/19/2022	4/19/2022	4/19/2022	2/24/2022	2/24/2022	2/24/2022	4/19/2022	4/19/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
VOCs																
Benzene	280	0.5	U (0.00084)	0.05 (0.016)	0.026 J (0.03)	U (0.00052)	U (0.00068)	0.13 J (0.22)	U (0.00068)	U (0.00057)	U (0.00064)	U (0.00065)	U (0.00053)	U (0.00072)	0.00026 J (0.00046)	U (0.00054)
Cumene	10000	2500	U (0.0017)	0.15 (0.032)	1.9 (0.061)	U (0.001)	U (0.0014)	0.24 J (0.43)	U (0.0014)	U (0.0011)	U (0.0013)	0.00024 J (0.0013)	0.00015 J (0.0011)	0.0024 (0.0014)	0.00015 J (0.00092)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00084)	U (0.016)	U (0.03)	U (0.00052)	U (0.00068)	U (0.22)	U (0.00068)	U (0.00057)	U (0.00064)	U (0.00065)	U (0.00053)	U (0.00072)	U (0.00046)	U (0.00054)
1,2-Dichloroethane	85	0.5	U (0.0017)	U (0.032)	U (0.061)	U (0.001)	U (0.0014)	U (0.43)	U (0.0014)	U (0.0011)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0014)	U (0.00092)	U (0.0011)
Ethyl Benzene	880	70	U (0.0017)	0.015 J (0.032)	0.014 J (0.061)	U (0.001)	U (0.0014)	U (0.43)	U (0.0014)	U (0.0011)	U (0.0013)	0.00028 J (0.0013)	U (0.0011)	U (0.0014)	U (0.00092)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0033)	U (0.064)	U (0.12)	U (0.0021)	U (0.0027)	U (0.87)	U (0.0027)	U (0.0023)	U (0.0026)	U (0.0026)	0.00081 J (0.0021)	0.00031 J (0.0029)	U (0.0018)	U (0.0022)
Toluene	10000	100	U (0.0017)	0.04 (0.032)	0.058 J (0.061)	U (0.001)	U (0.0014)	U (0.43)	U (0.0014)	U (0.0011)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0014)	U (0.00092)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	U (0.0033)	0.05 J (0.064)	0.081 J (0.12)	U (0.0021)	U (0.0027)	U (0.87)	U (0.0027)	U (0.0023)	U (0.0026)	0.00071 J (0.0026)	U (0.0021)	0.0005 J (0.0029)	U (0.0018)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	U (0.0033)	0.015 J (0.064)	0.03 J (0.12)	U (0.0021)	U (0.0027)	U (0.87)	U (0.0027)	U (0.0023)	U (0.0026)	0.00033 J (0.0026)	U (0.0021)	U (0.0029)	U (0.0018)	U (0.0022)
Xylenes (total)	7900	1000	U (0.0033)	0.105 J (0.064)	0.298 J (0.12)	U (0.0021)	U (0.0027)	U (0.87)	U (0.0027)	U (0.0023)	U (0.0026)	U (0.0026)	U (0.0021)	U (0.0029)	U (0.0018)	U (0.0022)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-A02-d	202-A02-d	202-A03-a	202-A03-a	202-A03-d	202-A03-d	202-A04-c	202-A04-c	202-A04-c	202-A04-c	202-A05-d	202-A05-d	202-A05-d	202-A06-b
Cell	Soil Direct Contact	Soil to	202-A02	202-A02	202-A03	202-A03	202-A03	202-A03	202-A04	202-A04	202-A04	202-A04	202-A05	202-A05	202-A05	202-A06
Field Sample ID	Numeric Value	Groundwater	202-A02-C1-VOC	202-A02-CX-VOC	202-A03-C1-VOC	202-A03-C2-VOC	202-A03-C3-VOC	202-A03-CX-VOC	202-A04-C1-VOC	202-A04-C2-VOC	202-A04-C3-VOC	202-A04-CX-VOC	202-A05-C1-VOC	202-A05-C2-VOC	202-A05-CX-VOC	202-A06-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.8 - 0.9	1.4 - 1.5	1.2 - 1.4	2.7 - 2.9	2.9 - 3.0	3.4 - 3.5	0.2 - 0.3	0.9 - 1.1	1.8 - 2.0	2.4 - 2.6	2.6 - 2.7	3.7 - 3.8	6.1 - 6.2	0.3 - 0.5
Sample Date	(mg/kg)	(mg/kg)	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	4/28/2022
VOCs																
Benzene	280	0.5	0.00061 (0.00055)	0.012 J (0.033)	0.00021 J (0.00057)	0.00058 (0.00058)	0.00024 J (0.00048)	U (0.00063)	U (0.00061)	U (0.00054)	U (0.00049)	U (0.0005)	U (0.00051)	U (0.00065)	U (0.00064)	U (0.00062)
Cumene	10000	2500	0.021 (0.0011)	0.27 (0.066)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.0013)	0.13 (0.0012)	U (0.0011)	0.00016 J (0.00099)	0.00022 J (0.001)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00055)	U (0.033)	U (0.00057)	U (0.00058)	U (0.00048)	U (0.00063)	U (0.00061)	U (0.00054)	U (0.00049)	U (0.0005)	U (0.00051)	U (0.00065)	U (0.00064)	U (0.00062)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.066)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.00099)	U (0.001)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0012)
Ethyl Benzene	880	70	0.012 (0.0011)	0.19 (0.066)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.0013)	0.00052 J (0.0012)	U (0.0011)	U (0.00099)	U (0.001)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.13)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.0025)	0.0016 J (0.0024)	U (0.0022)	U (0.002)	U (0.002)	U (0.002)	U (0.0026)	U (0.0026)	U (0.0025)
Toluene	10000	100	0.00062 J (0.0011)	U (0.066)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.0013)	0.0021 (0.0012)	U (0.0011)	U (0.00099)	U (0.001)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	0.042 (0.0022)	3.5 (0.13)	U (0.0023)	0.00052 J (0.0023)	U (0.0019)	U (0.0025)	0.0018 J (0.0024)	U (0.0022)	U (0.002)	U (0.002)	U (0.002)	U (0.0026)	U (0.0026)	U (0.0025)
1,3,5-Trimethylbenzene	4700	93	0.067 (0.0022)	1.4 (0.13)	U (0.0023)	0.00062 J (0.0023)	U (0.0019)	U (0.0025)	0.0004 J (0.0024)	U (0.0022)	U (0.002)	U (0.002)	U (0.002)	U (0.0026)	U (0.0026)	U (0.0025)
Xylenes (total)	7900	1000	0.00202 J (0.0022)	0.133 J (0.13)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.0025)	0.0066 J (0.0024)	U (0.0022)	U (0.002)	U (0.002)	U (0.002)	U (0.0026)	U (0.0026)	U (0.0025)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-A06-b	202-A06-b	202-A06-b	202-A07-d	202-A07-d	202-A07-d	202-A07-d	202-A08-a	202-A08-a	202-A08-a	202-A09-a	202-A09-b	202-A09-b	202-A09-c
Cell	Soil Direct Contact	Soil to	202-A06	202-A06	202-A06	202-A07	202-A07	202-A07	202-A07	202-A08	202-A08	202-A08	202-A09	202-A09	202-A09	202-A09
Field Sample ID	Numeric Value	Groundwater	202-A06-C2-VOC	202-A06-C3-VOC	202-A06-CX-VOC	202-A07-C1-VOC	202-A07-C2-VOC	202-A07-C3-VOC	202-A07-CX-VOC	202-A08-C1-VOC	202-A08-C2-VOC	202-A08-CX-VOC	202-A09-C2-VOC	202-A09-C3-VOC	202-A09-CX-VOC	202-A09-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.2 - 1.4	1.8 - 2.0	0.6 - 0.8	2.1 - 2.3	4.3 - 4.4	6.4 - 6.6	2.6 - 2.7	4.7 - 4.9	6.7 - 6.9	1.4 - 1.5	2.9 - 3.0	3.4 - 3.5	0.2 - 0.3
Sample Date	(mg/kg)	(mg/kg)	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022
VOCs																
Benzene	280	0.5	U (0.00046)	U (0.00046)	U (0.00054)	U (0.0006)	U (0.00067)	U (0.00048)	U (0.00053)	U (0.03)	0.00026 J (0.00042)	U (0.00067)	U (0.00081)	U (0.00056)	U (0.00068)	U (0.00062)
Cumene	10000	2500	U (0.00093)	U (0.00093)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00096)	U (0.001)	0.066 (0.061)	0.00043 J (0.00084)	U (0.0013)	U (0.0016)	U (0.0011)	U (0.0014)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.00046)	U (0.00054)	U (0.0006)	U (0.00067)	U (0.00048)	U (0.00053)	U (0.03)	U (0.00042)	U (0.00067)	U (0.00081)	U (0.00056)	U (0.00068)	U (0.00062)
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.00093)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00096)	U (0.001)	U (0.061)	U (0.00084)	U (0.0013)	U (0.0016)	U (0.0011)	U (0.0014)	U (0.0012)
Ethyl Benzene	880	70	U (0.00093)	U (0.00093)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00096)	U (0.001)	U (0.061)	U (0.00084)	U (0.0013)	U (0.0016)	U (0.0011)	U (0.0014)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0019)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0019)	U (0.0021)	U (0.12)	U (0.0017)	U (0.0027)	U (0.0032)	U (0.0023)	U (0.0027)	U (0.0025)
Toluene	10000	100	U (0.00093)	U (0.00093)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00096)	U (0.001)	U (0.061)	U (0.00084)	U (0.0013)	U (0.0016)	U (0.0011)	U (0.0014)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0019)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0019)	U (0.0021)	U (0.12)	U (0.0017)	U (0.0027)	U (0.0032)	U (0.0023)	U (0.0027)	0.00052 J (0.0025)
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0019)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0019)	U (0.0021)	U (0.12)	U (0.0017)	U (0.0027)	U (0.0032)	0.00022 J (0.0023)	U (0.0027)	0.0005 J (0.0025)
Xylenes (total)	7900	1000	U (0.0018)	U (0.0019)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0019)	U (0.0021)	U (0.12)	U (0.0017)	U (0.0027)	U (0.0032)	U (0.0023)	U (0.0027)	U (0.0025)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-B01-d	202-B01-d	202-B01-d	202-B01-d	202-B02-c	202-B02-d	202-B02-d	202-B02-d	202-B02-d	202-B03-b	202-B03-b	202-B03-b	202-B03-b	202-B04-c	202-B04-c
Cell	Soil Direct Contact	Soil to	202-B01	202-B01	202-B01	202-B01	202-B02	202-B02	202-B02	202-B02	202-B02	202-B03	202-B03	202-B03	202-B03	202-B04	202-B04
Field Sample ID	Numeric Value	Groundwater	202-B01-C1-VOC	202-B01-C2-VOC	202-B01-C3-VOC	202-B01-CX-VOC	202-B02-C1-VOC	202-B02-C2-VOC	202-B02-C3-VOC	202-B02-CX-VOC	202-B02-CX-VOC	202-B03-C1-VOC	202-B03-C2-VOC	202-B03-C3-VOC	202-B03-CX-VOC	202-B04-C1-VOC	202-B04-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	1.8 - 2.0	3.2 - 3.4	3.7 - 3.8	0.8 - 0.9	3.2 - 3.4	4.9 - 5.0	5.5 - 5.6	0.6 - 0.8	0.9 - 1.1	2.0 - 2.1	2.3 - 2.4	0.9 - 1.1	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	
VOCs																	
Benzene	280	0.5	0.0025 (0.00066)	0.0014 (0.0011)	U (0.047)	U (0.0005)	U (0.00074)	U (0.00061)	U (0.00049)	U (0.00072)	U (0.00041)	U (0.0005)	U (0.00059)	U (0.00062)	U (0.00059)	U (0.00059)	
Cumene	10000	2500	0.0058 (0.0013)	0.019 (0.0022)	U (0.094)	U (0.001)	U (0.0015)	U (0.0012)	U (0.00097)	U (0.0014)	U (0.00081)	0.0032 (0.001)	U (0.0012)	U (0.0012)	0.0018 (0.0012)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00066)	U (0.0011)	U (0.047)	U (0.0005)	U (0.00074)	U (0.00061)	U (0.00049)	U (0.00072)	U (0.00041)	U (0.0005)	U (0.00059)	U (0.00062)	U (0.00059)	U (0.00059)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0022)	U (0.094)	U (0.001)	U (0.0015)	U (0.0012)	U (0.00097)	U (0.0014)	U (0.00081)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	
Ethyl Benzene	880	70	0.0061 (0.0013)	0.0016 J (0.0022)	U (0.094)	U (0.001)	U (0.0015)	U (0.0012)	U (0.00097)	U (0.0014)	U (0.00081)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0044)	U (0.19)	U (0.002)	U (0.003)	U (0.0024)	U (0.0019)	U (0.0029)	U (0.0016)	U (0.002)	U (0.0024)	U (0.0025)	U (0.0023)	U (0.0024)	
Toluene	10000	100	0.00079 J (0.0013)	0.0016 J (0.0022)	0.16 (0.094)	U (0.001)	U (0.0015)	U (0.0012)	U (0.00097)	U (0.0014)	U (0.00081)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	0.085 (0.0026)	0.0077 (0.0044)	U (0.19)	U (0.002)	U (0.003)	U (0.0024)	U (0.0019)	U (0.0029)	U (0.0016)	U (0.002)	U (0.0024)	U (0.0025)	U (0.0023)	U (0.0024)	
1,3,5-Trimethylbenzene	4700	93	0.052 (0.0026)	0.0031 J (0.0044)	U (0.19)	U (0.002)	U (0.003)	U (0.0024)	U (0.0019)	U (0.0029)	U (0.0016)	U (0.002)	U (0.0024)	U (0.0025)	U (0.0023)	U (0.0024)	
Xylenes (total)	7900	1000	0.0106 J (0.0026)	0.0145 J (0.0044)	U (0.19)	U (0.002)	U (0.003)	U (0.0024)	U (0.0019)	U (0.0029)	U (0.0016)	0.00158 J (0.002)	U (0.0024)	U (0.0025)	U (0.0023)	U (0.0024)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-B04-c	202-B04-c	202-B04-c	202-B05-b	202-B05-c	202-B05-d	202-B05-d	202-B06-a	202-B06-a	202-B06-a	202-B07-a	202-B07-a	202-B07-a	202-B07-a
Cell	Soil Direct Contact	Soil to	202-B04	202-B04	202-B04	202-B05	202-B05	202-B05	202-B05	202-B06	202-B06	202-B06	202-B07	202-B07	202-B07	202-B07
Field Sample ID	Numeric Value	Groundwater	202-B04-C3-VOC	202-B04-C4-VOC	202-B04-CX-VOC	202-B05-C1-VOC	202-B05-CX-VOC	202-B05-C2-VOC	202-B05-C3-VOC	202-B06-C1-VOC	202-B06-C2-VOC	202-B06-CX-VOC	202-B07-C1-VOC	202-B07-C2-VOC	202-B07-C3-VOC	202-B07-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.7 - 3.8	5.2 - 5.3	6.1 - 6.2	0.3 - 0.5	1.8 - 2.0	1.8 - 2.0	3.0 - 3.2	2.6 - 2.7	5.2 - 5.3	6.2 - 6.4	0.9 - 1.1	2.6 - 2.7	4.6 - 4.7	5.2 - 5.3
Sample Date	(mg/kg)	(mg/kg)	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022
VOCs																
Benzene	280	0.5	U (0.00048)	U (0.00063)	U (0.00043)	U (0.00058)	U (0.0005)	U (0.00049)	U (0.00054)	U (0.00063)	U (0.00046)	0.00079 (0.00048)	U (0.00045)	U (0.00065)	U (0.00055)	U (0.0006)
Cumene	10000	2500	U (0.00095)	U (0.0013)	U (0.00086)	U (0.0012)	U (0.001)	U (0.00098)	U (0.0011)	U (0.0012)	U (0.00093)	0.00015 J (0.00095)	U (0.0009)	U (0.0013)	U (0.0011)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00063)	U (0.00043)	U (0.00058)	U (0.0005)	U (0.00049)	U (0.00054)	U (0.00063)	U (0.00046)	U (0.00048)	U (0.00045)	U (0.00065)	U (0.00055)	U (0.0006)
1,2-Dichloroethane	85	0.5	U (0.00095)	U (0.0013)	U (0.00086)	U (0.0012)	U (0.001)	U (0.00098)	U (0.0011)	U (0.0012)	U (0.00093)	U (0.00095)	U (0.0009)	U (0.0013)	U (0.0011)	U (0.0012)
Ethyl Benzene	880	70	U (0.00095)	U (0.0013)	U (0.00086)	U (0.0012)	U (0.001)	U (0.00098)	U (0.0011)	U (0.0012)	U (0.00093)	U (0.00095)	U (0.0009)	U (0.0013)	U (0.0011)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0025)	U (0.0017)	U (0.0023)	U (0.002)	U (0.002)	U (0.0022)	U (0.0025)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0026)	U (0.0022)	U (0.0024)
Toluene	10000	100	U (0.00095)	U (0.0013)	U (0.00086)	U (0.0012)	U (0.001)	U (0.00098)	U (0.0011)	U (0.0012)	U (0.00093)	U (0.00095)	U (0.0009)	U (0.0013)	U (0.0011)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0025)	U (0.0017)	U (0.0023)	U (0.002)	U (0.002)	U (0.0022)	U (0.0025)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0026)	U (0.0022)	U (0.0024)
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0025)	U (0.0017)	U (0.0023)	U (0.002)	U (0.002)	U (0.0022)	U (0.0025)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0026)	U (0.0022)	U (0.0024)
Xylenes (total)	7900	1000	U (0.0019)	U (0.0025)	U (0.0017)	U (0.0023)	U (0.002)	U (0.002)	U (0.0022)	U (0.0025)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0026)	U (0.0022)	U (0.0024)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-B08-a	202-B08-a	202-B08-b	202-B08-b	202-B09-c	202-B09-c	202-B09-c	202-B10-c	202-B10-c	202-B10-c	202-B10-c	202-C01-a	202-C01-a	202-C01-a
Cell	Soil Direct Contact	Soil to	202-B08	202-B08	202-B08	202-B08	202-B09	202-B09	202-B09	202-B10	202-B10	202-B10	202-B10	202-C01	202-C01	202-C01
Field Sample ID	Numeric Value	Groundwater	202-B08-C2-VOC	202-B08-C3-VOC	202-B08-C1-VOC	202-B08-CX-VOC	202-B09-C1-VOC	202-B09-C2-VOC	202-B09-CX-VOC	202-B10-C1-VOC	202-B10-C2-VOC	202-B10-C3-VOC	202-B10-CX-VOC	202-C01-C1-VOC	202-C01-C2-VOC	202-C01-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.8 - 2.0	3.7 - 3.8	1.2 - 1.4	4.6 - 4.7	1.1 - 1.2	1.5 - 1.7	2.7 - 2.9	1.4 - 1.5	2.7 - 2.9	4.3 - 4.4	4.9 - 5.0	0.9 - 1.1	2.1 - 2.3	3.7 - 3.8
Sample Date	(mg/kg)	(mg/kg)	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	4/5/2022	4/5/2022	4/5/2022
VOCs																
Benzene	280	0.5	U (0.00045)	U (0.00069)	U (0.00076)	U (0.00054)	U (0.00045)	U (0.00084)	U (0.00051)	U (0.00055)	U (0.00052)	U (0.00058)	U (0.0006)	0.23 (0.099)	U (0.00052)	U (0.058)
Cumene	10000	2500	U (0.00091)	U (0.0014)	U (0.0015)	U (0.0011)	U (0.0009)	U (0.0017)	U (0.001)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	3.4 (0.2)	0.0016 (0.001)	U (0.12)
1,2-Dibromoethane	3.7	0.005	U (0.00045)	U (0.00069)	U (0.00076)	U (0.00054)	U (0.00045)	U (0.00084)	U (0.00051)	U (0.00055)	U (0.00052)	U (0.00058)	U (0.0006)	U (0.099)	U (0.00052)	U (0.058)
1,2-Dichloroethane	85	0.5	U (0.00091)	U (0.0014)	U (0.0015)	U (0.0011)	U (0.0009)	U (0.0017)	U (0.001)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	U (0.2)	U (0.001)	U (0.12)
Ethyl Benzene	880	70	U (0.00091)	U (0.0014)	U (0.0015)	U (0.0011)	U (0.0009)	U (0.0017)	U (0.001)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	0.56 (0.2)	0.00017 J (0.001)	U (0.12)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0028)	U (0.003)	U (0.0022)	U (0.0018)	U (0.0034)	U (0.002)	U (0.0022)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.4)	U (0.0021)	U (0.23)
Toluene	10000	100	U (0.00091)	U (0.0014)	U (0.0015)	U (0.0011)	U (0.0009)	U (0.0017)	U (0.001)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	U (0.2)	U (0.001)	U (0.12)
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0028)	U (0.003)	U (0.0022)	U (0.0018)	U (0.0034)	U (0.002)	U (0.0022)	U (0.0021)	U (0.0023)	U (0.0024)	0.36 J (0.4)	U (0.0021)	U (0.23)
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0028)	U (0.003)	U (0.0022)	U (0.0018)	U (0.0034)	U (0.002)	U (0.0022)	U (0.0021)	U (0.0023)	U (0.0024)	0.055 J (0.4)	0.00029 J (0.0021)	U (0.23)
Xylenes (total)	7900	1000	U (0.0018)	U (0.0028)	U (0.003)	U (0.0022)	U (0.0018)	U (0.0034)	U (0.002)	U (0.0022)	U (0.0021)	U (0.0023)	U (0.0024)	0.59 J (0.4)	U (0.0021)	U (0.23)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-C01-a	202-C02-b	202-C02-b	202-C02-d	202-C02-d	202-C02-d	202-C03-a	202-C03-a	202-C03-a	202-C03-b	202-C03-d	202-C04-a	202-C04-a	202-C04-a
Cell	Soil Direct Contact	Soil to	202-C01	202-C02	202-C02	202-C02	202-C02	202-C02	202-C03	202-C03	202-C03	202-C03	202-C03	202-C04	202-C04	202-C04
Field Sample ID	Numeric Value	Groundwater	202-C01-CX-VOC	202-C02-C4-VOC	202-C02-CX-VOC	202-C02-C1-VOC	202-C02-C2-VOC	202-C02-C3-VOC	202-C03-C1-VOC	202-C03-C2-VOC	202-C03-C3-VOC	202-C03-CX-VOC	202-C03-C4-VOC	202-C04-C1-VOC	202-C04-C2-VOC	202-C04-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.2 - 5.3	2.7 - 2.9	3.7 - 3.8	0.0 - 0.2	1.5 - 1.7	1.8 - 2.0	0.8 - 0.9	1.2 - 1.4	2.4 - 2.6	2.4 - 2.6	0.8 - 0.9	0.6 - 0.8	1.2 - 1.4	2.4 - 2.6
Sample Date	(mg/kg)	(mg/kg)	4/5/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	3/31/2022	3/31/2022	3/31/2022
VOCs																
Benzene	280	0.5	0.039 (0.033)	U (0.31)	U (0.03)	0.00022 J (0.00053)	U (0.03)	U (0.028)	U (0.043)	U (0.00045)	U (0.0007)	U (0.00058)	U (0.00052)	U (0.063)	U (0.00054)	U (0.0005)
Cumene	10000	2500	1.1 (0.066)	30 (0.61)	4.2 (0.06)	0.012 (0.001)	0.032 J (0.06)	5.4 (0.057)	2.6 (0.086)	0.0073 (0.0009)	0.017 (0.0014)	U (0.0012)	U (0.001)	1.6 (0.12)	U (0.0011)	0.00029 J (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.31)	U (0.03)	U (0.00053)	U (0.03)	U (0.028)	U (0.043)	U (0.00045)	U (0.0007)	U (0.00058)	U (0.00052)	U (0.063)	U (0.00054)	U (0.0005)
1,2-Dichloroethane	85	0.5	U (0.066)	U (0.61)	U (0.06)	U (0.001)	U (0.06)	U (0.057)	U (0.086)	U (0.0009)	U (0.0014)	U (0.0012)	U (0.001)	U (0.12)	U (0.0011)	U (0.001)
Ethyl Benzene	880	70	0.54 (0.066)	U (0.61)	U (0.06)	0.0003 J (0.001)	U (0.06)	0.022 J (0.057)	U (0.086)	U (0.0009)	0.00021 J (0.0014)	U (0.0012)	U (0.001)	0.059 J (0.12)	U (0.0011)	U (0.001)
Methyl tert-butyl ether	8500	2	U (0.13)	U (1.2)	U (0.12)	U (0.0021)	U (0.12)	U (0.11)	U (0.17)	U (0.0018)	U (0.0028)	U (0.0023)	U (0.0021)	U (0.25)	U (0.0022)	U (0.002)
Toluene	10000	100	U (0.066)	U (0.61)	U (0.06)	U (0.001)	U (0.06)	U (0.057)	U (0.086)	0.00075 J (0.0009)	U (0.0014)	U (0.0012)	U (0.001)	U (0.12)	U (0.0011)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	6.3 (0.13)	U (1.2)	U (0.12)	0.0012 J (0.0021)	U (0.12)	U (0.11)	U (0.17)	U (0.0018)	0.00061 J (0.0028)	U (0.0023)	U (0.0021)	0.075 J (0.25)	U (0.0022)	U (0.002)
1,3,5-Trimethylbenzene	4700	93	0.33 (0.13)	U (1.2)	U (0.12)	0.00034 J (0.0021)	U (0.12)	U (0.11)	U (0.17)	U (0.0018)	0.001 J (0.0028)	U (0.0023)	U (0.0021)	U (0.25)	U (0.0022)	U (0.002)
Xylenes (total)	7900	1000	0.627 J (0.13)	U (1.2)	U (0.12)	0.0027 J (0.0021)	U (0.12)	0.084 J (0.11)	U (0.17)	0.0026 J (0.0018)	0.00214 J (0.0028)	U (0.0023)	U (0.0021)	U (0.25)	U (0.0022)	U (0.002)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-C04-a	202-C05-a	202-C05-a	202-C05-c	202-C05-c	202-C06-a	202-C06-a	202-C06-a	202-C06-a	202-C07-b	202-C07-b	202-C07-b	202-C07-b	202-C07-b
Cell	Soil Direct Contact	Soil to	202-C04	202-C05	202-C05	202-C05	202-C05	202-C06	202-C06	202-C06	202-C06	202-C07	202-C07	202-C07	202-C07	202-C07
Field Sample ID	Numeric Value	Groundwater	202-C04-CX-VOC	202-C05-C1-VOC	202-C05-C3-VOC	202-C05-C2-VOC	202-C05-CX-VOC	202-C06-C1-VOC	202-C06-C2-VOC	202-C06-C3-VOC	202-C06-CX-VOC	202-C07-C1-VOC	202-C07-C2-VOC	202-C07-C3-VOC	202-C07-C4-VOC	202-C07-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.7 - 3.8	0.5 - 0.6	2.3 - 2.4	2.1 - 2.3	4.9 - 5.0	0.5 - 0.6	0.9 - 1.1	1.8 - 2.0	2.4 - 2.6	0.6 - 0.8	2.3 - 2.4	3.2 - 3.4	5.0 - 5.2	5.6 - 5.8
Sample Date	(mg/kg)	(mg/kg)	3/31/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022
VOCs																
Benzene	280	0.5	U (0.00056)	U (0.00071)	U (0.00055)	U (0.0006)	U (0.00067)	U (0.00077)	U (0.00053)	U (0.00063)	U (0.00092)	U (0.00055)	U (0.00047)	U (0.00051)	U (0.00054)	U (0.00051)
Cumene	10000	2500	U (0.0011)	U (0.0014)	U (0.0011)	0.00097 J (0.0012)	U (0.0013)	U (0.0015)	U (0.001)	U (0.0012)	U (0.0018)	U (0.0011)	U (0.00094)	U (0.001)	U (0.0011)	U (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.00056)	U (0.00071)	U (0.00055)	U (0.0006)	U (0.00067)	U (0.00077)	U (0.00053)	U (0.00063)	U (0.00092)	U (0.00055)	U (0.00047)	U (0.00051)	U (0.00054)	U (0.00051)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0015)	U (0.001)	U (0.0012)	U (0.0018)	U (0.0011)	U (0.00094)	U (0.001)	U (0.0011)	U (0.001)
Ethyl Benzene	880	70	U (0.0011)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0015)	U (0.001)	U (0.0012)	U (0.0018)	0.00018 J (0.0011)	U (0.00094)	U (0.001)	U (0.0011)	U (0.001)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0028)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0031)	U (0.0021)	U (0.0025)	U (0.0037)	U (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.002)
Toluene	10000	100	U (0.0011)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0015)	U (0.001)	U (0.0012)	0.0053 (0.0018)	U (0.0011)	U (0.00094)	U (0.001)	U (0.0011)	U (0.001)
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.0028)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0031)	U (0.0021)	U (0.0025)	U (0.0037)	0.0023 (0.0022)	0.00049 J (0.0019)	U (0.002)	U (0.0022)	U (0.002)
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.0028)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0031)	U (0.0021)	U (0.0025)	U (0.0037)	0.012 (0.0022)	0.00092 J (0.0019)	U (0.002)	0.00047 J (0.0022)	0.0026 (0.002)
Xylenes (total)	7900	1000	U (0.0022)	U (0.0028)	U (0.0022)	U (0.0024)	U (0.0027)	U (0.0031)	U (0.0021)	U (0.0025)	U (0.0037)	0.0023 J (0.0022)	U (0.0019)	U (0.002)	U (0.0022)	U (0.002)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-C08-b	202-C08-c	202-C08-c	202-C08-c	202-C08-d	202-C09-c	202-C09-c	202-C09-c	202-C09-c	202-C09-c	202-C10-b	202-C10-b	202-C10-b	202-C10-b	202-C11-a
Cell	Soil Direct Contact	Soil to	202-C08	202-C08	202-C08	202-C08	202-C08	202-C09	202-C09	202-C09	202-C09	202-C09	202-C10	202-C10	202-C10	202-C10	202-C11
Field Sample ID	Numeric Value	Groundwater	202-C08-CX-VOC	202-C08-C1-VOC	202-C08-C2-VOC	202-C08-C3-VOC	202-C08-C4-VOC	202-C09-C1-VOC	202-C09-C2-VOC	202-C09-C3-VOC	202-C09-CX-VOC	202-C10-C1-VOC	202-C10-C2-VOC	202-C10-C3-VOC	202-C10-CX-VOC	202-C11-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.6 - 5.8	1.2 - 1.4	1.5 - 1.7	3.0 - 3.2	3.8 - 4.0	1.2 - 1.4	2.7 - 2.9	3.8 - 4.0	4.7 - 4.9	0.2 - 0.3	2.1 - 2.3	3.4 - 3.5	4.7 - 4.9	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	
VOCs																	
Benzene	280	0.5	U (0.029)	U (0.0005)	U (0.00074)	U (0.00065)	U (0.00053)	U (0.00065)	U (0.00053)	U (0.00047)	U (0.00068)	U (0.00061)	U (0.00064)	U (0.00052)	U (0.00047)	0.00039 J (0.00063)	
Cumene	10000	2500	1.8 (0.058)	U (0.001)	U (0.0015)	U (0.0013)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00095)	U (0.0014)	U (0.0012)	U (0.0013)	U (0.001)	U (0.00094)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.029)	U (0.0005)	U (0.00074)	U (0.00065)	U (0.00053)	U (0.00065)	U (0.00053)	U (0.00047)	U (0.00068)	U (0.00061)	U (0.00064)	U (0.00052)	U (0.00047)	U (0.00063)	
1,2-Dichloroethane	85	0.5	U (0.058)	U (0.001)	U (0.0015)	U (0.0013)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00095)	U (0.0014)	U (0.0012)	U (0.0013)	U (0.001)	U (0.00094)	U (0.0012)	
Ethyl Benzene	880	70	1.5 (0.058)	U (0.001)	U (0.0015)	U (0.0013)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00095)	U (0.0014)	U (0.0012)	U (0.0013)	U (0.001)	U (0.00094)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.002)	U (0.003)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0027)	U (0.0024)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0025)	
Toluene	10000	100	U (0.058)	U (0.001)	U (0.0015)	U (0.0013)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00095)	U (0.0014)	U (0.0012)	U (0.0013)	U (0.001)	U (0.00094)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	2.3 (0.12)	U (0.002)	U (0.003)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0027)	U (0.0024)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0025)	
1,3,5-Trimethylbenzene	4700	93	0.87 (0.12)	U (0.002)	U (0.003)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0027)	U (0.0024)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0025)	
Xylenes (total)	7900	1000	0.129 J (0.12)	U (0.002)	U (0.003)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0027)	U (0.0024)	U (0.0026)	U (0.0021)	U (0.0019)	U (0.0025)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-C11-d	202-C11-d	202-C12-a	202-C12-a	202-C12-a	202-C12-a	202-C12-a	202-C12-a	202-D01-c	202-D01-c	202-D01-c	202-D01-c	202-D01-c	202-D02-c	202-D02-c
Cell	Soil Direct Contact	Soil to	202-C11	202-C11	202-C12	202-C12	202-C12	202-C12	202-C12	202-C12	202-D01	202-D01	202-D01	202-D01	202-D01	202-D02	202-D02
Field Sample ID	Numeric Value	Groundwater	202-C11-C2-VOC	202-C11-CX-VOC	202-C12-C1-VOC	202-C12-C2-VOC	202-C12-C3-VOC	202-C12-C4-VOC	202-C12-CX-VOC	202-D01-C1-VOC	202-D01-C2-VOC	202-D01-C3-VOC	202-D01-C4-VOC	202-D01-CX-VOC	202-D02-C1-VOC	202-D02-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.6 - 2.7	4.3 - 4.4	0.8 - 0.9	1.5 - 1.7	3.0 - 3.2	3.8 - 4.0	4.9 - 5.0	0.5 - 0.6	1.2 - 1.4	2.9 - 3.0	3.7 - 3.8	4.6 - 4.7	0.5 - 0.6	1.1 - 1.2	
Sample Date	(mg/kg)	(mg/kg)	2/28/2022	2/28/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	4/4/2022	4/4/2022	
VOCs																	
Benzene	280	0.5	0.00016 J (0.00048)	U (0.00055)	U (0.00055)	U (0.00053)	U (0.00048)	U (0.00049)	U (0.00058)	U (0.00059)	0.00018 J (0.0005)	U (0.0006)	U (0.00059)	U (0.00055)	U (0.00058)	0.014 J (0.031)	
Cumene	10000	2500	U (0.00096)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00098)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0012)	1.4 (0.063)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00055)	U (0.00055)	U (0.00053)	U (0.00048)	U (0.00049)	U (0.00058)	U (0.00059)	U (0.0005)	U (0.0006)	U (0.00059)	U (0.00055)	U (0.00058)	U (0.031)	
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00098)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.063)	
Ethyl Benzene	880	70	U (0.00096)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00098)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0012)	0.033 J (0.063)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0024)	U (0.002)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0023)	U (0.12)	
Toluene	10000	100	U (0.00096)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00098)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0012)	0.058 J (0.063)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0024)	U (0.002)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0023)	0.13 (0.12)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0024)	U (0.002)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0023)	0.044 J (0.12)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.002)	U (0.0023)	U (0.0024)	U (0.002)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0023)	0.265 J (0.12)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-D02-c	202-D02-c	202-D03-d	202-D03-d	202-D03-d	202-D03-d	202-D03-d	202-D04-b	202-D04-d	202-D04-d	202-D04-d	202-D05-b	202-D05-b	202-D05-b	202-D05-b
Cell	Soil Direct Contact	Soil to	202-D02	202-D02	202-D03	202-D03	202-D03	202-D03	202-D03	202-D04	202-D04	202-D04	202-D04	202-D05	202-D05	202-D05	202-D05
Field Sample ID	Numeric Value	Groundwater	202-D02-C3-VOC	202-D02-CX-VOC	202-D03-C1-VOC	202-D03-C2-VOC	202-D03-C3-VOC	202-D03-CX-VOC	202-D04-C1-VOC	202-D04-C2-VOC	202-D04-C3-VOC	202-D04-CX-VOC	202-D05-C1-VOC	202-D05-C2-VOC	202-D05-C3-VOC	202-D05-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.5 - 1.7	2.1 - 2.3	0.9 - 1.1	2.1 - 2.3	3.0 - 3.2	4.0 - 4.1	0.8 - 0.9	1.2 - 1.4	1.5 - 1.7	2.6 - 2.7	0.8 - 0.9	1.5 - 1.7	3.0 - 3.2	4.3 - 4.4	
Sample Date	(mg/kg)	(mg/kg)	4/4/2022	4/4/2022	4/4/2022	4/4/2022	4/4/2022	4/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	
VOCs																	
Benzene	280	0.5	0.014 J (0.033)	0.00047 J (0.00053)	U (0.00053)	U (0.00048)	U (0.00061)	U (0.00052)	U (0.00058)	U (0.00059)	U (0.00052)	U (0.00051)	0.00038 J (0.00056)	U (0.00061)	U (0.00052)	U (0.00051)	
Cumene	10000	2500	3.1 (0.066)	0.03 (0.001)	U (0.0011)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.001)	0.0045 (0.0011)	0.00034 J (0.0012)	0.0083 (0.001)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.00053)	U (0.00053)	U (0.00048)	U (0.00061)	U (0.00052)	U (0.00058)	U (0.00059)	U (0.00052)	U (0.00051)	U (0.00056)	U (0.00061)	U (0.00052)	U (0.00051)	
1,2-Dichloroethane	85	0.5	U (0.066)	U (0.001)	U (0.0011)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.001)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	
Ethyl Benzene	880	70	0.05 J (0.066)	0.0085 (0.001)	U (0.0011)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.001)	0.0014 (0.0011)	U (0.0012)	U (0.001)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0021)	U (0.002)	
Toluene	10000	100	0.057 J (0.066)	0.0037 (0.001)	U (0.0011)	U (0.00097)	U (0.0012)	U (0.001)	0.0033 (0.0012)	U (0.0012)	U (0.001)	U (0.001)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.13)	0.0068 (0.0021)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	0.0033 (0.0022)	U (0.0024)	U (0.0021)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.13)	0.004 (0.0021)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	0.0014 J (0.0022)	U (0.0024)	U (0.0021)	U (0.002)	
Xylenes (total)	7900	1000	0.111 J (0.13)	0.0085 J (0.0021)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	0.0027 J (0.0022)	U (0.0024)	U (0.0021)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-D05-b	202-D06-d	202-D06-d	202-D06-d	202-D06-d	202-D06-d	202-D07-b	202-D07-b	202-D07-b	202-D07-c	202-D07-c	202-D08-b	202-D08-b	202-D08-b	202-D08-c
Cell	Soil Direct Contact	Soil to	202-D05	202-D06	202-D06	202-D06	202-D06	202-D06	202-D07	202-D07	202-D07	202-D07	202-D07	202-D08	202-D08	202-D08	202-D08
Field Sample ID	Numeric Value	Groundwater	202-D05-CX-VOC	202-D06-C1-VOC	202-D06-C2-VOC	202-D06-C3-VOC	202-D06-CX-VOC	202-D07-C1-VOC	202-D07-C2-VOC	202-D07-C4-VOC	202-D07-C3-VOC	202-D07-CX-VOC	202-D08-C1-VOC	202-D08-C2-VOC	202-D08-C3-VOC	202-D08-CX-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.0 - 5.2	0.9 - 1.1	2.6 - 2.7	3.7 - 3.8	4.6 - 4.7	0.3 - 0.5	0.9 - 1.1	2.7 - 2.9	1.5 - 1.7	2.7 - 2.9	1.1 - 1.2	1.8 - 2.0	3.4 - 3.5	2.4 - 2.6	
Sample Date	(mg/kg)	(mg/kg)	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	
VOCs																	
Benzene	280	0.5	U (0.0005)	U (0.00046)	U (0.00051)	U (0.00046)	U (0.00055)	U (0.0005)	U (0.0006)	U (0.00054)	U (0.0005)	U (0.00057)	U (0.0006)	U (0.00066)	U (0.00046)	U (0.00051)	
Cumene	10000	2500	U (0.001)	U (0.00092)	U (0.001)	U (0.00092)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00092)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.0005)	U (0.00046)	U (0.00051)	U (0.00046)	U (0.00055)	U (0.0005)	U (0.0006)	U (0.00054)	U (0.0005)	U (0.00057)	U (0.0006)	U (0.00066)	U (0.00046)	U (0.00051)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.00092)	U (0.001)	U (0.00092)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00092)	U (0.001)	
Ethyl Benzene	880	70	U (0.001)	U (0.00092)	U (0.001)	U (0.00092)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00092)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0022)	U (0.002)	U (0.0023)	U (0.0024)	U (0.0026)	U (0.0018)	U (0.002)	
Toluene	10000	100	U (0.001)	U (0.00092)	U (0.001)	U (0.00092)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.00092)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0022)	U (0.002)	U (0.0023)	U (0.0024)	U (0.0026)	U (0.0018)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0022)	U (0.002)	U (0.0023)	U (0.0024)	U (0.0026)	U (0.0018)	U (0.002)	
Xylenes (total)	7900	1000	U (0.002)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0022)	U (0.002)	U (0.0023)	U (0.0024)	U (0.0026)	U (0.0018)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-D09-b	202-D09-b	202-D09-b	202-D09-c	202-D09-c	202-E01-d	202-E01-d	202-E01-d	202-E01-d	202-E01-d	202-E02-d	202-E02-d	202-E02-d	202-E02-d
Cell	Soil Direct Contact	Soil to	202-D09	202-D09	202-D09	202-D09	202-D09	202-E01	202-E01	202-E01	202-E01	202-E01	202-E02	202-E02	202-E02	202-E02
Field Sample ID	Numeric Value	Groundwater	202-D09-C3-VOC	202-D09-C4-VOC	202-D09-CX-VOC	202-D09-C1-VOC	202-D09-C2-VOC	202-E01-C1-VOC	202-E01-C2-VOC	202-E01-C3-VOC	202-E01-C4-VOC	202-E01-CX-VOC	202-E02-C1-VOC	202-E02-C2-VOC	202-E02-C3-VOC	202-E02-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.4 - 2.6	2.7 - 2.9	0.6 - 0.8	1.5 - 1.7	0.6 - 0.8	1.8 - 2.0	3.7 - 3.8	5.5 - 5.6	7.5 - 7.6	1.1 - 1.2	2.3 - 2.4	4.6 - 4.7	6.7 - 6.9
Sample Date	(mg/kg)	(mg/kg)	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/24/2022	3/24/2022	3/24/2022	3/24/2022
VOCs																
Benzene	280	0.5	U (0.00051)	U (0.00055)	U (0.00051)	U (0.00053)	U (0.00048)	U (0.0006)	0.0011 (0.00087)	U (0.00053)	U (0.00049)	U (0.034)	U (0.059)	U (0.00058)	U (0.00056)	U (0.033)
Cumene	10000	2500	U (0.001)	U (0.0011)	U (0.001)	U (0.001)	U (0.00097)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00098)	0.88 (0.067)	3 (0.12)	U (0.0012)	0.002 (0.0011)	0.29 (0.066)
1,2-Dibromoethane	3.7	0.005	U (0.00051)	U (0.00055)	U (0.00051)	U (0.00053)	U (0.00048)	U (0.0006)	U (0.00087)	U (0.00053)	U (0.00049)	U (0.034)	U (0.059)	U (0.00058)	U (0.00056)	U (0.033)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0011)	U (0.001)	U (0.001)	U (0.00097)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00098)	U (0.067)	U (0.12)	U (0.0012)	U (0.0011)	U (0.066)
Ethyl Benzene	880	70	U (0.001)	U (0.0011)	U (0.001)	U (0.001)	U (0.00097)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00098)	0.21 (0.067)	0.069 J (0.12)	U (0.0012)	0.00037 J (0.0011)	U (0.066)
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0022)	U (0.002)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0035)	U (0.0021)	U (0.002)	U (0.13)	U (0.24)	U (0.0023)	U (0.0022)	U (0.13)
Toluene	10000	100	U (0.001)	U (0.0011)	U (0.001)	U (0.001)	U (0.00097)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00098)	0.046 J (0.067)	U (0.12)	U (0.0012)	U (0.0011)	U (0.066)
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.0022)	U (0.002)	U (0.0021)	U (0.0019)	U (0.0024)	0.0008 J (0.0035)	U (0.0021)	U (0.002)	6.2 (0.13)	U (0.24)	U (0.0023)	U (0.0022)	U (0.13)
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.0022)	U (0.002)	U (0.0021)	U (0.0019)	U (0.0024)	0.00047 J (0.0035)	U (0.0021)	U (0.002)	1.5 (0.13)	U (0.24)	U (0.0023)	U (0.0022)	U (0.13)
Xylenes (total)	7900	1000	U (0.002)	U (0.0022)	U (0.002)	U (0.0021)	U (0.0019)	U (0.0024)	U (0.0035)	U (0.0021)	U (0.002)	0.487 J (0.13)	U (0.24)	U (0.0023)	U (0.0022)	U (0.13)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-E03-a	202-E03-a	202-E03-a	202-E03-a	202-E04-b	202-E04-b	202-E04-b	202-E04-c	202-E05-c	202-E05-c	202-E05-c	202-E05-c	202-E06-d	202-E06-d
Cell	Soil Direct Contact	Soil to	202-E03	202-E03	202-E03	202-E03	202-E04	202-E04	202-E04	202-E04	202-E05	202-E05	202-E05	202-E05	202-E06	202-E06
Field Sample ID	Numeric Value	Groundwater	202-E03-C1-VOC	202-E03-C2-VOC	202-E03-C3-VOC	202-E03-CX-VOC	202-E04-C1-VOC	202-E04-C3-VOC	202-E04-CX-VOC	202-E04-C2-VOC	202-E05-C1-VOC	202-E05-C2-VOC	202-E05-C3-VOC	202-E05-CX-VOC	202-E06-C1-VOC	202-E06-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.2 - 1.4	2.4 - 2.6	4.6 - 4.7	7.0 - 7.2	0.6 - 0.8	3.4 - 3.5	4.9 - 5.0	1.8 - 2.0	0.8 - 0.9	1.5 - 1.7	3.0 - 3.2	4.6 - 4.7	0.5 - 0.6	0.8 - 0.9
Sample Date	(mg/kg)	(mg/kg)	3/24/2022	3/24/2022	3/24/2022	3/24/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/23/2022	3/23/2022
VOCs																
Benzene	280	0.5	U (0.0014)	U (0.00061)	U (0.035)	U (0.0006)	U (0.0005)	U (0.00054)	U (0.00054)	U (0.00071)	U (0.00061)	U (0.00062)	U (0.00052)	U (0.00054)	U (0.00053)	U (0.00046)
Cumene	10000	2500	U (0.0029)	U (0.0012)	1.1 (0.07)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.00092)
1,2-Dibromoethane	3.7	0.005	U (0.0014)	U (0.00061)	U (0.035)	U (0.0006)	U (0.0005)	U (0.00054)	U (0.00054)	U (0.00071)	U (0.00061)	U (0.00062)	U (0.00052)	U (0.00054)	U (0.00053)	U (0.00046)
1,2-Dichloroethane	85	0.5	U (0.0029)	U (0.0012)	U (0.07)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.00092)
Ethyl Benzene	880	70	U (0.0029)	0.00018 J (0.0012)	0.48 (0.07)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.00092)
Methyl tert-butyl ether	8500	2	U (0.0058)	U (0.0024)	U (0.14)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0022)	U (0.0028)	U (0.0024)	U (0.0025)	U (0.0021)	U (0.0022)	U (0.0021)	U (0.0018)
Toluene	10000	100	U (0.0029)	U (0.0012)	U (0.07)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.00092)
1,2,4-Trimethylbenzene	4700	300	U (0.0058)	0.00099 J (0.0024)	27 (0.7)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0022)	U (0.0028)	U (0.0024)	U (0.0025)	U (0.0021)	U (0.0022)	U (0.0021)	U (0.0018)
1,3,5-Trimethylbenzene	4700	93	U (0.0058)	0.00042 J (0.0024)	9.4 (0.14)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0022)	U (0.0028)	U (0.0024)	U (0.0025)	U (0.0021)	U (0.0022)	U (0.0021)	U (0.0018)
Xylenes (total)	7900	1000	U (0.0058)	U (0.0024)	6.1 J (0.14)	U (0.0024)	U (0.002)	U (0.0022)	U (0.0022)	U (0.0028)	U (0.0024)	U (0.0025)	U (0.0021)	U (0.0022)	U (0.0021)	U (0.0018)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-E06-d	202-E06-d	202-E07-b	202-E07-b	202-E07-b	202-E07-b	202-E07-b	202-E08-a	202-E08-a	202-E08-b	202-E08-b	202-E08-b	202-E09-c	202-E09-c	202-E09-c
Cell	Soil Direct Contact	Soil to	202-E06	202-E06	202-E07	202-E07	202-E07	202-E07	202-E07	202-E08	202-E08	202-E08	202-E08	202-E08	202-E09	202-E09	202-E09
Field Sample ID	Numeric Value	Groundwater	202-E06-C3-VOC	202-E06-CX-VOC	202-E07-C1-VOC	202-E07-C2-VOC	202-E07-C3-VOC	202-E07-CX-VOC	202-E07-CX-VOC	202-E08-C1-VOC	202-E08-C3-VOC	202-E08-C2-VOC	202-E08-C4-VOC	202-E08-CX-VOC	202-E09-C1-VOC	202-E09-C2-VOC	202-E09-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.0 - 2.1	0.2 - 0.3	0.8 - 0.9	1.4 - 1.5	2.0 - 2.1	0.2 - 0.3	0.9 - 1.1	0.6 - 0.8	1.5 - 1.7	2.1 - 2.3	0.2 - 0.3	0.6 - 0.8	0.9 - 1.1	
Sample Date	(mg/kg)	(mg/kg)	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	
VOCs																	
Benzene	280	0.5	U (0.00058)	U (0.00071)	U (0.0005)	U (0.00049)	U (0.00063)	U (0.00058)	U (0.00067)	0.0013 (0.00049)	U (0.00055)	U (0.00082)	U (0.00049)	U (0.00062)	0.00047 (0.00046)	0.00021 J (0.00043)	
Cumene	10000	2500	U (0.0012)	U (0.0014)	U (0.001)	U (0.00098)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.00097)	U (0.0011)	U (0.0016)	U (0.00098)	U (0.0012)	U (0.00092)	U (0.00087)	
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.00071)	U (0.0005)	U (0.00049)	U (0.00063)	U (0.00058)	U (0.00067)	U (0.00049)	U (0.00055)	U (0.00082)	U (0.00049)	U (0.00062)	U (0.00046)	U (0.00043)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0014)	U (0.001)	U (0.00098)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.00097)	U (0.0011)	U (0.0016)	U (0.00098)	U (0.0012)	U (0.00092)	U (0.00087)	
Ethyl Benzene	880	70	U (0.0012)	U (0.0014)	U (0.001)	U (0.00098)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.00097)	U (0.0011)	U (0.0016)	U (0.00098)	U (0.0012)	U (0.00092)	0.00024 J (0.00087)	
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.0028)	U (0.002)	U (0.002)	U (0.0025)	U (0.0023)	U (0.0027)	U (0.0019)	U (0.0022)	U (0.0033)	U (0.002)	U (0.0025)	U (0.0018)	U (0.0017)	
Toluene	10000	100	U (0.0012)	U (0.0014)	U (0.001)	U (0.00098)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.00097)	U (0.0011)	U (0.0016)	U (0.00098)	U (0.0012)	U (0.00092)	0.00063 J (0.00087)	
1,2,4-Trimethylbenzene	4700	300	U (0.0023)	U (0.0028)	U (0.002)	U (0.002)	U (0.0025)	U (0.0023)	U (0.0027)	U (0.0019)	U (0.0022)	U (0.0033)	U (0.002)	U (0.0025)	U (0.0018)	0.00042 J (0.0017)	
1,3,5-Trimethylbenzene	4700	93	U (0.0023)	U (0.0028)	U (0.002)	U (0.002)	U (0.0025)	U (0.0023)	U (0.0027)	U (0.0019)	U (0.0022)	U (0.0033)	U (0.002)	U (0.0025)	U (0.0018)	U (0.0017)	
Xylenes (total)	7900	1000	U (0.0023)	U (0.0028)	U (0.002)	U (0.002)	U (0.0025)	U (0.0023)	U (0.0027)	U (0.0019)	U (0.0022)	U (0.0033)	U (0.002)	U (0.0025)	U (0.0018)	0.00108 J (0.0017)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-E09-c	202-E09-c	202-E10-c	202-E10-c	202-E10-c	202-E10-c	202-E10-c	202-E10-c	202-E11-c	202-E11-c	202-E11-c	202-E11-c	202-E12-b	202-E12-b	202-E12-b
Cell	Soil Direct Contact	Soil to	202-E09	202-E09	202-E10	202-E10	202-E10	202-E10	202-E10	202-E10	202-E11	202-E11	202-E11	202-E11	202-E12	202-E12	202-E12
Field Sample ID	Numeric Value	Groundwater	202-E09-C4-VOC	202-E09-CX-VOC	202-E10-C1-VOC	202-E10-C2-VOC	202-E10-C3-VOC	202-E10-C4-VOC	202-E10-CX-VOC	202-E11-C1-VOC	202-E11-C2-VOC	202-E11-C3-VOC	202-E11-CX-VOC	202-E12-C1-VOC	202-E12-C2-VOC	202-E12-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	1.8 - 2.0	0.2 - 0.3	0.5 - 0.6	0.9 - 1.1	1.4 - 1.5	1.8 - 2.0	0.3 - 0.5	0.9 - 1.1	1.4 - 1.5	2.0 - 2.1	0.6 - 0.8	1.1 - 1.2	2.1 - 2.3	
Sample Date	(mg/kg)	(mg/kg)	3/10/2022	3/10/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/10/2022	3/10/2022	3/10/2022	
VOCs																	
Benzene	280	0.5	U (0.00052)	0.0021 (0.00066)	U (0.0006)	U (0.00057)	U (0.00056)	U (0.00055)	U (0.00056)	U (0.00065)	U (0.00059)	U (0.00059)	U (0.00095)	U (0.00066)	U (0.00051)	U (0.00052)	
Cumene	10000	2500	U (0.001)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0012)	U (0.0019)	U (0.0013)	U (0.001)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00052)	U (0.00066)	U (0.0006)	U (0.00057)	U (0.00056)	U (0.00055)	U (0.00056)	U (0.00065)	U (0.00059)	U (0.00059)	U (0.00095)	U (0.00066)	U (0.00051)	U (0.00052)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0012)	U (0.0019)	U (0.0013)	U (0.001)	U (0.001)	
Ethyl Benzene	880	70	U (0.001)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0012)	U (0.0019)	U (0.0013)	U (0.001)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0026)	U (0.0024)	U (0.0023)	U (0.0022)	U (0.0022)	U (0.0022)	U (0.0026)	U (0.0024)	U (0.0024)	U (0.0038)	U (0.0026)	U (0.002)	U (0.0021)	
Toluene	10000	100	U (0.001)	0.00094 J (0.0013)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0012)	U (0.0019)	U (0.0013)	U (0.001)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0026)	U (0.0024)	U (0.0023)	U (0.0022)	U (0.0022)	U (0.0022)	U (0.0026)	U (0.0024)	U (0.0024)	U (0.0038)	U (0.0026)	U (0.002)	U (0.0021)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0026)	U (0.0024)	U (0.0023)	U (0.0022)	U (0.0022)	U (0.0022)	U (0.0026)	U (0.0024)	U (0.0024)	U (0.0038)	U (0.0026)	U (0.002)	U (0.0021)	
Xylenes (total)	7900	1000	U (0.0021)	U (0.0026)	U (0.0024)	U (0.0023)	U (0.0022)	U (0.0022)	U (0.0022)	U (0.0026)	U (0.0024)	U (0.0024)	U (0.0038)	U (0.0026)	U (0.002)	U (0.0021)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-E12-b	202-E13-d	202-E13-d	202-E13-d	202-E13-d	202-E13-d	202-E13-d	202-E14-b	202-E14-c	202-E14-c	202-E14-c	202-E15-a	202-E15-a	202-E15-a	202-E15-d
Cell	Soil Direct Contact	Soil to	202-E12	202-E13	202-E13	202-E13	202-E13	202-E13	202-E13	202-E14	202-E14	202-E14	202-E14	202-E15	202-E15	202-E15	202-E15
Field Sample ID	Numeric Value	Groundwater	202-E12-CX-VOC	202-E13-C1-VOC	202-E13-C2-VOC	202-E13-C3-VOC	202-E13-C4-VOC	202-E13-CX-VOC	202-E14-C1-VOC	202-E14-C2-VOC	202-E14-C3-VOC	202-E14-CX-VOC	202-E15-C1-VOC	202-E15-C3-VOC	202-E15-CX-VOC	202-E15-C2-VOC	202-E15
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.0 - 3.2	0.6 - 0.8	1.4 - 1.5	2.1 - 2.3	2.4 - 2.6	3.5 - 3.7	0.6 - 0.8	2.1 - 2.3	3.4 - 3.5	3.8 - 4.0	0.8 - 0.9	2.9 - 3.0	4.0 - 4.1	1.7 - 1.8	202-E15
Sample Date	(mg/kg)	(mg/kg)	3/10/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022
VOCs																	
Benzene	280	0.5	U (0.00049)	U (0.0005)	U (0.00055)	U (0.00047)	U (0.00052)	U (0.00065)	U (0.00067)	U (0.00053)	U (0.0008)	U (0.00065)	U (0.00054)	U (0.0006)	U (0.00045)	U (0.00074)	
Cumene	10000	2500	U (0.00098)	U (0.00099)	U (0.0011)	U (0.00095)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0016)	U (0.0013)	U (0.0011)	U (0.0012)	U (0.00089)	U (0.0015)	
1,2-Dibromoethane	3.7	0.005	U (0.00049)	U (0.0005)	U (0.00055)	U (0.00047)	U (0.00052)	U (0.00065)	U (0.00067)	U (0.00053)	U (0.0008)	U (0.00065)	U (0.00054)	U (0.0006)	U (0.00045)	U (0.00074)	
1,2-Dichloroethane	85	0.5	U (0.00098)	U (0.00099)	U (0.0011)	U (0.00095)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0016)	U (0.0013)	U (0.0011)	U (0.0012)	U (0.00089)	U (0.0015)	
Ethyl Benzene	880	70	U (0.00098)	U (0.00099)	U (0.0011)	U (0.00095)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0016)	U (0.0013)	U (0.0011)	U (0.0012)	U (0.00089)	U (0.0015)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.002)	U (0.0022)	U (0.0019)	U (0.0021)	U (0.0026)	U (0.0027)	U (0.0021)	U (0.0032)	U (0.0026)	U (0.0022)	U (0.0024)	U (0.0018)	U (0.003)	
Toluene	10000	100	U (0.00098)	U (0.00099)	U (0.0011)	U (0.00095)	U (0.001)	U (0.0013)	U (0.0013)	U (0.0011)	U (0.0016)	U (0.0013)	U (0.0011)	U (0.0012)	U (0.00089)	U (0.0015)	
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.002)	U (0.0022)	U (0.0019)	U (0.0021)	U (0.0026)	U (0.0027)	U (0.0021)	U (0.0032)	U (0.0026)	U (0.0022)	U (0.0024)	U (0.0018)	U (0.003)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.002)	U (0.0022)	U (0.0019)	U (0.0021)	U (0.0026)	U (0.0027)	U (0.0021)	U (0.0032)	U (0.0026)	U (0.0022)	U (0.0024)	U (0.0018)	U (0.003)	
Xylenes (total)	7900	1000	U (0.002)	U (0.002)	U (0.0022)	U (0.0019)	U (0.0021)	U (0.0026)	U (0.0027)	U (0.0021)	U (0.0032)	U (0.0026)	U (0.0022)	U (0.0024)	U (0.0018)	U (0.003)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F01-a	202-F01-a	202-F02-b	202-F02-b	202-F02-b	202-F02-b	202-F02-b	202-F03-c	202-F03-c	202-F03-c	202-F03-c	202-F04-a	202-F04-a	202-F04-d	202-F04-d
Cell	Soil Direct Contact	Soil to	202-F01	202-F01	202-F02	202-F02	202-F02	202-F02	202-F02	202-F03	202-F03	202-F03	202-F03	202-F04	202-F04	202-F04	202-F04
Field Sample ID	Numeric Value	Groundwater	202-F01-C1-VOC	202-F01-CX-VOC	202-F02-C1-VOC	202-F02-C2-VOC	202-F02-C3-VOC	202-F02-CX-VOC	202-F02-CX-VOC	202-F03-C1-VOC	202-F03-C2-VOC	202-F03-C3-VOC	202-F03-CX-VOC	202-F04-C1-VOC	202-F04-C2-VOC	202-F04-C3-VOC	202-F04-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	5.8 - 5.9	0.9 - 1.1	1.5 - 1.7	2.9 - 3.0	4.3 - 4.4	0.2 - 0.3	1.5 - 1.7	3.0 - 3.2	4.6 - 4.7	0.5 - 0.6	1.5 - 1.7	3.0 - 3.2	4.3 - 4.4	
Sample Date	(mg/kg)	(mg/kg)	4/12/2022	4/12/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	
VOCs																	
Benzene	280	0.5	U (0.00055)	U (0.034)	U (0.00056)	U (0.00056)	U (0.00056)	U (0.78)	U (0.00061)	U (0.00064)	U (0.0006)	U (0.00066)	0.0006 (0.00059)	0.00035 J (0.00068)	U (0.00046)	U (0.00062)	
Cumene	10000	2500	U (0.0011)	U (0.067)	0.0038 (0.0011)	U (0.0011)	0.015 (0.0011)	14 (1.6)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0013)	0.0007 J (0.0012)	0.0011 J (0.0014)	U (0.00092)	0.00015 J (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00055)	U (0.034)	U (0.00056)	U (0.00056)	U (0.00056)	U (0.78)	U (0.00061)	U (0.00064)	U (0.0006)	U (0.00066)	U (0.00059)	U (0.00068)	U (0.00046)	U (0.00062)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.067)	U (0.0011)	U (0.0011)	U (0.0011)	U (1.6)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0014)	U (0.00092)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0011)	U (0.067)	U (0.0011)	U (0.0011)	0.11 (0.0011)	94 (1.6)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0014)	U (0.00092)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.13)	U (0.0022)	U (0.0022)	U (0.0022)	U (3.1)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0027)	U (0.0018)	U (0.0025)	
Toluene	10000	100	U (0.0011)	U (0.067)	U (0.0011)	U (0.0011)	U (0.0011)	1 J (1.6)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0013)	U (0.0012)	U (0.0014)	U (0.00092)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.13)	0.0025 (0.0022)	U (0.0022)	0.2 (0.0022)	870 (12)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0026)	0.00039 J (0.0024)	U (0.0027)	U (0.0018)	U (0.0025)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.13)	0.00081 J (0.0022)	U (0.0022)	0.14 (0.0022)	210 (3.1)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0027)	U (0.0018)	U (0.0025)	
Xylenes (total)	7900	1000	U (0.0022)	U (0.13)	0.00185 J (0.0022)	U (0.0022)	0.2111 J (0.0022)	213.4 J (3.1)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0026)	U (0.0024)	U (0.0027)	U (0.0018)	U (0.0025)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F05-d	202-F05-d	202-F05-d	202-F05-d	202-F06-a	202-F06-a	202-F06-a	202-F06-a	202-F06-a	202-F06-a	202-F07-c	202-F07-c	202-F07-c	202-F07-c	202-F07-c
Cell	Soil Direct Contact	Soil to	202-F05	202-F05	202-F05	202-F05	202-F06	202-F06	202-F06	202-F06	202-F06	202-F06	202-F07	202-F07	202-F07	202-F07	202-F07
Field Sample ID	Numeric Value	Groundwater	202-F05-C1-VOC	202-F05-C2-VOC	202-F05-C3-VOC	202-F05-CX-VOC	202-F06-C1-VOC	202-F06-C2-VOC	202-F06-C3-VOC	202-F06-C4-VOC	202-F06-CX-VOC	202-F06-CX-VOC	202-F07-C1-VOC	202-F07-C2-VOC	202-F07-C3-VOC	202-F07-C4-VOC	202-F07-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	2.1 - 2.3	3.7 - 3.8	4.3 - 4.4	0.2 - 0.3	1.2 - 1.4	2.4 - 2.6	3.4 - 3.5	4.6 - 4.7	0.8 - 0.9	1.4 - 1.5	2.1 - 2.3	3.0 - 3.2	4.0 - 4.1	
Sample Date	(mg/kg)	(mg/kg)	4/5/2022	4/5/2022	4/5/2022	4/5/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022
VOCs																	
Benzene	280	0.5	U (0.00054)	U (0.00072)	U (0.00054)	U (0.0005)	U (0.00061)	U (0.0007)	U (0.00063)	U (0.00053)	U (0.00058)	0.032 (0.00052)	0.66 (0.16)	0.17 (0.029)	0.11 (0.038)	0.065 (0.032)	
Cumene	10000	2500	U (0.0011)	U (0.0014)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0014)	U (0.0013)	U (0.001)	U (0.0012)	0.052 (0.001)	14 (0.32)	1.5 (0.058)	2.4 (0.076)	1.1 (0.065)	
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.00072)	U (0.00054)	U (0.0005)	U (0.00061)	U (0.0007)	U (0.00063)	U (0.00053)	U (0.00058)	U (0.00052)	U (0.16)	U (0.029)	U (0.038)	U (0.032)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0014)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0014)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.32)	U (0.058)	U (0.076)	U (0.065)	
Ethyl Benzene	880	70	U (0.0011)	U (0.0014)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0014)	U (0.0013)	U (0.001)	U (0.0012)	0.29 (0.001)	51 (0.32)	6.5 (0.058)	8.3 (0.076)	4.9 (0.065)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0029)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0028)	U (0.0025)	U (0.0021)	U (0.0023)	U (0.0021)	U (0.65)	U (0.12)	U (0.15)	U (0.13)	
Toluene	10000	100	U (0.0011)	U (0.0014)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0014)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.32)	U (0.058)	0.055 J (0.076)	U (0.065)	
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0029)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0028)	U (0.0025)	U (0.0021)	U (0.0023)	0.14 (0.0021)	38 (0.65)	4.4 (0.12)	1.7 (0.15)	5.8 (0.13)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0029)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0028)	U (0.0025)	U (0.0021)	U (0.0023)	0.076 (0.0021)	21 (0.65)	2.1 (0.12)	3 (0.15)	0.32 (0.13)	
Xylenes (total)	7900	1000	U (0.0021)	U (0.0029)	U (0.0022)	U (0.002)	U (0.0024)	U (0.0028)	U (0.0025)	U (0.0021)	U (0.0023)	0.6134 J (0.0021)	120.46 J (0.65)	21.088 J (0.12)	3.433 J (0.15)	0.0885 J (0.13)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F08-d	202-F08-d	202-F08-d	202-F08-d	202-F09-d	202-F09-d	202-F09-d	202-F09-d	202-F10-a	202-F10-c	202-F10-c	202-F10-c	202-F10-c	202-F11-c	202-F11-d
Cell	Soil Direct Contact	Soil to	202-F08	202-F08	202-F08	202-F08	202-F09	202-F09	202-F09	202-F09	202-F10	202-F10	202-F10	202-F10	202-F10	202-F11	202-F11
Field Sample ID	Numeric Value	Groundwater	202-F08-C1-VOC	202-F08-C2-VOC	202-F08-C3-VOC	202-F08-CX-VOC	202-F09-C1-VOC	202-F09-C2-VOC	202-F09-CX-VOC	202-F10-C2-VOC	202-F10-C1-VOC	202-F10-C3-VOC	202-F10-C4-VOC	202-F10-CX-VOC	202-F11-C1-VOC	202-F11-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.8 - 0.9	1.1 - 1.2	2.4 - 2.6	3.0 - 3.2	0.6 - 0.8	2.1 - 2.3	4.3 - 4.4	2.1 - 2.3	0.9 - 1.1	3.7 - 3.8	5.2 - 5.3	5.8 - 5.9	0.9 - 1.1	3.0 - 3.2	
Sample Date	(mg/kg)	(mg/kg)	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/28/2022	4/28/2022	4/28/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/8/2022	4/8/2022	
VOCs																	
Benzene	280	0.5	U (0.00056)	U (0.00059)	U (0.00079)	U (0.00063)	U (0.0005)	U (0.0005)	U (0.00051)	U (0.00051)	0.00087 (0.00055)	0.0022 (0.00057)	0.0013 (0.00058)	U (0.00054)	U (0.0012)	U (0.0006)	
Cumene	10000	2500	U (0.0011)	U (0.0012)	U (0.0016)	U (0.0013)	U (0.001)	U (0.00099)	U (0.001)	U (0.001)	0.00034 J (0.0011)	0.00057 J (0.0011)	0.00047 J (0.0012)	U (0.0011)	U (0.0024)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00056)	U (0.00059)	U (0.00079)	U (0.00063)	U (0.0005)	U (0.0005)	U (0.00051)	U (0.00051)	U (0.00055)	U (0.00057)	U (0.00058)	U (0.00054)	U (0.0012)	U (0.0006)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0012)	U (0.0016)	U (0.0013)	U (0.001)	U (0.00099)	U (0.001)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0024)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0011)	U (0.0012)	U (0.0016)	U (0.0013)	U (0.001)	U (0.00099)	U (0.001)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0024)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0023)	U (0.0031)	U (0.0025)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	0.0003 J (0.0022)	0.00028 J (0.0023)	0.0005 J (0.0023)	U (0.0021)	U (0.0048)	U (0.0024)	
Toluene	10000	100	U (0.0011)	U (0.0012)	U (0.0016)	U (0.0013)	U (0.001)	U (0.00099)	U (0.001)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0024)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.0023)	0.0006 J (0.0031)	U (0.0025)	U (0.002)	U (0.002)	U (0.002)	0.00036 J (0.002)	0.00069 J (0.0022)	0.00067 J (0.0023)	0.00097 J (0.0023)	U (0.0021)	U (0.0048)	U (0.0024)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.0023)	U (0.0031)	U (0.0025)	U (0.002)	U (0.002)	U (0.002)	0.00028 J (0.002)	0.00068 J (0.0022)	0.00052 J (0.0023)	0.00079 J (0.0023)	U (0.0021)	0.0005 J (0.0048)	U (0.0024)	
Xylenes (total)	7900	1000	U (0.0022)	U (0.0023)	U (0.0031)	U (0.0025)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0023)	U (0.0021)	U (0.0048)	U (0.0024)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F11-d	202-F11-d	202-F12-d	202-F12-d	202-F12-d	202-F12-d	202-F12-d	202-F13-a	202-F13-a	202-F13-a	202-F13-a	202-F13-a	202-F14-b	202-F14-b	202-F14-b
Cell	Soil Direct Contact	Soil to	202-F11	202-F11	202-F12	202-F12	202-F12	202-F12	202-F12	202-F13	202-F13	202-F13	202-F13	202-F13	202-F14	202-F14	202-F14
Field Sample ID	Numeric Value	Groundwater	202-F11-C3-VOC	202-F11-CX-VOC	202-F12-C1-VOC	202-F12-C2-VOC	202-F12-C3-VOC	202-F12-CX-VOC	202-F12-CX-VOC	202-F13-C1-VOC	202-F13-C2-VOC	202-F13-C3-VOC	202-F13-C4-VOC	202-F13-CX-VOC	202-F14-C1-VOC	202-F14-C2-VOC	202-F14-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.5 - 5.6	6.1 - 6.2	0.6 - 0.8	2.1 - 2.3	3.7 - 3.8	4.3 - 4.4	0.8 - 0.9	1.5 - 1.7	2.7 - 2.9	4.0 - 4.1	5.2 - 5.3	0.6 - 0.8	1.5 - 1.7	2.6 - 2.7	
Sample Date	(mg/kg)	(mg/kg)	4/8/2022	4/8/2022	4/12/2022	4/12/2022	4/12/2022	4/12/2022	4/8/2022	4/8/2022	4/8/2022	4/8/2022	4/8/2022	4/8/2022	4/6/2022	4/6/2022	4/6/2022
VOCs																	
Benzene	280	0.5	U (0.035)	U (0.00057)	U (0.00056)	U (0.00058)	U (0.00063)	U (0.00053)	U (0.04)	U (0.027)	0.00031 J (0.00061)	0.062 (0.04)	0.0011 (0.00088)	U (0.00078)	U (0.076)	U (0.00079)	
Cumene	10000	2500	U (0.071)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0011)	0.16 (0.08)	0.031 J (0.054)	0.019 (0.0012)	0.069 J (0.079)	0.073 (0.0018)	0.00025 J (0.0016)	U (0.15)	U (0.0016)	
1,2-Dibromoethane	3.7	0.005	U (0.035)	U (0.00057)	U (0.00056)	U (0.00058)	U (0.00063)	U (0.00053)	U (0.04)	U (0.027)	U (0.00061)	U (0.04)	U (0.00088)	U (0.00078)	U (0.076)	U (0.00079)	
1,2-Dichloroethane	85	0.5	U (0.071)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0011)	U (0.08)	U (0.054)	U (0.0012)	U (0.079)	U (0.0018)	U (0.0016)	U (0.15)	U (0.0016)	
Ethyl Benzene	880	70	U (0.071)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0011)	0.042 J (0.08)	0.021 J (0.054)	0.0098 (0.0012)	0.079 (0.079)	0.00053 J (0.0018)	U (0.0016)	U (0.15)	U (0.0016)	
Methyl tert-butyl ether	8500	2	U (0.14)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0025)	U (0.0021)	U (0.16)	U (0.11)	U (0.0024)	U (0.16)	U (0.0035)	U (0.0031)	U (0.3)	U (0.0032)	
Toluene	10000	100	U (0.071)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0013)	U (0.0011)	0.044 J (0.08)	0.043 J (0.054)	U (0.0012)	0.17 (0.079)	U (0.0018)	U (0.0016)	0.35 (0.15)	U (0.0016)	
1,2,4-Trimethylbenzene	4700	300	U (0.14)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0025)	U (0.0021)	0.22 (0.16)	0.082 J (0.11)	0.072 (0.0024)	0.43 (0.16)	0.0022 J (0.0035)	0.03 (0.0031)	0.47 (0.3)	U (0.0032)	
1,3,5-Trimethylbenzene	4700	93	U (0.14)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0025)	U (0.0021)	0.086 J (0.16)	0.024 J (0.11)	0.069 (0.0024)	0.27 (0.16)	0.0022 J (0.0035)	0.024 (0.0031)	0.38 (0.3)	U (0.0032)	
Xylenes (total)	7900	1000	U (0.14)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0025)	U (0.0021)	0.106 J (0.16)	0.082 J (0.11)	0.0136 J (0.0024)	0.35 J (0.16)	U (0.0035)	U (0.0031)	U (0.3)	U (0.0032)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F14-b	202-F15-c	202-F15-c	202-F15-c	202-F15-c	202-F15-c	202-F15-c	202-F16-a	202-F16-a	202-F16-b	202-F16-b	202-F16-b	202-F17-a	202-F17-a	202-F17-a
Cell	Soil Direct Contact	Soil to	202-F14	202-F15	202-F15	202-F15	202-F15	202-F15	202-F15	202-F16	202-F16	202-F16	202-F16	202-F16	202-F17	202-F17	202-F17
Field Sample ID	Numeric Value	Groundwater	202-F14-CX-VOC	202-F15-C1-VOC	202-F15-C2-VOC	202-F15-C3-VOC	202-F15-C4-VOC	202-F15-CX-VOC	202-F16-C1-VOC	202-F16-C2-VOC	202-F16-C3-VOC	202-F16-C4-VOC	202-F16-CX-VOC	202-F17-C1-VOC	202-F17-C2-VOC	202-F17-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.0 - 3.2	0.3 - 0.5	0.6 - 0.8	1.2 - 1.4	1.7 - 1.8	2.1 - 2.3	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.2 - 1.4	1.8 - 2.0	0.2 - 0.3	0.8 - 0.9	1.4 - 1.5	
Sample Date	(mg/kg)	(mg/kg)	4/6/2022	3/18/2022	3/18/2022	3/18/2022	3/18/2022	3/18/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	
VOCs																	
Benzene	280	0.5	U (0.00048)	U (0.00052)	U (0.0006)	U (0.0008)	U (0.00054)	U (0.00057)	U (0.0006)	U (0.00063)	U (0.00061)	U (0.00049)	U (0.00058)	U (0.00052)	U (0.00062)	U (0.00056)	
Cumene	10000	2500	0.00013 J (0.00096)	U (0.001)	0.00037 J (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00052)	U (0.0006)	U (0.0008)	U (0.00054)	U (0.00057)	U (0.0006)	U (0.00063)	U (0.00061)	U (0.00049)	U (0.00058)	U (0.00052)	U (0.00062)	U (0.00056)	
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0011)
Ethyl Benzene	880	70	U (0.00096)	U (0.001)	0.00019 J (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0021)	U (0.0024)	U (0.0032)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0025)	U (0.0024)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0025)	U (0.0022)	
Toluene	10000	100	U (0.00096)	U (0.001)	U (0.0012)	U (0.0016)	0.00073 J (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.0012)	U (0.00097)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0021)	0.0086 (0.0024)	U (0.0032)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0025)	U (0.0024)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0025)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	0.00019 J (0.0019)	U (0.0021)	0.0045 (0.0024)	U (0.0032)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0025)	U (0.0024)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0025)	U (0.0022)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.0021)	0.0019 J (0.0024)	U (0.0032)	U (0.0021)	U (0.0023)	U (0.0024)	U (0.0025)	U (0.0024)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.0025)	U (0.0022)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-F17-a	202-G01-d	202-G01-d	202-G01-d	202-G01-d	202-G01-d	202-G02-b	202-G02-c	202-G02-c	202-G02-c	202-G02-c	202-G03-a	202-G03-c	202-G03-c	202-G03-c
Cell	Soil Direct Contact	Soil to	202-F17	202-G01	202-G01	202-G01	202-G01	202-G01	202-G02	202-G02	202-G02	202-G02	202-G02	202-G03	202-G03	202-G03	202-G03
Field Sample ID	Numeric Value	Groundwater	202-F17-CX-VOC	202-G01-C1-VOC	202-G01-C2-VOC	202-G01-C3-VOC	202-G01-CX-VOC	202-G02-C1-VOC	202-G02-C2-VOC	202-G02-C3-VOC	202-G02-C4-VOC	202-G02-CX-VOC	202-G03-C1-VOC	202-G03-C2-VOC	202-G03-C3-VOC	202-G03-CX-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.5 - 0.6	1.1 - 1.2	1.5 - 1.7	2.1 - 2.3	0.2 - 0.3	0.6 - 0.8	1.1 - 1.2	1.5 - 1.7	2.0 - 2.1	0.2 - 0.3	1.8 - 2.0	2.4 - 2.6	3.2 - 3.4	
Sample Date	(mg/kg)	(mg/kg)	3/16/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	
VOCs																	
Benzene	280	0.5	U (0.00056)	U (0.00053)	U (0.00074)	U (0.00048)	U (0.00064)	U (0.00049)	U (0.00057)	U (0.00053)	U (0.00072)	U (0.00064)	U (0.00083)	U (0.00066)	U (0.00065)	U (0.00064)	
Cumene	10000	2500	U (0.0011)	U (0.001)	U (0.0015)	U (0.00097)	U (0.0013)	U (0.00098)	U (0.0011)	U (0.001)	U (0.0014)	U (0.0013)	U (0.0016)	U (0.0013)	U (0.0013)	U (0.0013)	
1,2-Dibromoethane	3.7	0.005	U (0.00056)	U (0.00053)	U (0.00074)	U (0.00048)	U (0.00064)	U (0.00049)	U (0.00057)	U (0.00053)	U (0.00072)	U (0.00064)	U (0.00083)	U (0.00066)	U (0.00065)	U (0.00064)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.001)	U (0.0015)	U (0.00097)	U (0.0013)	U (0.00098)	U (0.0011)	U (0.001)	U (0.0014)	U (0.0013)	U (0.0016)	U (0.0013)	U (0.0013)	U (0.0013)	
Ethyl Benzene	880	70	U (0.0011)	U (0.001)	U (0.0015)	U (0.00097)	U (0.0013)	U (0.00098)	U (0.0011)	U (0.001)	U (0.0014)	U (0.0013)	U (0.0016)	U (0.0013)	U (0.0013)	U (0.0013)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0021)	U (0.003)	U (0.0019)	U (0.0026)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0029)	U (0.0025)	U (0.0033)	U (0.0026)	U (0.0026)	U (0.0026)	
Toluene	10000	100	U (0.0011)	U (0.001)	U (0.0015)	U (0.00097)	U (0.0013)	U (0.00098)	U (0.0011)	U (0.001)	U (0.0014)	U (0.0013)	U (0.0016)	U (0.0013)	U (0.0013)	U (0.0013)	
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.0021)	U (0.003)	U (0.0019)	U (0.0026)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0029)	U (0.0025)	U (0.0033)	U (0.0026)	U (0.0026)	U (0.0026)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.0021)	U (0.003)	U (0.0019)	U (0.0026)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0029)	U (0.0025)	U (0.0033)	U (0.0026)	U (0.0026)	U (0.0026)	
Xylenes (total)	7900	1000	U (0.0022)	U (0.0021)	U (0.003)	U (0.0019)	U (0.0026)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0029)	U (0.0025)	U (0.0033)	U (0.0026)	U (0.0026)	U (0.0026)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-G04-d	202-G04-d	202-G04-d	202-G04-d	202-G04-d	202-G04-d	202-G05-a	202-G05-a	202-G05-a	202-G05-a	202-G05-a	202-G06-a	202-G06-a	202-G06-a	202-G06-a
Cell	Soil Direct Contact	Soil to	202-G04	202-G04	202-G04	202-G04	202-G04	202-G04	202-G05	202-G05	202-G05	202-G05	202-G05	202-G06	202-G06	202-G06	202-G06
Field Sample ID	Numeric Value	Groundwater	202-G04-C1-VOC	202-G04-C2-VOC	202-G04-C3-VOC	202-G04-C4-VOC	202-G04-CX-VOC	202-G05-C1-VOC	202-G05-C2-VOC	202-G05-C3-VOC	202-G05-C4-VOC	202-G05-CX-VOC	202-G06-C1-VOC	202-G06-C2-VOC	202-G06-C3-VOC	202-G06-CX-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	1.2 - 1.4	1.5 - 1.7	2.4 - 2.6	3.0 - 3.2	0.3 - 0.5	0.8 - 0.9	1.8 - 2.0	2.4 - 2.6	3.0 - 3.2	0.2 - 0.3	0.6 - 0.8	1.2 - 1.4	1.7 - 1.8	
Sample Date	(mg/kg)	(mg/kg)	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/21/2022	3/21/2022	3/21/2022	
VOCs																	
Benzene	280	0.5	U (0.00066)	U (0.00046)	U (0.00066)	U (0.001)	U (0.0008)	U (0.00061)	U (0.00056)	U (0.00057)	U (0.00058)	U (0.00037)	U (0.00055)	U (0.00055)	U (0.00058)	U (0.00058)	
Cumene	10000	2500	U (0.0013)	U (0.00092)	U (0.0013)	U (0.002)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.00074)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00066)	U (0.00046)	U (0.00066)	U (0.001)	U (0.0008)	U (0.00061)	U (0.00056)	U (0.00057)	U (0.00058)	U (0.00037)	U (0.00055)	U (0.00055)	U (0.00058)	U (0.00058)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.00092)	U (0.0013)	U (0.002)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.00074)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0013)	U (0.00092)	U (0.0013)	U (0.002)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.00074)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0027)	U (0.0018)	U (0.0026)	U (0.0041)	U (0.0032)	U (0.0024)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0015)	U (0.0022)	U (0.0023)	U (0.0023)	
Toluene	10000	100	U (0.0013)	U (0.00092)	U (0.0013)	U (0.002)	U (0.0016)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.00074)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0027)	U (0.0018)	U (0.0026)	U (0.0041)	U (0.0032)	U (0.0024)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0015)	U (0.0022)	0.00066 J (0.0023)	U (0.0023)	
1,3,5-Trimethylbenzene	4700	93	U (0.0027)	U (0.0018)	U (0.0026)	U (0.0041)	U (0.0032)	U (0.0024)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0015)	U (0.0022)	U (0.0022)	U (0.0023)	
Xylenes (total)	7900	1000	U (0.0027)	U (0.0018)	U (0.0026)	U (0.0041)	U (0.0032)	U (0.0024)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0023)	U (0.0015)	U (0.0022)	U (0.0022)	U (0.0023)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-G07-c	202-G07-c	202-G07-c	202-G07-c	202-G08-c	202-G08-c	202-G08-c	202-G08-c	202-G08-c	202-G09-a	202-G09-a	202-G09-a	202-G09-a	202-G10-b	202-G10-d
Cell	Soil Direct Contact	Soil to	202-G07	202-G07	202-G07	202-G07	202-G08	202-G08	202-G08	202-G08	202-G08	202-G09	202-G09	202-G09	202-G09	202-G10	202-G10
Field Sample ID	Numeric Value	Groundwater	202-G07-C1-VOC	202-G07-C2-VOC	202-G07-C3-VOC	202-G07-CX-VOC	202-G08-C1-VOC	202-G08-C2-VOC	202-G08-C3-VOC	202-G08-CX-VOC	202-G08-CX-VOC	202-G09-C1-VOC	202-G09-C2-VOC	202-G09-C3-VOC	202-G09-CX-VOC	202-G10-C1-VOC	202-G10-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	0.9 - 1.1	1.5 - 1.7	1.8 - 2.0	0.8 - 0.9	1.8 - 2.0	2.7 - 2.9	3.4 - 3.5	0.2 - 0.3	0.8 - 0.9	1.4 - 1.5	2.1 - 2.3	0.8 - 0.9	4.6 - 4.7	
Sample Date	(mg/kg)	(mg/kg)	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	3/15/2022	3/15/2022
VOCs																	
Benzene	280	0.5	U (0.0006)	0.00021 J (0.00047)	U (0.00052)	U (0.00055)	U (0.00057)	U (0.00067)	U (0.00052)	U (0.00059)	U (0.0005)	U (0.00062)	U (0.00079)	U (0.00056)	U (0.00053)	U (0.00057)	
Cumene	10000	2500	0.00017 J (0.0012)	U (0.00095)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.0006)	U (0.00047)	U (0.00052)	U (0.00055)	U (0.00057)	U (0.00067)	U (0.00052)	U (0.00059)	U (0.0005)	U (0.00062)	U (0.00079)	U (0.00056)	U (0.00053)	U (0.00057)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.00095)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0011)	
Ethyl Benzene	880	70	0.00026 J (0.0012)	U (0.00095)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.0024)	U (0.0019)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.002)	U (0.0025)	U (0.0032)	U (0.0022)	U (0.0021)	U (0.0023)	
Toluene	10000	100	U (0.0012)	U (0.00095)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0011)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	0.0057 (0.0024)	U (0.0019)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.002)	U (0.0025)	U (0.0032)	U (0.0022)	U (0.0021)	U (0.0023)	
1,3,5-Trimethylbenzene	4700	93	0.0017 J (0.0024)	U (0.0019)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.002)	U (0.0025)	U (0.0032)	U (0.0022)	U (0.0021)	U (0.0023)	
Xylenes (total)	7900	1000	0.0019 J (0.0024)	U (0.0019)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.002)	U (0.0025)	U (0.0032)	U (0.0022)	U (0.0021)	U (0.0023)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-G10-d	202-H01-b	202-H01-c	202-H01-c	202-H01-c	202-H01-c	202-H01-c	202-H02-c	202-H02-c	202-H02-c	202-H02-c	202-H02-c	202-H02-c	202-H03-a	202-H03-a	202-H03-a
Cell	Soil Direct Contact	Soil to	202-G10	202-H01	202-H01	202-H01	202-H01	202-H01	202-H01	202-H02	202-H02	202-H02	202-H02	202-H02	202-H02	202-H03	202-H03	202-H03
Field Sample ID	Numeric Value	Groundwater	202-G10-CX-VOC	202-H01-C4-VOC	202-H01-C1-VOC	202-H01-C2-VOC	202-H01-C3-VOC	202-H01-CX-VOC	202-H02-C1-VOC	202-H02-C2-VOC	202-H02-C3-VOC	202-H02-C4-VOC	202-H02-CX-VOC	202-H03-C1-VOC	202-H03-C2-VOC	202-H03-C3-VOC		
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.5 - 5.6	4.9 - 5.0	0.8 - 0.9	1.8 - 2.0	2.1 - 2.3	4.3 - 4.4	0.2 - 0.3	1.2 - 1.4	3.0 - 3.2	3.7 - 3.8	4.6 - 4.7	0.5 - 0.6	2.4 - 2.6	4.7 - 4.9		
Sample Date	(mg/kg)	(mg/kg)	3/15/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/13/2022	4/13/2022	4/13/2022		
VOCs																		
Benzene	280	0.5	U (0.00062)	U (0.034)	0.001 (0.00087)	U (0.077)	U (0.03)	0.0046 (0.00055)	0.12 (0.043)	U (0.033)	0.17 (0.08)	0.27 (0.035)	U (0.056)	0.0015 (0.00065)	0.0022 (0.0005)	0.02 (0.00056)		
Cumene	10000	2500	U (0.0012)	0.32 (0.069)	0.019 (0.0017)	0.8 (0.15)	2.9 (0.06)	0.012 (0.0011)	3.6 (0.087)	4.1 (0.066)	5.5 (0.16)	0.18 (0.07)	1.2 (0.11)	0.00064 J (0.0013)	0.00016 J (0.001)	0.0019 (0.0011)		
1,2-Dibromoethane	3.7	0.005	U (0.00062)	U (0.034)	U (0.00087)	U (0.077)	U (0.03)	U (0.00055)	U (0.043)	U (0.033)	U (0.08)	U (0.035)	U (0.056)	U (0.00065)	U (0.0005)	U (0.00056)		
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.069)	U (0.0017)	U (0.15)	U (0.06)	U (0.0011)	U (0.087)	U (0.066)	U (0.16)	U (0.07)	U (0.11)	U (0.0013)	U (0.001)	U (0.0011)		
Ethyl Benzene	880	70	U (0.0012)	0.047 J (0.069)	0.019 (0.0017)	0.33 (0.15)	0.48 (0.06)	0.00023 J (0.0011)	0.15 (0.087)	0.022 J (0.066)	0.75 (0.16)	1.9 (0.07)	3.3 (0.11)	U (0.0013)	U (0.001)	0.0026 (0.0011)		
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.14)	U (0.0035)	U (0.31)	U (0.12)	U (0.0022)	U (0.17)	U (0.13)	U (0.32)	U (0.14)	U (0.22)	U (0.0026)	U (0.002)	U (0.0022)		
Toluene	10000	100	U (0.0012)	0.06 J (0.069)	0.0035 (0.0017)	0.24 (0.15)	0.064 (0.06)	U (0.0011)	0.89 (0.087)	0.1 (0.066)	0.15 J (0.16)	0.43 (0.07)	0.18 (0.11)	U (0.0013)	U (0.001)	U (0.0011)		
1,2,4-Trimethylbenzene	4700	300	U (0.0025)	3.3 (0.14)	0.19 (0.0035)	8.2 (0.31)	38 (2.4)	0.0081 (0.0022)	0.26 (0.17)	0.36 (0.13)	67 (1.3)	5.9 (0.14)	38 (1.1)	0.014 (0.0026)	0.0053 (0.002)	0.015 (0.0022)		
1,3,5-Trimethylbenzene	4700	93	U (0.0025)	1.5 (0.14)	0.05 (0.0035)	2.6 (0.31)	13 (0.12)	0.0028 (0.0022)	0.093 J (0.17)	U (0.13)	0.15 J (0.32)	1.8 (0.14)	13 (0.22)	0.006 (0.0026)	0.0014 J (0.002)	0.0066 (0.0022)		
Xylenes (total)	7900	1000	U (0.0025)	0.1645 J (0.14)	0.055 J (0.0035)	1.96 J (0.31)	1.71 J (0.12)	0.00165 J (0.0022)	1.11 J (0.17)	0.096 J (0.13)	0.2 J (0.32)	9.2 J (0.14)	10.38 J (0.22)	0.013 J (0.0026)	0.0026 J (0.002)	0.0082 J (0.0022)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-H03-a	202-H04-a	202-H04-a	202-H04-a	202-H04-a	202-H04-a	202-H05-b	202-H05-b	202-H05-b	202-H05-b	202-H05-b	202-H06-a	202-H06-a	202-H06-a	202-H06-a
Cell	Soil Direct Contact	Soil to	202-H03	202-H04	202-H04	202-H04	202-H04	202-H04	202-H05	202-H05	202-H05	202-H05	202-H05	202-H06	202-H06	202-H06	202-H06
Field Sample ID	Numeric Value	Groundwater	202-H03-CX-VOC	202-H04-C1-VOC	202-H04-C2-VOC	202-H04-C3-VOC	202-H04-CX-VOC	202-H05-C1-VOC	202-H05-C2-VOC	202-H05-C3-VOC	202-H05-C4-VOC	202-H05-CX-VOC	202-H06-C1-VOC	202-H06-C2-VOC	202-H06-C3-VOC	202-H06-CX-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.2 - 5.3	0.0 - 0.2	1.7 - 1.8	3.4 - 3.5	5.0 - 5.2	0.3 - 0.5	0.9 - 1.1	1.8 - 2.0	2.4 - 2.6	3.0 - 3.2	0.5 - 0.6	1.4 - 1.5	3.2 - 3.4	4.0 - 4.1	
Sample Date	(mg/kg)	(mg/kg)	4/13/2022	4/13/2022	4/13/2022	4/13/2022	4/13/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	
VOCs																	
Benzene	280	0.5	0.011 (0.00064)	0.0015 (0.00086)	0.00041 J (0.00052)	0.0034 (0.0011)	0.0027 (0.00051)	U (0.00058)	U (0.0006)	U (0.00053)	U (0.00064)	U (0.00057)	U (0.00046)	U (0.00052)	U (0.00054)	U (0.0005)	
Cumene	10000	2500	0.0002 J (0.0013)	0.0043 (0.0017)	0.0062 (0.001)	0.53 (0.0022)	0.024 (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0013)	U (0.0011)	0.00072 J (0.00093)	0.00012 J (0.001)	U (0.0011)	0.00092 J (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00064)	U (0.00086)	U (0.00052)	U (0.0011)	U (0.00051)	U (0.00058)	U (0.0006)	U (0.00053)	U (0.00064)	U (0.00057)	U (0.00046)	U (0.00052)	U (0.00054)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0017)	U (0.001)	U (0.0022)	U (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00093)	U (0.001)	U (0.0011)	U (0.001)	
Ethyl Benzene	880	70	U (0.0013)	0.0011 J (0.0017)	0.00022 J (0.001)	0.15 (0.0022)	0.0058 (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0013)	U (0.0011)	0.0024 (0.00093)	0.00051 J (0.001)	0.00066 J (0.0011)	0.0042 (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0035)	U (0.0021)	U (0.0043)	U (0.002)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.0026)	U (0.0023)	U (0.0019)	U (0.0021)	U (0.0021)	U (0.002)	
Toluene	10000	100	U (0.0013)	0.0025 (0.0017)	U (0.001)	0.013 (0.0022)	U (0.001)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0013)	U (0.0011)	U (0.00093)	U (0.001)	U (0.0011)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	0.0034 J (0.0035)	0.0022 (0.0021)	0.24 (0.0043)	0.0038 (0.002)	U (0.0023)	0.00059 J (0.0024)	0.0004 J (0.0021)	U (0.0026)	U (0.0023)	0.0014 J (0.0019)	0.00036 J (0.0021)	U (0.0021)	0.0034 (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	0.0018 J (0.0035)	0.00094 J (0.0021)	0.11 (0.0043)	0.0046 (0.002)	U (0.0023)	0.0013 J (0.0024)	0.0012 J (0.0021)	0.0012 J (0.0026)	U (0.0023)	0.00051 J (0.0019)	U (0.0021)	U (0.0021)	0.0015 J (0.002)	
Xylenes (total)	7900	1000	U (0.0026)	0.0071 J (0.0035)	0.00258 J (0.0021)	0.174 J (0.0043)	0.0026 J (0.002)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.0026)	U (0.0023)	0.00543 J (0.0019)	0.0016 J (0.0021)	0.00195 J (0.0021)	0.00963 J (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-H07-d	202-H07-d	202-H07-d	202-H07-d	202-H08-b	202-H08-b	202-H08-b	202-H08-b	202-H08-b	202-H08-b	202-H09-a	202-H09-a	202-H09-a	202-H09-a	202-H09-a
Cell	Soil Direct Contact	Soil to	202-H07	202-H07	202-H07	202-H07	202-H08	202-H08	202-H08	202-H08	202-H08	202-H08	202-H09	202-H09	202-H09	202-H09	202-H09
Field Sample ID	Numeric Value	Groundwater	202-H07-C1-VOC	202-H07-C2-VOC	202-H07-C3-VOC	202-H07-CX-VOC	202-H08-C1-VOC	202-H08-C2-VOC	202-H08-C3-VOC	202-H08-C4-VOC	202-H08-CX-VOC	202-H09-C1-VOC	202-H09-C2-VOC	202-H09-C3-VOC	202-H09-C4-VOC	202-H09-CX-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	1.2 - 1.4	2.4 - 2.6	3.0 - 3.2	0.3 - 0.5	0.9 - 1.1	1.5 - 1.7	2.1 - 2.3	2.7 - 2.9	0.5 - 0.6	0.8 - 0.9	1.5 - 1.7	2.3 - 2.4	3.0 - 3.2	
Sample Date	(mg/kg)	(mg/kg)	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	
VOCs																	
Benzene	280	0.5	U (0.00058)	0.00031 J (0.00058)	0.00083 (0.00053)	0.002 (0.00064)	U (0.00028)	U (0.00048)	0.023 (0.00041)	0.035 (0.00053)	0.02 (0.00051)	U (0.032)	U (0.076)	U (0.089)	U (0.039)	U (0.083)	
Cumene	10000	2500	0.00035 J (0.0012)	U (0.0012)	U (0.0011)	0.00016 J (0.0013)	U (0.00057)	U (0.00095)	0.00044 J (0.00083)	0.00086 J (0.0011)	0.00045 J (0.001)	0.44 (0.064)	1.5 (0.15)	2.1 (0.18)	0.14 (0.077)	2.4 (0.16)	
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.00058)	U (0.00053)	U (0.00064)	U (0.00028)	U (0.00048)	U (0.00041)	U (0.00053)	U (0.00051)	U (0.032)	U (0.076)	U (0.089)	U (0.039)	U (0.083)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.00057)	U (0.00095)	U (0.00083)	U (0.0011)	U (0.001)	U (0.064)	U (0.15)	U (0.18)	U (0.077)	U (0.16)	
Ethyl Benzene	880	70	0.0002 J (0.0012)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.00057)	U (0.00095)	0.00013 J (0.00083)	0.00019 J (0.0011)	U (0.001)	2 (0.064)	5.7 (0.15)	41 (0.18)	1.5 (0.077)	6.8 (0.16)	
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.0023)	U (0.0021)	U (0.0026)	U (0.0011)	U (0.0019)	0.0026 (0.0016)	0.0058 (0.0021)	0.0054 (0.002)	U (0.13)	U (0.3)	U (0.36)	U (0.15)	U (0.33)	
Toluene	10000	100	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.00057)	U (0.00095)	0.00058 J (0.00083)	U (0.0011)	U (0.001)	0.071 (0.064)	0.12 J (0.15)	2.4 (0.18)	0.053 J (0.077)	U (0.16)	
1,2,4-Trimethylbenzene	4700	300	0.0015 J (0.0023)	U (0.0023)	U (0.0021)	U (0.0026)	U (0.0011)	U (0.0019)	U (0.0016)	0.00036 J (0.0021)	U (0.002)	22 (0.26)	81 (0.61)	84 (0.71)	5.4 (0.15)	63 (0.66)	
1,3,5-Trimethylbenzene	4700	93	0.00051 J (0.0023)	U (0.0023)	U (0.0021)	U (0.0026)	U (0.0011)	U (0.0019)	U (0.0016)	0.00032 J (0.0021)	U (0.002)	7 (0.13)	24 (0.3)	24 (0.36)	1.5 (0.15)	20 (0.33)	
Xylenes (total)	7900	1000	0.00127 J (0.0023)	U (0.0023)	U (0.0021)	U (0.0026)	U (0.0011)	U (0.0019)	0.00164 J (0.0016)	0.00318 J (0.0021)	0.0018 J (0.002)	6.73 J (0.13)	27.3 J (0.3)	253 J (0.71)	8.2 J (0.15)	27.8 J (0.33)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-H10-d	202-H10-d	202-H10-d	202-H10-d	202-H11-b	202-H11-b	202-H11-b	202-H11-b	202-H11-b	202-H11-b	202-I01-b	202-I01-b	202-I01-b	202-I01-b	202-I01-b	202-I02-b
Cell	Soil Direct Contact	Soil to	202-H10	202-H10	202-H10	202-H10	202-H11	202-H11	202-H11	202-H11	202-H11	202-H11	202-I01	202-I01	202-I01	202-I01	202-I01	202-I02
Field Sample ID	Numeric Value	Groundwater	202-H10-C1-VOC	202-H10-C2-VOC	202-H10-C3-VOC	202-H10-CX-VOC	202-H11-C1-VOC	202-H11-C2-VOC	202-H11-C3-VOC	202-H11-C4-VOC	202-H11-CX-VOC	202-I01-C1-VOC	202-I01-C2-VOC	202-I01-C3-VOC	202-I01-CX-VOC	202-I02-C1-VOC		
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.8 - 2.0	3.0 - 3.2	4.0 - 4.1	1.1 - 1.2	1.8 - 2.0	3.0 - 3.2	4.6 - 4.7	6.1 - 6.2	0.3 - 0.5	1.8 - 2.0	2.7 - 2.9	3.4 - 3.5	0.8 - 0.9		
Sample Date	(mg/kg)	(mg/kg)	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	3/18/2022	3/18/2022	3/18/2022	3/18/2022	4/25/2022		
VOCs																		
Benzene	280	0.5	0.25 (0.031)	0.067 (0.031)	0.57 (0.055)	0.031 (0.00067)	U (0.0006)	0.00016 J (0.00046)	U (0.00048)	U (0.15)	U (0.034)	U (0.00057)	U (0.00049)	U (0.00053)	U (0.00048)	U (0.00049)		
Cumene	10000	2500	2.2 (0.062)	0.41 (0.063)	4.2 (0.11)	0.072 (0.044)	U (0.0012)	0.00011 J (0.00092)	0.00049 J (0.00095)	0.16 J (0.3)	0.027 J (0.068)	U (0.0011)	U (0.00098)	U (0.0011)	U (0.00097)	U (0.00098)		
1,2-Dibromoethane	3.7	0.005	U (0.031)	U (0.031)	U (0.055)	U (0.00067)	U (0.0006)	U (0.00046)	U (0.00048)	U (0.15)	U (0.034)	U (0.00057)	U (0.00049)	U (0.00053)	U (0.00048)	U (0.00049)		
1,2-Dichloroethane	85	0.5	U (0.062)	U (0.063)	U (0.11)	U (0.0013)	U (0.0012)	U (0.00092)	U (0.00095)	U (0.3)	U (0.068)	U (0.0011)	U (0.00098)	U (0.0011)	U (0.00097)	U (0.00098)		
Ethyl Benzene	880	70	5.1 (0.062)	0.87 (0.063)	5.4 (0.11)	0.1 (0.044)	0.00034 J (0.0012)	U (0.00092)	U (0.00095)	U (0.3)	U (0.068)	U (0.0011)	U (0.00098)	U (0.0011)	U (0.00097)	U (0.00098)		
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.12)	U (0.22)	0.00045 J (0.0027)	U (0.0024)	0.0004 J (0.0018)	U (0.0019)	U (0.59)	U (0.14)	U (0.0023)	U (0.002)	U (0.0021)	U (0.0019)	U (0.002)		
Toluene	10000	100	0.21 (0.062)	0.045 J (0.063)	0.18 (0.11)	U (0.0013)	U (0.0012)	U (0.00092)	U (0.00095)	U (0.3)	U (0.068)	U (0.0011)	U (0.00098)	U (0.0011)	U (0.00097)	U (0.00098)		
1,2,4-Trimethylbenzene	4700	300	23 (1.2)	4.5 (0.12)	57 (1.8)	0.98 (0.088)	0.00084 J (0.0024)	U (0.0018)	U (0.0019)	0.19 J (0.59)	U (0.14)	U (0.0023)	U (0.002)	U (0.0021)	U (0.0019)	U (0.002)		
1,3,5-Trimethylbenzene	4700	93	8.8 (0.12)	1.6 (0.12)	16 (0.22)	0.29 (0.088)	0.00033 J (0.0024)	U (0.0018)	0.00036 J (0.0019)	0.33 J (0.59)	0.031 J (0.14)	U (0.0023)	U (0.002)	U (0.0021)	U (0.0019)	U (0.002)		
Xylenes (total)	7900	1000	8.1 J (0.12)	2.629 J (0.12)	36.5 J (0.22)	0.552 J (0.088)	0.00138 J (0.0024)	U (0.0018)	U (0.0019)	U (0.59)	U (0.14)	U (0.0023)	U (0.002)	U (0.0021)	U (0.0019)	U (0.002)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-I02-b	202-I02-b	202-I02-c	202-I02-c	202-I03-c	202-I03-c	202-I03-c	202-I03-c	202-I04-a	202-I04-c	202-I04-c	202-I04-c	202-I05-d	202-I05-d	202-I05-d
Cell	Soil Direct Contact	Soil to	202-I02	202-I02	202-I02	202-I02	202-I03	202-I03	202-I03	202-I03	202-I04	202-I04	202-I04	202-I04	202-I05	202-I05	202-I05
Field Sample ID	Numeric Value	Groundwater	202-I02-C2-VOC	202-I02-C4-VOC	202-I02-C3-VOC	202-I02-CX-VOC	202-I03-C1-VOC	202-I03-C2-VOC	202-I03-CX-VOC	202-I04-C1-VOC	202-I04-C2-VOC	202-I04-C3-VOC	202-I04-CX-VOC	202-I05-C1-VOC	202-I05-C2-VOC	202-I05-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.0 - 2.1	3.4 - 3.5	2.0 - 2.1	4.0 - 4.1	0.6 - 0.8	0.9 - 1.1	2.0 - 2.1	0.3 - 0.5	0.9 - 1.1	2.4 - 2.6	3.0 - 3.2	0.3 - 0.5	0.8 - 0.9	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	4/25/2022	4/25/2022	4/25/2022	4/25/2022	3/17/2022	3/17/2022	3/17/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	3/21/2022	3/21/2022	3/21/2022	
VOCs																	
Benzene	280	0.5	U (0.00041)	U (0.00053)	U (0.00056)	0.0012 (0.0006)	U (0.00058)	U (0.0005)	U (0.00049)	U (0.00069)	0.00035 J (0.00064)	U (0.00046)	0.0072 (0.00052)	U (0.00056)	U (0.00057)	U (0.00074)	
Cumene	10000	2500	U (0.00082)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.001)	U (0.00099)	U (0.0014)	U (0.0013)	U (0.00093)	0.00026 J (0.001)	U (0.0011)	U (0.0011)	U (0.0015)	
1,2-Dibromoethane	3.7	0.005	U (0.00041)	U (0.00053)	U (0.00056)	U (0.0006)	U (0.00058)	U (0.0005)	U (0.00049)	U (0.00069)	U (0.00064)	U (0.00046)	U (0.00052)	U (0.00056)	U (0.00057)	U (0.00074)	
1,2-Dichloroethane	85	0.5	U (0.00082)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.001)	U (0.00099)	U (0.0014)	U (0.0013)	U (0.00093)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0015)	
Ethyl Benzene	880	70	0.00012 J (0.00082)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.001)	U (0.00099)	U (0.0014)	U (0.0013)	U (0.00093)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0015)	
Methyl tert-butyl ether	8500	2	U (0.0016)	U (0.0021)	0.01 (0.0022)	0.01 (0.0024)	U (0.0023)	U (0.002)	U (0.002)	U (0.0028)	0.0017 J (0.0026)	0.00019 J (0.0018)	0.001 J (0.0021)	U (0.0022)	U (0.0023)	U (0.003)	
Toluene	10000	100	U (0.00082)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.001)	U (0.00099)	U (0.0014)	U (0.0013)	U (0.00093)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0015)	
1,2,4-Trimethylbenzene	4700	300	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0024)	U (0.0023)	U (0.002)	U (0.002)	U (0.0028)	U (0.0026)	U (0.0018)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.003)	
1,3,5-Trimethylbenzene	4700	93	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0024)	U (0.0023)	U (0.002)	U (0.002)	U (0.0028)	U (0.0026)	U (0.0018)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.003)	
Xylenes (total)	7900	1000	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0024)	U (0.0023)	U (0.002)	U (0.002)	U (0.0028)	U (0.0026)	U (0.0018)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.003)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-105-d	202-106-b	202-106-b	202-106-b	202-106-b	202-106-b	202-106-c	202-107-b	202-107-b	202-107-b	202-107-b	202-108-b	202-108-b	202-108-b	202-101-c
Cell	Soil Direct Contact	Soil to	202-105	202-106	202-106	202-106	202-106	202-106	202-106	202-107	202-107	202-107	202-107	202-108	202-108	202-108	202-101
Field Sample ID	Numeric Value	Groundwater	202-105-CX-VOC	202-106-C2-VOC	202-106-C3-VOC	202-106-C4-VOC	202-106-CX-VOC	202-106-C1-VOC	202-107-C1-VOC	202-107-C2-VOC	202-107-C3-VOC	202-107-CX-VOC	202-108-C1-VOC	202-108-C2-VOC	202-108-CX-VOC	202-101-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.8 - 2.0	2.3 - 2.4	3.4 - 3.5	4.6 - 4.7	5.2 - 5.3	1.1 - 1.2	0.3 - 0.5	1.1 - 1.2	2.4 - 2.6	3.2 - 3.4	1.2 - 1.4	2.1 - 2.3	4.3 - 4.4	0.6 - 0.8	
Sample Date	(mg/kg)	(mg/kg)	3/21/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	4/25/2022	4/25/2022	4/25/2022	4/25/2022	3/21/2022	3/21/2022	3/21/2022	4/26/2022	
VOCs																	
Benzene	280	0.5	U (0.0006)	U (0.0006)	U (0.00059)	U (0.00055)	U (0.00055)	U (0.0006)	U (0.0005)	0.00032 J (0.00053)	U (0.00057)	U (0.00051)	U (0.00059)	U (0.00058)	U (0.00049)	0.12 (0.026)	
Cumene	10000	2500	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	U (0.00098)	6 (0.053)	
1,2-Dibromoethane	3.7	0.005	U (0.0006)	U (0.0006)	U (0.00059)	U (0.00055)	U (0.00055)	U (0.0006)	U (0.0005)	U (0.00053)	U (0.00057)	U (0.00051)	U (0.00059)	U (0.00058)	U (0.00049)	U (0.026)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)	U (0.00098)	U (0.053)	
Ethyl Benzene	880	70	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	0.0014 (0.0011)	0.0016 (0.001)	U (0.0012)	U (0.0012)	U (0.00098)	21 (5.3)	
Methyl tert-butyl ether	8500	2	U (0.0024)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0022)	U (0.0024)	U (0.002)	0.012 (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0023)	U (0.002)	U (0.11)	
Toluene	10000	100	U (0.0012)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	0.00069 J (0.0011)	0.00082 J (0.001)	U (0.0012)	U (0.0012)	U (0.00098)	2.6 (0.053)	
1,2,4-Trimethylbenzene	4700	300	U (0.0024)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0022)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0023)	U (0.002)	38 (11)	
1,3,5-Trimethylbenzene	4700	93	U (0.0024)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0022)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0023)	U (0.002)	12 (0.11)	
Xylenes (total)	7900	1000	U (0.0024)	U (0.0024)	U (0.0024)	U (0.0022)	U (0.0022)	U (0.0024)	U (0.002)	U (0.0021)	0.0067 J (0.0023)	0.0087 J (0.002)	U (0.0024)	U (0.0023)	U (0.002)	67 J (11)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-J01-c	202-J01-c	202-J01-c	202-J01-c	202-J01-c	202-J02-c	202-J02-d	202-J02-d	202-J02-d	202-J02-d	202-J03-c	202-J03-c	202-J03-c	202-J04-a	202-J04-a
Cell	Soil Direct Contact	Soil to	202-J01	202-J01	202-J01	202-J01	202-J01	202-J02	202-J02	202-J02	202-J02	202-J02	202-J03	202-J03	202-J03	202-J04	202-J04
Field Sample ID	Numeric Value	Groundwater	202-J01-C2-VOC	202-J01-C3-VOC	202-J01-C4-VOC	202-J01-CX-VOC	202-J02-C1-VOC	202-J02-C2-VOC	202-J02-C3-VOC	202-J02-C4-VOC	202-J02-CX-VOC	202-J03-C1-VOC	202-J03-C2-VOC	202-J03-CX-VOC	202-J04-C1-VOC	202-J04-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.9 - 3.0	4.3 - 4.4	4.9 - 5.0	0.2 - 0.3	2.1 - 2.3	3.0 - 3.2	4.9 - 5.0	5.5 - 5.6	1.4 - 1.5	2.7 - 2.9	3.4 - 3.5	0.5 - 0.6	0.9 - 1.1	
Sample Date	(mg/kg)	(mg/kg)	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/26/2022	4/26/2022	
VOCs																	
Benzene	280	0.5	0.023 J (0.033)	U (0.00054)	0.096 (0.074)	0.12 J (0.13)	U (0.00048)	U (0.00058)	0.00058 (0.00052)	2.8 (0.029)	11 (0.059)	1.2 (0.039)	36 (0.65)	17 (0.17)	U (0.03)	0.085 J (0.16)	
Cumene	10000	2500	4.4 (0.067)	0.00022 J (0.0011)	2.1 (0.15)	3.8 (0.27)	0.00036 J (0.00096)	U (0.0012)	U (0.001)	0.051 J (0.059)	1.4 (0.12)	0.28 (0.079)	32 (1.3)	8.8 (0.33)	0.3 (0.06)	8 (0.31)	
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.00054)	U (0.074)	U (0.13)	U (0.00048)	U (0.00058)	U (0.00052)	U (0.029)	U (0.059)	U (0.039)	U (0.65)	U (0.17)	U (0.03)	U (0.16)	
1,2-Dichloroethane	85	0.5	U (0.067)	U (0.0011)	U (0.15)	U (0.27)	U (0.00096)	U (0.0012)	U (0.001)	U (0.059)	U (0.12)	U (0.079)	U (1.3)	U (0.33)	U (0.06)	U (0.31)	
Ethyl Benzene	880	70	8.5 (0.067)	U (0.0011)	4.6 (0.15)	7 (0.27)	U (0.00096)	U (0.0012)	U (0.001)	1.6 (0.059)	27 (0.12)	2.2 (0.079)	180 (1.3)	80 (0.33)	0.38 (0.06)	5.1 (0.31)	
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.0022)	U (0.3)	U (0.53)	U (0.0019)	U (0.0023)	U (0.0021)	U (0.12)	U (0.24)	U (0.16)	U (2.6)	U (0.66)	U (0.12)	U (0.63)	
Toluene	10000	100	0.48 (0.067)	U (0.0011)	1.1 (0.15)	0.64 (0.27)	U (0.00096)	U (0.0012)	U (0.001)	2.5 (0.059)	44 (0.59)	0.18 (0.079)	80 (1.3)	92 (0.33)	U (0.06)	0.36 (0.31)	
1,2,4-Trimethylbenzene	4700	300	20 (0.13)	0.0012 J (0.0022)	36 (0.3)	53 (0.53)	0.0069 (0.0019)	U (0.0023)	0.00038 J (0.0021)	3 (0.12)	51 (1.2)	1.5 (0.16)	270 (2.6)	190 (1.3)	0.72 (0.12)	2.9 (0.63)	
1,3,5-Trimethylbenzene	4700	93	8.6 (0.13)	0.00064 J (0.0022)	13 (0.3)	23 (0.53)	0.009 (0.0019)	0.00024 J (0.0023)	0.0003 J (0.0021)	1 (0.12)	20 (0.24)	0.74 (0.16)	100 (2.6)	61 (0.66)	0.38 (0.12)	2.2 (0.63)	
Xylenes (total)	7900	1000	23.7 J (0.13)	U (0.0022)	30.3 J (0.3)	37.6 J (0.53)	U (0.0019)	U (0.0023)	U (0.0021)	8.7 J (0.12)	130 J (1.2)	7.8 J (0.16)	1060 J (130)	470 J (1.3)	0.84 J (0.12)	4.26 J (0.63)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-J04-a	202-J04-a	202-J04-a	202-J05-d	202-J05-d	202-J05-d	202-J06-b	202-J06-c	202-J06-c	202-J06-d	202-J07-c	202-J07-c	202-J07-c	202-J07-c
Cell	Soil Direct Contact	Soil to	202-J04	202-J04	202-J04	202-J05	202-J05	202-J05	202-J06	202-J06	202-J06	202-J06	202-J07	202-J07	202-J07	202-J07
Field Sample ID	Numeric Value	Groundwater	202-J04-C3-VOC	202-J04-C4-VOC	202-J04-CX-VOC	202-J05-C1-VOC	202-J05-C2-VOC	202-J05-CX-VOC	202-J06-C1-VOC	202-J06-C3-VOC	202-J06-CX-VOC	202-J06-C2-VOC	202-J07-C1-VOC	202-J07-C2-VOC	202-J07-C3-VOC	202-J07-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	2.7 - 2.9	3.4 - 3.5	0.6 - 0.8	1.4 - 1.5	2.0 - 2.1	1.1 - 1.2	3.4 - 3.5	4.9 - 5.0	1.2 - 1.4	0.2 - 0.3	0.8 - 0.9	1.5 - 1.7	2.1 - 2.3
Sample Date	(mg/kg)	(mg/kg)	4/26/2022	4/26/2022	4/26/2022	4/25/2022	4/25/2022	4/25/2022	4/20/2022	4/20/2022	4/20/2022	4/20/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022
VOCs																
Benzene	280	0.5	0.0039 (0.00054)	0.042 (0.032)	U (0.00061)	U (0.00056)	U (0.0006)	U (0.0005)	U (0.00051)	U (0.00059)	U (0.00052)	U (0.00054)	0.0089 (0.00046)	0.39 (0.027)	0.0042 (0.00056)	1.6 (0.03)
Cumene	10000	2500	0.16 (0.0011)	3.4 (0.064)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.00099)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	0.00011 J (0.00092)	0.062 (0.055)	0.00049 J (0.0011)	1.3 (0.061)
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.032)	U (0.00061)	U (0.00056)	U (0.0006)	U (0.0005)	U (0.00051)	U (0.00059)	U (0.00052)	U (0.00054)	U (0.00046)	U (0.027)	U (0.00056)	U (0.03)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.064)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.00099)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	U (0.00092)	U (0.055)	U (0.0011)	U (0.061)
Ethyl Benzene	880	70	0.11 (0.0011)	1.8 (0.064)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.00099)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	0.0015 (0.00092)	0.49 (0.055)	0.0042 (0.0011)	6 (0.061)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.13)	U (0.0024)	U (0.0022)	U (0.002)	U (0.002)	U (0.002)	U (0.0024)	U (0.0021)	U (0.0022)	U (0.0018)	U (0.11)	U (0.0022)	U (0.12)
Toluene	10000	100	0.011 (0.0011)	0.18 (0.064)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.00099)	U (0.001)	U (0.0012)	U (0.001)	U (0.0011)	U (0.00092)	0.06 (0.055)	U (0.0011)	0.18 (0.061)
1,2,4-Trimethylbenzene	4700	300	0.012 (0.0022)	0.49 (0.13)	U (0.0024)	U (0.0022)	U (0.0024)	U (0.002)	U (0.002)	U (0.0024)	U (0.0021)	U (0.0022)	U (0.0018)	0.034 J (0.11)	0.0063 (0.0022)	2.5 (0.12)
1,3,5-Trimethylbenzene	4700	93	0.017 (0.0022)	0.57 (0.13)	U (0.0024)	U (0.0022)	U (0.0024)	U (0.002)	U (0.002)	U (0.0024)	U (0.0021)	U (0.0022)	U (0.0018)	0.043 J (0.11)	0.0026 (0.0022)	2.2 (0.12)
Xylenes (total)	7900	1000	0.0953 J (0.0022)	1.35 J (0.13)	U (0.0024)	U (0.0022)	U (0.0024)	U (0.002)	U (0.002)	U (0.0024)	U (0.0021)	U (0.0022)	0.00278 J (0.0018)	1.03 J (0.11)	0.0145 J (0.0022)	10.3 J (0.12)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-J08-a	202-J08-a	202-J08-a	202-J08-a	202-J09-c	202-J09-c	202-J09-c	202-J09-c	202-J09-c	202-J09-c	301-A01-d	301-AA01-c	301-AA01-c	301-AA01-c	301-AA01-c
Cell	Soil Direct Contact	Soil to	202-J08	202-J08	202-J08	202-J08	202-J09	202-J09	202-J09	202-J09	202-J09	202-J09	301-A01	301-AA01	301-AA01	301-AA01	301-AA01
Field Sample ID	Numeric Value	Groundwater	202-J08-C1-VOC	202-J08-C2-VOC	202-J08-C3-VOC	202-J08-CX-VOC	202-J09-C1-VOC	202-J09-C2-VOC	202-J09-C3-VOC	202-J09-C4-VOC	202-J09-CX-VOC	301-A01-C1-VOC	301-AA01-C1-VOC	301-AA01-C2-VOC	301-AA01-C3-VOC	301-AA01-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.8 - 0.9	2.4 - 2.6	4.0 - 4.1	5.8 - 5.9	0.5 - 0.6	0.9 - 1.1	1.5 - 1.7	2.1 - 2.3	2.7 - 2.9	1.5 - 1.7	0.3 - 0.5	0.9 - 1.1	1.5 - 1.7	2.0 - 2.1	
Sample Date	(mg/kg)	(mg/kg)	4/25/2022	4/25/2022	4/25/2022	4/25/2022	4/20/2022	4/20/2022	4/20/2022	4/20/2022	4/20/2022	5/17/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	
VOCs																	
Benzene	280	0.5	U (0.001)	0.0024 (0.00054)	0.00068 (0.0005)	0.0064 (0.00047)	U (0.00067)	0.0091 (0.00092)	0.0004 J (0.0005)	U (0.00055)	U (0.00065)	0.0068 (0.00053)	U (0.00073)	U (0.00053)	U (0.023)	U (0.00046)	
Cumene	10000	2500	0.027 (0.002)	0.0071 (0.0011)	0.00058 J (0.00099)	0.00023 J (0.00093)	U (0.0013)	0.014 (0.0018)	U (0.001)	U (0.0011)	U (0.0013)	0.0025 (0.0011)	U (0.0015)	U (0.001)	0.037 J (0.046)	0.028 (0.00093)	
1,2-Dibromoethane	3.7	0.005	U (0.001)	U (0.00054)	U (0.0005)	U (0.00047)	U (0.00067)	U (0.00092)	U (0.0005)	U (0.00055)	U (0.00065)	U (0.00053)	U (0.00073)	U (0.00053)	U (0.023)	U (0.00046)	
1,2-Dichloroethane	85	0.5	U (0.002)	U (0.0011)	U (0.00099)	U (0.00093)	U (0.0013)	U (0.0018)	U (0.001)	U (0.0011)	U (0.0013)	U (0.0011)	U (0.0015)	U (0.001)	U (0.046)	U (0.00093)	
Ethyl Benzene	880	70	U (0.002)	U (0.0011)	U (0.00099)	0.00087 J (0.00093)	U (0.0013)	0.0042 (0.0018)	U (0.001)	U (0.0011)	U (0.0013)	0.003 (0.0011)	U (0.0015)	U (0.001)	0.028 J (0.046)	0.018 (0.00093)	
Methyl tert-butyl ether	8500	2	U (0.004)	U (0.0022)	U (0.002)	U (0.0019)	U (0.0027)	U (0.0037)	U (0.002)	U (0.0022)	U (0.0026)	U (0.0021)	U (0.0029)	U (0.0021)	U (0.093)	U (0.0019)	
Toluene	10000	100	U (0.002)	U (0.0011)	U (0.00099)	U (0.00093)	U (0.0013)	0.0034 (0.0018)	U (0.001)	U (0.0011)	U (0.0013)	0.0046 (0.0011)	U (0.0015)	U (0.001)	U (0.046)	U (0.00093)	
1,2,4-Trimethylbenzene	4700	300	0.0031 J (0.004)	U (0.0022)	U (0.002)	0.00057 J (0.0019)	0.0007 J (0.0027)	0.0074 (0.0037)	U (0.002)	U (0.0022)	U (0.0026)	0.028 (0.0021)	U (0.0029)	U (0.0021)	0.8 (0.093)	0.18 (0.0019)	
1,3,5-Trimethylbenzene	4700	93	U (0.004)	U (0.0022)	U (0.002)	U (0.0019)	0.00031 J (0.0027)	0.0028 J (0.0037)	U (0.002)	U (0.0022)	U (0.0026)	0.01 (0.0021)	U (0.0029)	U (0.0021)	0.12 (0.093)	0.038 (0.0019)	
Xylenes (total)	7900	1000	U (0.004)	U (0.0022)	U (0.002)	0.00127 J (0.0019)	U (0.0027)	0.0093 J (0.0037)	U (0.002)	U (0.0022)	U (0.0026)	0.024 J (0.0021)	U (0.0029)	U (0.0021)	0.07 J (0.093)	0.0195 J (0.0019)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AA06-b	301-AA06-b	301-AA06-b	301-AA07-b	301-AA07-c	301-AA07-c	301-AA08-c	301-AA08-c	301-AA08-d	301-AA09-a	301-AA09-a	301-AA09-a	301-AA09-b	301-AA09-c
Cell	Soil Direct Contact	Soil to	301-AA06	301-AA06	301-AA06	301-AA07	301-AA07	301-AA07	301-AA08	301-AA08	301-AA08	301-AA09	301-AA09	301-AA09	301-AA09	301-AA09
Field Sample ID	Numeric Value	Groundwater	301-AA06-C1-VOC	301-AA06-C2-VOC	301-AA06-C3-VOC	301-AA07-C1-VOC	301-AA07-C2-VOC	301-AA07-C3-VOC	301-AA08-C2-VOC	301-AA08-C3-VOC	301-AA08-C1-VOC	301-AA09-C3-VOC	301-AA09-C4-VOC	301-AA09-C5-VOC	301-AA09-C2-VOC	301-AA09-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	0.9 - 1.1	1.5 - 1.7	0.3 - 0.5	2.0 - 2.1	2.4 - 2.6	2.7 - 2.9	4.0 - 4.1	1.2 - 1.4	1.4 - 1.5	2.1 - 2.3	2.7 - 2.9	0.6 - 0.8	0.2 - 0.3
Sample Date	(mg/kg)	(mg/kg)	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/25/2022	5/25/2022	5/25/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022
VOCs																
Benzene	280	0.5	U (0.00049)	U (0.00054)	U (0.028)	U (0.062)	U (0.058)	U (0.031)	0.073 (0.034)	U (0.00062)	0.00018 J (0.00044)	0.00054 J (0.0011)	U (0.00091)	U (0.00084)	U (0.00076)	U (0.0011)
Cumene	10000	2500	U (0.00097)	U (0.0011)	0.19 (0.057)	0.83 (0.12)	0.24 (0.12)	U (0.062)	4.2 (0.068)	U (0.0012)	U (0.00087)	U (0.0022)	0.0014 J (0.0018)	0.00047 J (0.0017)	0.0092 (0.0015)	0.00029 J (0.0022)
1,2-Dibromoethane	3.7	0.005	U (0.00049)	U (0.00054)	U (0.028)	U (0.062)	U (0.058)	U (0.031)	U (0.034)	U (0.00062)	U (0.00044)	U (0.0011)	U (0.00091)	U (0.00084)	U (0.00076)	U (0.0011)
1,2-Dichloroethane	85	0.5	U (0.00097)	U (0.0011)	U (0.057)	U (0.12)	U (0.12)	U (0.062)	U (0.068)	U (0.0012)	U (0.00087)	U (0.0022)	U (0.0018)	U (0.0017)	U (0.0015)	U (0.0022)
Ethyl Benzene	880	70	U (0.00097)	U (0.0011)	0.019 J (0.057)	U (0.12)	U (0.12)	U (0.062)	1.4 (0.068)	U (0.0012)	U (0.00087)	U (0.0022)	0.0015 J (0.0018)	U (0.0017)	U (0.0015)	U (0.0022)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0022)	U (0.11)	U (0.25)	U (0.23)	U (0.12)	0.032 J (0.14)	U (0.0025)	U (0.0017)	U (0.0044)	U (0.0036)	U (0.0034)	U (0.003)	U (0.0044)
Toluene	10000	100	U (0.00097)	U (0.0011)	U (0.057)	U (0.12)	U (0.12)	U (0.062)	U (0.068)	U (0.0012)	U (0.00087)	U (0.0022)	U (0.0018)	U (0.0017)	U (0.0015)	U (0.0022)
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0022)	0.05 J (0.11)	U (0.25)	U (0.23)	U (0.12)	26 (1.4)	U (0.0025)	U (0.0017)	U (0.0044)	0.011 (0.0036)	U (0.0034)	U (0.003)	U (0.0044)
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0022)	0.016 J (0.11)	U (0.25)	U (0.23)	U (0.12)	9 (0.14)	U (0.0025)	U (0.0017)	U (0.0044)	0.0039 (0.0036)	U (0.0034)	U (0.003)	U (0.0044)
Xylenes (total)	7900	1000	U (0.0019)	U (0.0022)	0.076 J (0.11)	U (0.25)	U (0.23)	U (0.12)	3.77 J (0.14)	U (0.0025)	U (0.0017)	0.00287 J (0.0044)	0.0197 J (0.0036)	U (0.0034)	U (0.003)	U (0.0044)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AB02-b	301-AB02-b	301-AB02-b	301-AB02-b	301-AB03-c	301-AB03-c	301-AB03-c	301-AB03-c	301-AB03-c	301-AB03-c	301-AB04-a	301-AB04-a	301-AB04-d	301-AB04-d	301-AB06-d
Cell	Soil Direct Contact	Soil to	301-AB02	301-AB02	301-AB02	301-AB02	301-AB03	301-AB03	301-AB03	301-AB03	301-AB03	301-AB03	301-AB04	301-AB04	301-AB04	301-AB04	301-AB06
Field Sample ID	Numeric Value	Groundwater	301-AB02-C1-VOC	301-AB02-C2-VOC	301-AB02-C3-VOC	301-AB02-C4-VOC	301-AB03-C1-VOC	301-AB03-C2-VOC	301-AB03-C3-VOC	301-AB03-C4-VOC	301-AB03-C5-VOC	301-AB04-C3-VOC	301-AB04-C4-VOC	301-AB04-C1-VOC	301-AB04-C2-VOC	301-AB06-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	0.8 - 0.9	1.4 - 1.5	2.1 - 2.3	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.4 - 1.5	1.7 - 1.8	2.9 - 3.0	4.6 - 4.7	0.6 - 0.8	0.9 - 1.1	0.8 - 0.9	
Sample Date	(mg/kg)	(mg/kg)	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/14/2022	6/14/2022	6/14/2022	6/2/2022	
VOCs																	
Benzene	280	0.5	U (0.00055)	U (0.00046)	0.00028 J (0.00055)	U (0.00055)	0.00036 J (0.00065)	0.0011 (0.00061)	0.00068 (0.0006)	0.01 (0.00066)	0.0018 (0.00066)	0.0028 (0.0006)	U (0.00053)	U (0.00073)	U (0.00059)	U (0.00085)	
Cumene	10000	2500	0.00018 J (0.0011)	0.032 (0.00093)	0.088 (0.0011)	0.015 (0.0011)	U (0.0013)	0.00022 J (0.0012)	0.00022 J (0.0012)	0.0027 (0.0013)	0.027 (0.0013)	U (0.0012)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0017)	
1,2-Dibromoethane	3.7	0.005	U (0.00055)	U (0.00046)	U (0.00055)	U (0.00055)	U (0.00065)	U (0.00061)	U (0.0006)	U (0.00066)	U (0.00066)	U (0.0006)	U (0.00053)	U (0.00073)	U (0.00059)	U (0.00085)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0012)	U (0.0013)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0017)	
Ethyl Benzene	880	70	U (0.0011)	0.00046 J (0.00093)	0.00099 J (0.0011)	U (0.0011)	U (0.0013)	0.00028 J (0.0012)	U (0.0012)	0.0057 (0.0013)	0.00029 J (0.0013)	U (0.0012)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0017)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0018)	U (0.0022)	U (0.0022)	U (0.0026)	U (0.0024)	U (0.0024)	U (0.0026)	U (0.0026)	U (0.0024)	U (0.0021)	U (0.0029)	U (0.0024)	U (0.0034)	
Toluene	10000	100	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0011)	U (0.0013)	0.00066 J (0.0012)	U (0.0012)	0.002 (0.0013)	U (0.0013)	U (0.0012)	U (0.0011)	U (0.0014)	U (0.0012)	U (0.0017)	
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	0.0023 (0.0018)	0.0037 (0.0022)	0.0006 J (0.0022)	U (0.0026)	0.0008 J (0.0024)	U (0.0024)	0.003 (0.0026)	0.0026 (0.0026)	U (0.0024)	U (0.0021)	U (0.0029)	U (0.0024)	U (0.0034)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	0.0004 J (0.0018)	0.00052 J (0.0022)	U (0.0022)	U (0.0026)	0.00042 J (0.0024)	U (0.0024)	0.0016 J (0.0026)	0.00051 J (0.0026)	U (0.0024)	U (0.0021)	U (0.0029)	U (0.0024)	U (0.0034)	
Xylenes (total)	7900	1000	U (0.0022)	0.00137 J (0.0018)	0.00244 J (0.0022)	U (0.0022)	U (0.0026)	0.0013 J (0.0024)	U (0.0024)	0.0076 J (0.0026)	0.0036 J (0.0026)	U (0.0024)	U (0.0021)	U (0.0029)	U (0.0024)	U (0.0034)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AB06-d	301-AB06-d	301-AB06-d	301-AB06-d	301-AB07-b	301-AB07-c	301-AB07-d	301-AB08-a	301-AB08-b	301-AB08-b	301-AB08-b	301-AB09-b	301-AC04-a	301-AC04-a
Cell	Soil Direct Contact	Soil to	301-AB06	301-AB06	301-AB06	301-AB06	301-AB07	301-AB07	301-AB07	301-AB08	301-AB08	301-AB08	301-AB08	301-AB09	301-AC04	301-AC04
Field Sample ID	Numeric Value	Groundwater	301-AB06-C2-VOC	301-AB06-C3-VOC	301-AB06-C4-VOC	301-AB06-C5-VOC	301-AB07-C1-VOC	301-AB07-C3-VOC	301-AB07-C2-VOC	301-AB08-C3-VOC	301-AB08-C1-VOC	301-AB08-C2-VOC	301-AB08-C4-VOC	301-AB09-C1-VOC	301-AC04-C1-VOC	301-AC04-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	1.8 - 2.0	2.7 - 2.9	3.7 - 3.8	1.4 - 1.5	4.1 - 4.3	2.3 - 2.4	3.0 - 3.2	0.2 - 0.3	0.6 - 0.8	1.4 - 1.5	1.4 - 1.5	0.2 - 0.3	0.4 - 0.5
Sample Date	(mg/kg)	(mg/kg)	6/2/2022	6/2/2022	6/2/2022	6/2/2022	5/26/2022	5/26/2022	5/26/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	6/1/2022	6/13/2022	6/13/2022
VOCs																
Benzene	280	0.5	U (0.00058)	U (0.0005)	U (0.00054)	U (0.00061)	U (0.00055)	U (0.00047)	U (0.024)	U (0.00044)	U (0.00041)	0.0011 (0.00049)	0.00019 J (0.00049)	U (0.00053)	U (0.00094)	U (0.00062)
Cumene	10000	2500	0.00036 J (0.0012)	0.00022 J (0.00099)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.00094)	0.058 (0.048)	U (0.00087)	U (0.00083)	0.0012 (0.00098)	0.002 (0.00097)	U (0.001)	U (0.0019)	0.00013 J (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.0005)	U (0.00054)	U (0.00061)	U (0.00055)	U (0.00047)	U (0.024)	U (0.00044)	U (0.00041)	U (0.00049)	U (0.00049)	U (0.00053)	U (0.00094)	U (0.00062)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.00099)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.00094)	U (0.048)	U (0.00087)	U (0.00083)	U (0.00098)	U (0.00097)	U (0.001)	U (0.0019)	U (0.0012)
Ethyl Benzene	880	70	U (0.0012)	U (0.00099)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.00094)	U (0.048)	U (0.00087)	U (0.00083)	0.00061 J (0.00098)	0.00045 J (0.00097)	U (0.001)	U (0.0019)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0022)	U (0.0019)	U (0.096)	U (0.0017)	U (0.0016)	U (0.002)	U (0.0019)	U (0.0021)	U (0.0038)	U (0.0025)
Toluene	10000	100	U (0.0012)	U (0.00099)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.00094)	U (0.048)	U (0.00087)	U (0.00083)	U (0.00098)	U (0.00097)	U (0.001)	U (0.0019)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	U (0.0023)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0022)	U (0.0019)	U (0.096)	U (0.0017)	U (0.0016)	0.0018 J (0.002)	0.005 (0.0019)	U (0.0021)	U (0.0038)	U (0.0025)
1,3,5-Trimethylbenzene	4700	93	U (0.0023)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0022)	U (0.0019)	U (0.096)	U (0.0017)	U (0.0016)	0.00053 J (0.002)	0.0012 J (0.0019)	U (0.0021)	U (0.0038)	U (0.0025)
Xylenes (total)	7900	1000	U (0.0023)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0022)	U (0.0019)	U (0.096)	U (0.0017)	U (0.0016)	0.00261 J (0.002)	0.0047 J (0.0019)	U (0.0021)	U (0.0038)	U (0.0025)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AC04-a 301-AC04	301-AC04-a 301-AC04	301-AC04-a 301-AC04	301-AC05-c 301-AC05	301-AC05-c 301-AC05	301-AC05-c 301-AC05	301-AC05-c 301-AC05	301-AC05-c 301-AC05	301-AC05-c 301-AC05	301-AC06-b 301-AC06	301-AC06-b 301-AC06	301-AC06-c 301-AC06	301-AC06-d 301-AC06	301-AC06-d 301-AC06	301-AC06-d 301-AC06	301-AC07-d 301-AC07
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	301-AC04-C3-VOC	301-AC04-C4-VOC	301-AC04-C5-VOC	301-AC05-C1-VOC	301-AC05-C2-VOC	301-AC05-C3-VOC	301-AC05-C4-VOC	301-AC05-C5-VOC	301-AC06-C1-VOC	301-AC06-C5-VOC	301-AC06-C2-VOC	301-AC06-C3-VOC	301-AC06-C4-VOC	301-AC06-C4-VOC	301-AC07-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)		0.8 - 0.9	1.2 - 1.4	1.7 - 1.8	0.3 - 0.5	0.8 - 0.9	1.1 - 1.2	1.7 - 1.8	2.1 - 2.3	0.5 - 0.6	3.2 - 3.4	0.9 - 1.1	1.7 - 1.8	2.7 - 2.9	2.7 - 2.9	0.0 - 0.2	
Sample Date	(mg/kg)	(mg/kg)	6/13/2022	6/13/2022	6/13/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	6/1/2022	
VOCs																		
Benzene	280	0.5	U (0.0005)	0.062 J (0.13)	U (0.052)	U (0.00084)	U (0.00059)	U (0.00041)	U (0.00061)	U (0.00041)	U (0.00049)	0.00018 J (0.0005)	U (0.00044)	U (0.00048)	U (0.00046)	0.0019 (0.00056)		
Cumene	10000	2500	0.00016 J (0.001)	4.5 (0.25)	2.8 (0.1)	U (0.0017)	0.00024 J (0.0012)	U (0.00082)	U (0.0012)	U (0.00083)	U (0.00098)	U (0.00099)	U (0.00089)	U (0.00097)	U (0.00092)	U (0.0011)		
1,2-Dibromoethane	3.7	0.005	U (0.0005)	U (0.13)	U (0.052)	U (0.00084)	U (0.00059)	U (0.00041)	U (0.00061)	U (0.00041)	U (0.00049)	U (0.0005)	U (0.00044)	U (0.00048)	U (0.00046)	U (0.00056)		
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.25)	U (0.1)	U (0.0017)	U (0.0012)	U (0.00082)	U (0.0012)	U (0.00083)	U (0.00098)	U (0.00099)	U (0.00089)	U (0.00097)	U (0.00092)	U (0.0011)		
Ethyl Benzene	880	70	U (0.001)	0.059 J (0.25)	U (0.1)	0.00035 J (0.0017)	0.00061 J (0.0012)	U (0.00082)	U (0.0012)	U (0.00083)	U (0.00098)	U (0.00099)	U (0.00089)	U (0.00097)	U (0.00092)	U (0.0011)		
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.51)	U (0.21)	U (0.0033)	U (0.0024)	U (0.0016)	U (0.0024)	U (0.0016)	U (0.002)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0022)		
Toluene	10000	100	U (0.001)	U (0.25)	U (0.1)	U (0.0017)	U (0.0012)	U (0.00082)	U (0.0012)	U (0.00083)	U (0.00098)	U (0.00099)	U (0.00089)	U (0.00097)	U (0.00092)	U (0.0011)		
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.51)	U (0.21)	0.0007 J (0.0033)	0.0012 J (0.0024)	U (0.0016)	U (0.0024)	U (0.0016)	U (0.002)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0022)		
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.51)	U (0.21)	0.00038 J (0.0033)	0.00057 J (0.0024)	U (0.0016)	U (0.0024)	U (0.0016)	U (0.002)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0022)		
Xylenes (total)	7900	1000	U (0.002)	0.265 J (0.51)	U (0.21)	0.00258 J (0.0033)	0.0027 J (0.0024)	U (0.0016)	U (0.0024)	U (0.0016)	U (0.002)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.0022)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AC07-d	301-AC07-d	301-AC07-d	301-AC07-d	301-AC08-b	301-AC08-b	301-AC08-d	301-AC08-d	301-AC08-d	301-AC09-a	301-AC09-a	301-AC09-a	301-B01-c	301-C01-b
Cell	Soil Direct Contact	Soil to	301-AC07	301-AC07	301-AC07	301-AC07	301-AC08	301-AC08	301-AC08	301-AC08	301-AC08	301-AC09	301-AC09	301-AC09	301-B01	301-C01
Field Sample ID	Numeric Value	Groundwater	301-AC07-C2-VOC	301-AC07-C3-VOC	301-AC07-C4-VOC	301-AC07-C5-VOC	301-AC08-C1-VOC	301-AC08-C2-VOC	301-AC08-C3-VOC	301-AC08-C4-VOC	301-AC08-C5-VOC	301-AC09-C1-VOC	301-AC09-C2-VOC	301-AC09-C3-VOC	301-B01-C1-VOC	301-C01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.4	0.5 - 0.6	0.6 - 0.8	0.9 - 1.0	0.0 - 0.2	0.2 - 0.3	0.3 - 0.5	0.9 - 1.1	1.2 - 1.4	0.2 - 0.3	0.6 - 0.8	1.1 - 1.2	1.2 - 1.4	0.3 - 0.5
Sample Date	(mg/kg)	(mg/kg)	6/1/2022	6/1/2022	6/1/2022	6/1/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/9/2022	6/9/2022	6/9/2022	5/17/2022	5/17/2022
VOCs																
Benzene	280	0.5	0.0035 (0.00056)	0.0013 J (0.0015)	0.0058 (0.00063)	0.0092 (0.0005)	U (0.00063)	U (0.00056)	U (0.00064)	U (0.00058)	U (0.00084)	U (0.00052)	U (0.00049)	U (0.00052)	0.028 (0.025)	8.1 (0.089)
Cumene	10000	2500	0.00029 J (0.0011)	U (0.003)	0.00022 J (0.0013)	0.00041 J (0.001)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00099)	U (0.001)	0.48 (0.051)	79 (4.5)
1,2-Dibromoethane	3.7	0.005	U (0.00056)	U (0.0015)	U (0.00063)	U (0.0005)	U (0.00063)	U (0.00056)	U (0.00064)	U (0.00058)	U (0.00084)	U (0.00052)	U (0.00049)	U (0.00052)	U (0.025)	U (0.089)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.003)	U (0.0013)	U (0.001)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00099)	U (0.001)	U (0.051)	U (0.18)
Ethyl Benzene	880	70	0.00021 J (0.0011)	U (0.003)	U (0.0013)	0.00017 J (0.001)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00099)	U (0.001)	0.027 J (0.051)	3.9 (0.18)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0059)	U (0.0025)	U (0.002)	U (0.0025)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0034)	U (0.0021)	U (0.002)	U (0.0021)	U (0.1)	U (0.36)
Toluene	10000	100	U (0.0011)	U (0.003)	U (0.0013)	0.00075 J (0.001)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.0012)	U (0.0017)	U (0.001)	U (0.00099)	U (0.001)	U (0.051)	1.4 (0.18)
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.0059)	U (0.0025)	0.00036 J (0.002)	U (0.0025)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0034)	U (0.0021)	U (0.002)	U (0.0021)	0.086 J (0.1)	0.98 (0.36)
1,3,5-Trimethylbenzene	4700	93	0.00027 J (0.0022)	U (0.0059)	0.0003 J (0.0025)	0.00066 J (0.002)	U (0.0025)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0034)	U (0.0021)	U (0.002)	U (0.0021)	0.018 J (0.1)	0.15 J (0.36)
Xylenes (total)	7900	1000	0.00135 J (0.0022)	U (0.0059)	0.00153 J (0.0025)	0.00185 J (0.002)	U (0.0025)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0034)	U (0.0021)	U (0.002)	U (0.0021)	0.109 J (0.1)	6.27 J (0.36)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-C02-a	301-C02-d	301-D01-c	301-D01-c	301-D01-c	301-D01-c	301-D01-c	301-D01-f	301-E01-a	301-E02-a	301-E02-a	301-E02-a	301-E02-d	301-E02-d	301-E02-e
Cell	Soil Direct Contact	Soil to	301-C02	301-C02	301-D01	301-D01	301-D01	301-D01	301-D01	301-D01	301-E01	301-E02	301-E02	301-E02	301-E02	301-E02	301-E02
Field Sample ID	Numeric Value	Groundwater	301-C02-C1-VOC	301-C02-C2-VOC	301-D01-C1-VOC	301-D01-C2-VOC	301-D01-C3-VOC	301-D01-C4-VOC	301-D01-D1-VOC	301-E01-C1-VOC	301-E02-C2-VOC	301-E02-C3-VOC	301-E02-C4-VOC	301-E02-C1-VOC	301-E02-C5-VOC	301-E02-D1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	2.3 - 2.4	0.0 - 0.2	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	0.5 - 0.6	1.7 - 1.8	0.3 - 0.5	0.5 - 0.6	0.8 - 0.9	0.3 - 0.5	2.9 - 3.0	0.3 - 0.5	
Sample Date	(mg/kg)	(mg/kg)	6/3/2022	6/3/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	3/28/2023	5/17/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	3/28/2023	
VOCs																	
Benzene	280	0.5	0.011 J (0.028)	0.39 J (0.55)	0.023 J (0.028)	0.00053 J (0.00057)	6.9 (0.046)	0.0099 J (0.029)	1.2 (0.029)	U (0.00046)	0.027 J (0.031)	0.086 (0.08)	0.021 J (0.031)	1.2 (0.095)	0.011 (0.00055)	200 (0.65)	
Cumene	10000	2500	0.14 (0.056)	56 (1.1)	0.21 (0.057)	0.00042 J (0.0011)	7.3 (0.093)	5.1 (0.058)	31 (0.29)	U (0.00093)	0.44 (0.062)	20 (0.16)	8.4 (0.062)	7.8 (0.19)	0.02 (0.0011)	24 (1.3)	
1,2-Dibromoethane	3.7	0.005	U (0.028)	U (0.55)	U (0.028)	U (0.00057)	U (0.046)	U (0.029)	U (0.029)	U (0.00046)	U (0.031)	U (0.08)	U (0.031)	U (0.095)	U (0.00055)	U (0.65)	
1,2-Dichloroethane	85	0.5	U (0.056)	U (1.1)	U (0.057)	U (0.0011)	U (0.093)	U (0.058)	U (0.059)	U (0.00093)	U (0.062)	U (0.16)	U (0.062)	U (0.19)	0.00037 J (0.0011)	6 (1.3)	
Ethyl Benzene	880	70	0.012 J (0.056)	4.2 (1.1)	0.16 (0.057)	0.0003 J (0.0011)	2.2 (0.093)	0.014 J (0.058)	7.7 (0.059)	U (0.00093)	0.04 J (0.062)	0.1 J (0.16)	0.32 (0.062)	0.43 (0.19)	0.002 (0.0011)	420 (13)	
Methyl tert-butyl ether	8500	2	U (0.11)	U (2.2)	U (0.11)	0.0034 (0.0023)	0.31 (0.19)	U (0.12)	U (0.12)	U (0.0019)	0.019 J (0.12)	U (0.32)	0.016 J (0.12)	U (0.38)	U (0.0022)	U (2.6)	
Toluene	10000	100	U (0.056)	U (1.1)	0.097 (0.057)	U (0.0011)	7.6 (0.093)	0.031 J (0.058)	0.41 (0.059)	U (0.00093)	U (0.062)	U (0.16)	0.043 J (0.062)	0.79 (0.19)	0.00088 J (0.0011)	2000 (13)	
1,2,4-Trimethylbenzene	4700	300	0.047 J (0.11)	2 J (2.2)	9.2 (0.11)	0.00084 J (0.0023)	1.7 (0.19)	21 (0.46)	4.8 (0.12)	U (0.0019)	U (0.12)	0.23 J (0.32)	0.17 (0.12)	0.41 (0.38)	0.008 (0.0022)	610 (26)	
1,3,5-Trimethylbenzene	4700	93	U (0.11)	0.72 J (2.2)	8 (0.11)	0.00036 J (0.0023)	0.48 (0.19)	6.4 (0.12)	0.76 (0.12)	U (0.0019)	U (0.12)	0.053 J (0.32)	0.098 J (0.12)	0.066 J (0.38)	0.0027 (0.0022)	210 (2.6)	
Xylenes (total)	7900	1000	0.069 J (0.11)	U (2.2)	2.17 J (0.11)	0.00122 J (0.0023)	9.3 J (0.19)	0.37 J (0.12)	2.67 J (0.12)	U (0.0019)	U (0.12)	0.46 J (0.32)	0.161 J (0.12)	1.1 J (0.38)	0.0076 J (0.0022)	2520 J (26)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-E03-b	301-F01-c	301-F01-c	301-F01-d	301-F01-d	301-F01-d	301-F01-d	301-F01-d	301-F02-a	301-F02-b	301-G01-a	301-G01-b	301-G01-c	301-G02-a	301-G02-b
Cell	Soil Direct Contact	Soil to	301-E03	301-F01	301-F01	301-F01	301-F01	301-F01	301-F01	301-F01	301-F02	301-F02	301-G01	301-G01	301-G01	301-G02	301-G02
Field Sample ID	Numeric Value	Groundwater	301-E03-C1-VOC	301-F01-C2-VOC	301-F01-C3-VOC	301-F01-C1-VOC	301-F01-C4-VOC	301-F01-C5-VOC	301-F01-D1-VOC	301-F02-C2-VOC	301-F02-C1-VOC	301-G01-C1-VOC	301-G01-C2-VOC	301-G01-D1-VOC	301-G02-C4-VOC	301-G02-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	0.8 - 0.9	1.7 - 1.8	0.5 - 0.6	2.3 - 2.4	2.9 - 3.0	3.4 - 3.5	1.1 - 1.2	0.9 - 1.1	1.4 - 1.5	2.4 - 2.6	5.2 - 5.3	3.4 - 3.5	0.9 - 1.1	
Sample Date	(mg/kg)	(mg/kg)	6/6/2022	5/18/2022	5/18/2022	5/18/2022	5/18/2022	5/18/2022	3/29/2023	6/6/2022	6/6/2022	5/18/2022	5/18/2022	3/30/2023	5/19/2022	5/19/2022	
VOCs																	
Benzene	280	0.5	0.012 J (0.03)	0.037 (0.033)	U (0.029)	2.2 (0.041)	0.034 (0.03)	0.002 (0.00066)	1.7 (0.032)	0.61 (0.031)	0.057 (0.00051)	76 (0.3)	0.45 (0.03)	16 (0.072)	2.4 (0.031)	10 (0.08)	
Cumene	10000	2500	2.4 (0.06)	0.22 (0.067)	U (0.059)	30 (0.83)	3.5 (0.059)	0.23 (0.0013)	4.7 (0.065)	4.6 (0.062)	0.017 (0.001)	38 (0.6)	2.2 (0.061)	3 (0.14)	0.066 (0.062)	4 (0.16)	
1,2-Dibromoethane	3.7	0.005	U (0.03)	U (0.033)	U (0.029)	U (0.041)	U (0.03)	U (0.00066)	U (0.032)	U (0.031)	U (0.00051)	U (0.3)	U (0.03)	U (0.072)	U (0.031)	U (0.08)	
1,2-Dichloroethane	85	0.5	U (0.06)	U (0.067)	U (0.059)	U (0.083)	U (0.059)	U (0.0013)	U (0.065)	U (0.062)	U (0.001)	U (0.6)	U (0.061)	U (0.14)	U (0.062)	U (0.16)	
Ethyl Benzene	880	70	U (0.06)	0.27 (0.067)	U (0.059)	6.5 (0.083)	0.16 (0.059)	0.0068 (0.0013)	7.3 (0.065)	9 (0.062)	0.0077 (0.001)	260 (6)	0.036 J (0.061)	27 (0.14)	0.28 (0.062)	36 (0.16)	
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.13)	U (0.12)	U (0.16)	0.023 J (0.12)	0.0056 (0.0026)	U (0.13)	U (0.12)	U (0.002)	U (1.2)	U (0.12)	0.51 (0.29)	0.013 J (0.12)	0.25 J (0.32)	
Toluene	10000	100	U (0.06)	0.1 (0.067)	U (0.059)	2.7 (0.083)	U (0.059)	0.001 J (0.0013)	0.11 (0.065)	U (0.062)	0.0044 (0.001)	130 (0.6)	U (0.061)	34 (0.14)	0.64 (0.062)	35 (0.16)	
1,2,4-Trimethylbenzene	4700	300	0.023 J (0.12)	0.91 (0.13)	U (0.12)	17 (0.16)	0.18 (0.12)	0.0064 (0.0026)	13 (0.13)	22 (0.49)	0.0044 (0.002)	420 (12)	0.1 J (0.12)	57 (1.1)	0.59 (0.12)	98 (1.4)	
1,3,5-Trimethylbenzene	4700	93	U (0.12)	0.19 (0.13)	U (0.12)	4.4 (0.16)	0.054 J (0.12)	0.002 J (0.0026)	3.9 (0.13)	12 (0.12)	0.0013 J (0.002)	100 (1.2)	0.04 J (0.12)	17 (0.29)	0.23 (0.12)	28 (0.32)	
Xylenes (total)	7900	1000	0.067 J (0.12)	1.39 J (0.13)	U (0.12)	28 J (0.16)	0.479 J (0.12)	0.0222 J (0.0026)	28.3 J (0.13)	9.331 J (0.12)	0.0147 J (0.002)	1020 J (12)	0.3005 J (0.12)	158 J (1.1)	1.58 J (0.12)	209 J (1.4)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-G02-b 301-G02	301-G02-c 301-G02	301-G03-b 301-G03	301-G03-d 301-G03	301-G03-d 301-G03	301-G04-c 301-G04	301-H01-a 301-H01	301-H01-b 301-H01	301-H01-c 301-H01	301-H02-a 301-H02	301-H02-b 301-H02	301-H02-b 301-H02	301-H02-c 301-H02	301-H03-c 301-H03
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	301-G02-C2-VOC	301-G02-C3-VOC	301-G03-C3-VOC	301-G03-C1-VOC	301-G03-C2-VOC	301-G04-C1-VOC	301-H01-C1-VOC	301-H01-D1-VOC	301-H01-C2-VOC	301-H02-C1-VOC	301-H02-C2-VOC	301-H02-C4-VOC	301-H02-C3-VOC	301-H03-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	2.0 - 2.1	4.6 - 4.7	3.8 - 4.0	0.8 - 0.9	2.9 - 3.0	0.6 - 0.8	0.6 - 0.8	4.1 - 4.3	2.7 - 2.9	0.6 - 0.8	1.5 - 1.7	4.4 - 4.6	4.3 - 4.4	0.8 - 0.9
Sample Date	(mg/kg)	(mg/kg)	5/19/2022	5/19/2022	5/20/2022	5/20/2022	5/20/2022	6/2/2022	5/19/2022	3/30/2023	5/19/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022
VOCs																
Benzene	280	0.5	5.6 (0.14)	5.1 (0.029)	8.4 (0.028)	5.2 (0.31)	11 (0.56)	0.028 J (0.041)	72 (0.75)	2.3 (0.034)	0.015 J (0.031)	0.00033 J (0.00048)	0.31 (0.03)	160 (1.4)	1.7 (0.029)	25 (1.4)
Cumene	10000	2500	5.4 (0.28)	1.2 (0.058)	0.81 (0.057)	9.7 (0.62)	14 (1.1)	0.42 (0.082)	38 (1.5)	0.42 (0.069)	2.6 (0.062)	0.00011 J (0.00095)	1.2 (0.06)	28 (2.8)	2.7 (0.058)	39 (2.8)
1,2-Dibromoethane	3.7	0.005	U (0.14)	U (0.029)	U (0.028)	U (0.31)	U (0.56)	U (0.041)	U (0.75)	U (0.034)	U (0.031)	U (0.00048)	U (0.03)	U (1.4)	U (0.029)	U (1.4)
1,2-Dichloroethane	85	0.5	U (0.28)	U (0.058)	U (0.057)	U (0.62)	U (1.1)	U (0.082)	U (1.5)	U (0.069)	U (0.062)	U (0.00095)	U (0.06)	U (2.8)	U (0.058)	U (2.8)
Ethyl Benzene	880	70	51 (0.28)	0.88 (0.058)	9.9 (0.057)	110 (0.62)	110 (1.1)	0.091 (0.082)	160 (1.5)	2.7 (0.069)	0.34 (0.062)	0.00084 J (0.00095)	3.6 (0.06)	290 (2.8)	11 (0.058)	520 (2.8)
Methyl tert-butyl ether	8500	2	U (0.56)	0.89 (0.12)	0.41 (0.11)	0.18 J (1.2)	0.28 J (2.2)	U (0.16)	1.8 J (3)	U (0.14)	U (0.12)	U (0.0019)	U (0.12)	U (5.6)	U (0.12)	U (5.6)
Toluene	10000	100	1.5 (0.28)	0.37 (0.058)	35 (0.28)	84 (0.62)	490 (5.6)	U (0.082)	U (1.5)	3.1 (0.069)	U (0.062)	U (0.00095)	0.48 (0.06)	1500 (5.4)	0.67 (0.058)	52 (2.8)
1,2,4-Trimethylbenzene	4700	300	120 (1.2)	5.2 (0.12)	23 (0.57)	240 (2.5)	620 (11)	0.13 J (0.16)	630 (12)	8.5 (0.14)	25 (12)	0.00094 J (0.0019)	9.4 (0.12)	500 (5.6)	28 (2.8)	1100 (11)
1,3,5-Trimethylbenzene	4700	93	36 (0.56)	0.64 (0.12)	7 (0.11)	73 (1.2)	130 (2.2)	0.028 J (0.16)	140 (3)	2.7 (0.14)	9 (0.12)	0.00041 J (0.0019)	3.7 (0.12)	160 (5.6)	9.4 (0.12)	400 (5.6)
Xylenes (total)	7900	1000	251 J (1.2)	1.56 J (0.12)	58 J (0.57)	590 J (2.5)	720 J (2.2)	0.224 J (0.16)	506 J (3)	13.4 J (0.14)	6.58 J (0.12)	0.003 J (0.0019)	13.8 J (0.12)	1380 J (5.6)	68 J (2.8)	3440 J (11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-H03-c 301-H03	301-H03-c 301-H03	301-I01-b 301-I01	301-I01-c 301-I01	301-I01-d 301-I01	301-I02-a 301-I02	301-I02-d 301-I02	301-I02-d 301-I02	301-I02-d 301-I02	301-I02-d 301-I02	301-I02-d 301-I02	301-I03-a 301-I03	301-J01-b 301-J01	301-J01-c 301-J01	301-J01-c 301-J01
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	301-H03-C2-VOC	301-H03-C3-VOC	301-I01-C3-VOC	301-I01-C1-VOC	301-I01-C2-VOC	301-I02-C3-VOC	301-I02-C1-VOC	301-I02-C2-VOC	301-I02-C4-VOC	301-I02-C5-VOC	301-I03-C1-VOC	301-J01-C1-VOC	301-J01-C2-VOC	301-J01-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	1.7 - 1.8	3.2 - 3.4	4.1 - 4.3	0.6 - 0.8	1.8 - 2.0	3.2 - 3.4	0.8 - 0.9	1.8 - 2.0	4.4 - 4.6	5.3 - 5.5	1.5 - 1.7	0.5 - 0.6	0.9 - 1.1	2.0 - 2.1	
Sample Date	(mg/kg)	(mg/kg)	5/23/2022	5/23/2022	5/20/2022	5/20/2022	5/20/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	6/2/2022	6/3/2022	6/3/2022	6/3/2022	
VOCs																	
Benzene	280	0.5	21 (0.17)	0.91 (0.3)	0.018 J (0.035)	0.26 (0.025)	12 (0.16)	31 (0.13)	0.43 (0.022)	5 (0.068)	0.056 (0.00048)	4.6 (0.31)	U (0.034)	0.027 J (0.029)	0.006 (0.00046)	0.0096 J (0.026)	
Cumene	10000	2500	5.5 (0.35)	6.1 (0.59)	0.022 J (0.071)	0.49 (0.05)	6.8 (0.33)	4.3 (0.26)	0.35 (0.045)	7.7 (0.14)	0.038 (0.00095)	15 (0.62)	0.12 (0.068)	0.33 (0.058)	0.032 (0.00092)	1.3 (0.052)	
1,2-Dibromoethane	3.7	0.005	U (0.17)	U (0.3)	U (0.035)	U (0.025)	U (0.16)	U (0.13)	U (0.022)	U (0.068)	U (0.00048)	U (0.31)	U (0.034)	U (0.029)	U (0.00046)	U (0.026)	
1,2-Dichloroethane	85	0.5	U (0.35)	U (0.59)	U (0.071)	U (0.05)	U (0.33)	U (0.26)	U (0.045)	U (0.14)	U (0.00095)	U (0.62)	U (0.068)	U (0.058)	U (0.00092)	U (0.052)	
Ethyl Benzene	880	70	99 (0.35)	48 (0.59)	0.038 J (0.071)	0.051 (0.05)	63 (0.33)	59 (0.26)	0.085 (0.045)	4.2 (0.14)	0.05 (0.00095)	5.3 (0.62)	0.07 (0.068)	0.061 (0.058)	0.0017 (0.00092)	0.057 (0.052)	
Methyl tert-butyl ether	8500	2	U (0.7)	U (1.2)	U (0.14)	U (0.1)	U (0.66)	0.29 J (0.52)	U (0.09)	U (0.27)	0.006 (0.0019)	U (1.2)	U (0.14)	U (0.12)	U (0.0018)	U (0.1)	
Toluene	10000	100	340 (3.5)	8.4 (0.59)	0.12 (0.071)	0.13 (0.05)	170 (0.66)	1.2 (0.26)	0.16 (0.045)	1.1 (0.14)	0.0012 (0.00095)	0.96 (0.62)	0.058 J (0.068)	U (0.058)	0.0014 (0.00092)	U (0.052)	
1,2,4-Trimethylbenzene	4700	300	180 (7)	310 (12)	0.11 J (0.14)	0.057 J (0.1)	140 (1.3)	120 (1)	0.056 J (0.09)	26 (0.27)	0.27 (0.0019)	18 (1.2)	0.17 (0.14)	0.23 (0.12)	0.0016 J (0.0018)	0.023 J (0.1)	
1,3,5-Trimethylbenzene	4700	93	62 (0.7)	60 (1.2)	0.031 J (0.14)	0.016 J (0.1)	36 (0.66)	36 (0.52)	0.021 J (0.09)	18 (0.27)	0.098 (0.0019)	9.4 (1.2)	0.054 J (0.14)	0.15 (0.12)	0.0021 (0.0018)	0.18 (0.1)	
Xylenes (total)	7900	1000	570 J (7)	269 J (1.2)	0.18 J (0.14)	0.17 J (0.1)	375 J (1.3)	173.4 J (1)	0.19 J (0.09)	68.5 J (0.27)	0.0924 J (0.0019)	5.92 J (1.2)	0.265 J (0.14)	0.158 J (0.12)	0.0093 J (0.0018)	0.576 J (0.1)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-J01-c	301-J02-c	301-J02-c	301-J02-d	301-J02-d	301-K01-a	301-K01-a	301-K01-c	301-K01-d	301-K02-a	301-K02-d	301-K02-d	301-L02-a	301-L02-c
Cell	Soil Direct Contact	Soil to	301-J01	301-J02	301-J02	301-J02	301-J02	301-K01	301-K01	301-K01	301-K01	301-K02	301-K02	301-K02	301-L02	301-L02
Field Sample ID	Numeric Value	Groundwater	301-J01-C4-VOC	301-J02-C3-VOC	301-J02-C4-VOC	301-J02-C1-VOC	301-J02-C2-VOC	301-K01-C1-VOC	301-K01-C3-VOC	301-K01-C2-VOC	301-K01-C4-VOC	301-K02-C1-VOC	301-K02-C2-VOC	301-K02-C3-VOC	301-L02-C3-VOC	301-L02-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.9 - 3.0	4.3 - 4.4	5.6 - 5.8	0.5 - 0.6	1.4 - 1.5	0.5 - 0.6	1.8 - 2.0	1.2 - 1.4	4.7 - 4.9	0.9 - 1.1	1.8 - 2.0	3.0 - 3.2	2.0 - 2.1	0.3 - 0.5
Sample Date	(mg/kg)	(mg/kg)	6/3/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/25/2022	5/26/2022	5/26/2022	5/26/2022	5/27/2022	5/27/2022
VOCs																
Benzene	280	0.5	6.4 (0.28)	0.54 (0.029)	0.78 (0.05)	0.046 J (0.057)	0.011 J (0.026)	0.0022 (0.00046)	U (0.062)	0.17 (0.026)	23 (0.66)	0.86 (0.027)	4.3 (0.025)	15 (0.39)	0.023 (0.00048)	0.041 J (0.054)
Cumene	10000	2500	8.1 (0.56)	0.022 J (0.058)	1 (0.1)	0.31 (0.11)	1.9 (0.052)	0.0074 (0.00092)	0.56 (0.12)	0.25 (0.051)	3.8 (0.053)	3.7 (0.054)	1.8 (0.05)	26 (0.77)	0.0026 (0.00095)	4.3 (0.11)
1,2-Dibromoethane	3.7	0.005	U (0.28)	U (0.029)	U (0.05)	U (0.057)	U (0.026)	U (0.00046)	U (0.062)	U (0.026)	U (0.026)	U (0.027)	U (0.025)	U (0.39)	U (0.00048)	U (0.054)
1,2-Dichloroethane	85	0.5	U (0.56)	U (0.058)	U (0.1)	U (0.11)	U (0.052)	U (0.00092)	U (0.12)	U (0.051)	U (0.053)	U (0.054)	U (0.05)	U (0.77)	U (0.00095)	U (0.11)
Ethyl Benzene	880	70	15 (0.56)	0.24 (0.058)	0.61 (0.1)	0.39 (0.11)	1.5 (0.052)	0.0029 (0.00092)	U (0.12)	0.019 J (0.051)	9.5 (0.053)	10 (0.054)	6.3 (0.05)	40 (0.77)	0.00018 J (0.00095)	0.12 (0.11)
Methyl tert-butyl ether	8500	2	U (1.1)	0.022 J (0.12)	U (0.2)	U (0.23)	U (0.1)	0.0009 J (0.0018)	U (0.25)	U (0.1)	U (0.11)	U (0.11)	U (0.1)	U (1.5)	0.006 (0.0019)	U (0.22)
Toluene	10000	100	U (0.56)	0.083 (0.058)	0.11 (0.1)	0.1 J (0.11)	U (0.052)	U (0.00092)	0.12 (0.12)	0.051 (0.051)	0.59 (0.053)	0.062 (0.054)	0.38 (0.05)	1.4 (0.77)	U (0.00095)	0.093 J (0.11)
1,2,4-Trimethylbenzene	4700	300	120 (1.1)	0.59 (0.12)	5 (0.2)	U (0.23)	9 (0.1)	0.0072 (0.0018)	U (0.25)	U (0.1)	53 (2.6)	0.055 J (0.11)	30 (1)	540 (7.7)	0.00048 J (0.0019)	0.24 (0.22)
1,3,5-Trimethylbenzene	4700	93	19 (1.1)	5.4 (0.12)	0.86 (0.2)	U (0.23)	2 (0.1)	0.0018 (0.0018)	U (0.25)	U (0.1)	13 (0.11)	0.018 J (0.11)	7.8 (0.1)	100 (1.5)	0.0016 J (0.0019)	0.043 J (0.22)
Xylenes (total)	7900	1000	41.1 J (1.1)	0.271 J (0.12)	0.55 J (0.2)	U (0.23)	0.306 J (0.1)	0.0125 J (0.0018)	U (0.25)	0.1855 J (0.1)	32.9 J (0.11)	0.46 J (0.11)	24.6 J (0.1)	112 J (1.5)	U (0.0019)	0.43 J (0.22)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-L02-c	301-L02-c	301-L03-b	301-L03-c	301-L03-d	301-M02-b	301-M02-d	301-M02-d	301-M02-d	301-M03-d	301-M03-d	301-M04-a	301-N02-a	301-N02-b
Cell	Soil Direct Contact	Soil to	301-L02	301-L02	301-L03	301-L03	301-L03	301-M02	301-M02	301-M02	301-M02	301-M03	301-M03	301-M04	301-N02	301-N02
Field Sample ID	Numeric Value	Groundwater	301-L02-C2-VOC	301-L02-C4-VOC	301-L03-C2-VOC	301-L03-C3-VOC	301-L03-C1-VOC	301-M02-C3-VOC	301-M02-C1-VOC	301-M02-C2-VOC	301-M02-C4-VOC	301-M03-C1-VOC	301-M03-C2-VOC	301-M04-C1-VOC	301-N02-C1-VOC	301-N02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	2.4 - 2.6	2.4 - 2.6	4.4 - 4.6	0.8 - 0.9	2.0 - 2.1	0.6 - 0.8	1.8 - 2.0	3.8 - 4.0	0.6 - 0.8	2.6 - 2.7	0.5 - 0.6	0.3 - 0.5	1.8 - 2.0
Sample Date	(mg/kg)	(mg/kg)	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	6/2/2022	6/1/2022	6/1/2022
VOCs																
Benzene	280	0.5	U (0.028)	U (0.00051)	U (0.00038)	0.6 (0.098)	0.027 (0.026)	0.58 (0.15)	0.034 J (0.036)	0.2 (0.026)	0.01 (0.00041)	0.00024 J (0.00044)	0.00053 (0.00049)	1.6 (0.073)	0.065 (0.029)	0.12 (0.027)
Cumene	10000	2500	1.5 (0.055)	0.0049 (0.001)	0.004 (0.00077)	4.4 (0.2)	1.5 (0.052)	5.8 (0.3)	0.22 (0.073)	0.77 (0.053)	0.014 (0.00081)	0.0078 (0.00088)	0.037 (0.00098)	12 (0.15)	2.3 (0.059)	0.87 (0.054)
1,2-Dibromoethane	3.7	0.005	U (0.028)	U (0.00051)	U (0.00038)	U (0.098)	U (0.026)	U (0.15)	U (0.036)	U (0.026)	U (0.00041)	U (0.00044)	U (0.00049)	U (0.073)	U (0.029)	U (0.027)
1,2-Dichloroethane	85	0.5	U (0.055)	U (0.001)	U (0.00077)	U (0.2)	U (0.052)	U (0.3)	U (0.073)	U (0.053)	U (0.00081)	U (0.00088)	U (0.00098)	U (0.15)	U (0.059)	U (0.054)
Ethyl Benzene	880	70	U (0.055)	U (0.001)	0.00053 J (0.00077)	0.36 (0.2)	0.034 J (0.052)	2.1 (0.3)	0.087 (0.073)	0.48 (0.053)	0.001 (0.00081)	0.00045 J (0.00088)	0.00072 J (0.00098)	3.3 (0.15)	0.047 J (0.059)	0.043 J (0.054)
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.002)	0.00036 J (0.0015)	U (0.39)	U (0.1)	U (0.61)	U (0.14)	U (0.11)	U (0.0016)	U (0.0018)	U (0.002)	U (0.29)	U (0.12)	U (0.11)
Toluene	10000	100	U (0.055)	U (0.001)	U (0.00077)	U (0.2)	0.036 J (0.052)	U (0.3)	0.22 (0.073)	0.24 (0.053)	0.0066 (0.00081)	U (0.00088)	0.0011 (0.00098)	1.9 (0.15)	0.083 (0.059)	U (0.054)
1,2,4-Trimethylbenzene	4700	300	U (0.11)	U (0.002)	U (0.0015)	28 (0.39)	0.058 J (0.1)	0.22 J (0.61)	0.26 (0.14)	1.5 (0.11)	0.0058 (0.0016)	0.0056 (0.0018)	0.037 (0.002)	82 (1.2)	0.1 J (0.12)	0.24 (0.11)
1,3,5-Trimethylbenzene	4700	93	U (0.11)	U (0.002)	U (0.0015)	0.66 (0.39)	0.012 J (0.1)	U (0.61)	0.076 J (0.14)	0.54 (0.11)	0.0053 (0.0016)	0.00043 J (0.0018)	0.0086 (0.002)	19 (0.29)	0.13 (0.12)	0.12 (0.11)
Xylenes (total)	7900	1000	0.071 J (0.11)	U (0.002)	0.0012 J (0.0015)	0.73 J (0.39)	0.097 J (0.1)	0.625 J (0.61)	0.62 J (0.14)	0.97 J (0.11)	0.0185 J (0.0016)	0.00184 J (0.0018)	0.0069 J (0.002)	31.4 J (0.29)	0.6 J (0.12)	0.49 J (0.11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-N02-c	301-N02-d	301-N02-e	301-N03-b	301-O02-b	301-O02-b	301-O02-b	301-O02-b	301-O02-c	301-P02-a	301-P02-b	301-P02-b	301-P02-c	301-P02-d	301-Q02-a
Cell	Soil Direct Contact	Soil to	301-N02	301-N02	301-N02	301-N03	301-O02	301-O02	301-O02	301-O02	301-O02	301-P02	301-P02	301-P02	301-P02	301-P02	301-Q02
Field Sample ID	Numeric Value	Groundwater	301-N02-C4-VOC	301-N02-C3-VOC	301-N02-D1-VOC	301-N03-C1-VOC	301-O02-C1-VOC	301-O02-C2-VOC	301-O02-C3-VOC	301-O02-D1-VOC	301-P02-C1-VOC	301-P02-C4-VOC	301-P02-C5-VOC	301-P02-C3-VOC	301-P02-C2-VOC	301-Q02-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4.3 - 4.4	2.0 - 2.1	4.4 - 4.6	1.5 - 1.7	0.3 - 0.5	0.9 - 1.1	1.5 - 1.7	2.9 - 3.0	0.2 - 0.3	1.1 - 1.2	1.4 - 1.5	1.2 - 1.4	1.1 - 1.2	0.5 - 0.6	
Sample Date	(mg/kg)	(mg/kg)	6/1/2022	6/1/2022	3/31/2023	6/1/2022	6/1/2022	6/1/2022	6/1/2022	3/30/2023	6/2/2022	6/2/2022	6/2/2022	6/2/2022	6/2/2022	5/19/2022	
VOCs																	
Benzene	280	0.5	U (0.00051)	0.009 (0.00048)	4.2 (0.027)	0.0043 (0.00024)	0.00033 J (0.00058)	0.018 J (0.028)	0.52 (0.059)	0.89 (0.03)	0.065 (0.057)	U (0.028)	4.4 (0.033)	U (0.027)	1.5 (0.024)	0.038 (0.0005)	
Cumene	10000	2500	0.002 (0.001)	0.00052 J (0.00095)	0.57 (0.055)	0.00062 (0.00047)	0.00037 J (0.0012)	0.2 (0.055)	10 (0.12)	0.85 (0.061)	0.27 (0.11)	0.44 (0.057)	1.6 (0.066)	0.39 (0.054)	5.4 (0.048)	0.042 (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00051)	U (0.00048)	U (0.027)	U (0.00024)	U (0.00058)	U (0.028)	U (0.059)	U (0.03)	U (0.057)	U (0.028)	U (0.033)	U (0.027)	U (0.024)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.00095)	U (0.055)	U (0.00047)	U (0.0012)	U (0.055)	U (0.12)	U (0.061)	U (0.11)	U (0.057)	U (0.066)	U (0.054)	U (0.048)	U (0.001)	
Ethyl Benzene	880	70	U (0.001)	0.0015 (0.00095)	1.2 (0.055)	0.00075 (0.00047)	U (0.0012)	0.23 (0.055)	0.51 (0.12)	0.49 (0.061)	0.2 (0.11)	U (0.057)	3.3 (0.066)	0.02 J (0.054)	0.57 (0.048)	0.022 (0.001)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0019)	U (0.11)	U (0.00095)	U (0.0023)	U (0.11)	U (0.24)	U (0.12)	U (0.23)	U (0.11)	U (0.13)	U (0.11)	U (0.096)	0.0011 J (0.002)	
Toluene	10000	100	U (0.001)	0.0044 (0.00095)	0.065 (0.055)	0.001 (0.00047)	U (0.0012)	U (0.055)	0.52 (0.12)	0.057 J (0.061)	0.18 (0.11)	U (0.057)	0.61 (0.066)	U (0.054)	0.11 (0.048)	0.012 (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.002)	0.0043 (0.0019)	2.6 (0.11)	0.0018 (0.00095)	U (0.0023)	0.45 (0.11)	0.32 (0.24)	1.5 (0.12)	2.1 (0.23)	U (0.11)	0.8 (0.13)	0.03 J (0.11)	0.25 (0.096)	0.0084 (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	0.0013 J (0.0019)	0.81 (0.11)	0.00056 J (0.00095)	U (0.0023)	0.085 J (0.11)	0.099 J (0.24)	0.92 (0.12)	0.1 J (0.23)	0.058 J (0.11)	0.2 (0.13)	0.18 (0.11)	0.071 J (0.096)	0.0028 (0.002)	
Xylenes (total)	7900	1000	0.00186 J (0.002)	0.0087 J (0.0019)	2.539 J (0.11)	0.00268 J (0.00095)	U (0.0023)	0.518 J (0.11)	1.34 J (0.24)	1.546 J (0.12)	0.76 J (0.23)	0.0665 J (0.11)	2.55 J (0.13)	0.089 J (0.11)	0.858 J (0.096)	0.0162 J (0.002)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-Q02-a	301-Q02-a	301-Q03-a	301-Q03-d	301-Q04-a	301-Q04-e	301-R02-d	301-R02-d	301-R02-d	301-R02-d	301-R03-c	301-R03-d	301-S02-d	301-S02-d
Cell	Soil Direct Contact	Soil to	301-Q02	301-Q02	301-Q03	301-Q03	301-Q04	301-Q04	301-R02	301-R02	301-R02	301-R02	301-R03	301-R03	301-S02	301-S02
Field Sample ID	Numeric Value	Groundwater	301-Q02-C2-VOC	301-Q02-C3-VOC	301-Q03-C1-VOC	301-Q03-C2-VOC	301-Q04-C1-VOC	301-Q04-D1-VOC	301-R02-C1-VOC	301-R02-C2-VOC	301-R02-C3-VOC	301-R02-C4-VOC	301-R03-C2-VOC	301-R03-C1-VOC	301-S02-C1-VOC	301-S02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	1.5 - 1.7	1.7 - 1.8	0.9 - 1.1	2.3 - 2.4	5.2 - 5.3	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	1.5 - 1.7	2.1 - 2.3	2.0 - 2.1	0.2 - 0.3	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	5/19/2022	5/19/2022	5/18/2022	5/18/2022	6/10/2022	3/31/2023	5/19/2022	5/19/2022	5/19/2022	5/19/2022	5/18/2022	5/18/2022	5/19/2022	5/19/2022
VOCs																
Benzene	280	0.5	0.81 (0.035)	0.19 (0.0004)	1.3 (0.041)	2.7 (0.22)	U (0.039)	U (0.00043)	U (0.00054)	U (0.06)	U (0.071)	U (0.11)	87 (0.16)	0.011 (0.00068)	0.0016 (0.00055)	U (0.0012)
Cumene	10000	2500	0.4 (0.07)	0.00086 (0.00081)	4.4 (0.082)	1.2 (0.44)	0.018 J (0.078)	U (0.00086)	0.00049 J (0.0011)	1.6 (0.12)	1.8 (0.14)	2.1 (0.23)	4.7 (0.31)	0.0012 J (0.0014)	0.00028 J (0.0011)	U (0.0025)
1,2-Dibromoethane	3.7	0.005	U (0.035)	U (0.0004)	U (0.041)	U (0.22)	U (0.039)	U (0.00043)	U (0.00054)	U (0.06)	U (0.071)	U (0.11)	U (0.16)	U (0.00068)	U (0.00055)	U (0.0012)
1,2-Dichloroethane	85	0.5	U (0.07)	U (0.00081)	U (0.082)	U (0.44)	U (0.078)	U (0.00086)	U (0.0011)	U (0.12)	U (0.14)	U (0.23)	U (0.31)	U (0.0014)	U (0.0011)	U (0.0025)
Ethyl Benzene	880	70	1.1 (0.07)	0.018 (0.00081)	11 (0.082)	0.59 (0.44)	U (0.078)	U (0.00086)	U (0.0011)	0.037 J (0.12)	U (0.14)	U (0.23)	62 (0.31)	0.00051 J (0.0014)	0.0003 J (0.0011)	0.00075 J (0.0025)
Methyl tert-butyl ether	8500	2	0.14 (0.14)	0.026 (0.0016)	0.14 J (0.16)	U (0.87)	U (0.16)	U (0.0017)	U (0.0022)	U (0.24)	U (0.28)	U (0.45)	0.33 J (0.62)	U (0.0027)	U (0.0022)	U (0.005)
Toluene	10000	100	0.54 (0.07)	0.23 (0.00081)	0.3 (0.082)	0.24 J (0.44)	U (0.078)	U (0.00086)	U (0.0011)	U (0.12)	U (0.14)	U (0.23)	200 (6.1)	0.0015 (0.0014)	0.00061 J (0.0011)	U (0.0025)
1,2,4-Trimethylbenzene	4700	300	0.23 (0.14)	0.0022 (0.0016)	0.41 (0.16)	3.9 (0.87)	U (0.16)	U (0.0017)	U (0.0022)	0.11 J (0.24)	U (0.28)	U (0.45)	100 (12)	U (0.0027)	U (0.0022)	0.0018 J (0.005)
1,3,5-Trimethylbenzene	4700	93	0.12 J (0.14)	0.00078 J (0.0016)	0.29 (0.16)	3 (0.87)	U (0.16)	U (0.0017)	U (0.0022)	U (0.24)	U (0.28)	U (0.45)	34 (0.62)	U (0.0027)	U (0.0022)	0.00076 J (0.005)
Xylenes (total)	7900	1000	1.89 J (0.14)	0.079 J (0.0016)	0.94 J (0.16)	1.82 J (0.87)	U (0.16)	U (0.0017)	U (0.0022)	0.115 J (0.24)	U (0.28)	U (0.45)	287 J (12)	0.00146 J (0.0027)	0.00123 J (0.0022)	0.0038 J (0.005)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-S02-d 301-S02	301-S02-d 301-S02	301-S02-d 301-S02	301-S03-c 301-S03	301-T04-a 301-T04	301-T04-d 301-T04	301-T04-d 301-T04	301-T04-d 301-T04	301-U04-c 301-U04	301-U04-d 301-U04	301-U04-d 301-U04	301-U04-d 301-U04	301-U04-d 301-U04	301-U04-d 301-U04	301-U04-d 301-U04
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	301-S02-C3-VOC	301-S02-C4-VOC	301-S02-C5-VOC	301-S03-C1-VOC	301-T04-C3-VOC	301-T04-C1-VOC	301-T04-C2-VOC	301-U04-C2-VOC	301-U04-C1-VOC	301-U04-C3-VOC	301-U04-C4-VOC	301-U04-C1-VOC	301-U04-C2-VOC	301-U04-C3-VOC	301-U04-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	0.9 - 1.1	1.4 - 1.5	1.8 - 2.0	2.3 - 2.4	1.5 - 1.7	0.9 - 1.1	1.2 - 1.4	0.2 - 0.4	0.2 - 0.3	0.9 - 1.1	1.4 - 1.5	0.2 - 0.3	0.9 - 1.1	1.4 - 1.5	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	5/19/2022	5/19/2022	5/19/2022	5/17/2022	5/17/2022	5/17/2022	5/17/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022
VOCs																	
Benzene	280	0.5	U (0.001)	U (0.00057)	U (0.00062)	1 (0.03)	0.0017 (0.00054)	U (0.0005)	U (0.03)	0.0013 (0.00057)	0.0016 (0.00084)	0.11 (0.00042)	1.6 (0.029)	U (0.00085)	U (0.039)	U (0.035)	
Cumene	10000	2500	0.00024 J (0.0021)	0.00045 J (0.0011)	0.00053 J (0.0012)	1.1 (0.059)	0.0043 (0.0011)	0.00099 (0.00099)	1.6 (0.061)	0.00045 J (0.0011)	U (0.0017)	0.012 (0.00084)	5 (0.058)	U (0.0017)	0.65 (0.079)	1.8 (0.071)	
1,2-Dibromoethane	3.7	0.005	U (0.001)	U (0.00057)	U (0.00062)	U (0.03)	U (0.00054)	U (0.0005)	U (0.03)	U (0.00057)	U (0.00084)	U (0.00042)	U (0.029)	U (0.00085)	U (0.039)	U (0.035)	
1,2-Dichloroethane	85	0.5	U (0.0021)	U (0.0011)	U (0.0012)	U (0.059)	U (0.0011)	U (0.00099)	U (0.061)	U (0.0011)	U (0.0017)	U (0.00084)	U (0.058)	U (0.0017)	U (0.079)	U (0.071)	
Ethyl Benzene	880	70	0.00084 J (0.0021)	U (0.0011)	U (0.0012)	1.5 (0.059)	U (0.0011)	U (0.00099)	U (0.061)	U (0.0011)	U (0.0017)	0.00061 J (0.00084)	0.14 (0.058)	U (0.0017)	0.013 J (0.079)	U (0.071)	
Methyl tert-butyl ether	8500	2	U (0.0041)	U (0.0023)	U (0.0025)	U (0.12)	0.00084 J (0.0022)	U (0.002)	U (0.12)	U (0.0023)	U (0.0034)	0.00034 J (0.0017)	U (0.12)	U (0.0034)	U (0.16)	U (0.14)	
Toluene	10000	100	U (0.0021)	U (0.0011)	U (0.0012)	0.37 (0.059)	U (0.0011)	U (0.00099)	U (0.061)	U (0.0011)	U (0.0017)	0.0005 J (0.00084)	0.046 J (0.058)	U (0.0017)	0.08 (0.079)	U (0.071)	
1,2,4-Trimethylbenzene	4700	300	0.009 (0.0041)	U (0.0023)	U (0.0025)	1.7 (0.12)	U (0.0022)	0.00048 J (0.002)	U (0.12)	U (0.0023)	U (0.0034)	U (0.0017)	U (0.12)	U (0.0034)	0.035 J (0.16)	U (0.14)	
1,3,5-Trimethylbenzene	4700	93	0.0049 (0.0041)	U (0.0023)	U (0.0025)	3.5 (0.12)	U (0.0022)	U (0.002)	U (0.12)	0.00026 J (0.0023)	U (0.0034)	0.00025 J (0.0017)	0.12 (0.12)	U (0.0034)	U (0.16)	U (0.14)	
Xylenes (total)	7900	1000	0.00422 J (0.0041)	U (0.0023)	U (0.0025)	2.26 J (0.12)	0.00188 J (0.0022)	U (0.002)	U (0.12)	U (0.0023)	U (0.0034)	0.00154 J (0.0017)	0.307 J (0.12)	U (0.0034)	0.0885 J (0.16)	U (0.14)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-V04-d	301-W03-d	301-W03-d	301-W03-d	301-W03-d	301-W04-c	301-X03-c	301-X03-c	301-X03-c	301-X03-c	301-Y03-a	301-Y03-a	301-Y03-a	301-Y04-b	301-Y04-b
Cell	Soil Direct Contact	Soil to	301-V04	301-W03	301-W03	301-W03	301-W03	301-W04	301-X03	301-X03	301-X03	301-X03	301-Y03	301-Y03	301-Y03	301-Y04	301-Y04
Field Sample ID	Numeric Value	Groundwater	301-V04-C4-VOC	301-W03-C1-VOC	301-W03-C2-VOC	301-W03-C3-VOC	301-W04-C1-VOC	301-X03-C1-VOC	301-X03-C2-VOC	301-X03-C3-VOC	301-X03-C4-VOC	301-Y03-C1-VOC	301-Y03-C2-VOC	301-Y03-C3-VOC	301-Y04-C2-VOC	301-Y04-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	0.9 - 1.1	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	1.2 - 1.4	2.4 - 2.6	4.0 - 4.1	0.8 - 0.9	2.0 - 2.1	
Sample Date	(mg/kg)	(mg/kg)	5/20/2022	5/23/2022	5/23/2022	5/23/2022	6/10/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/25/2022	5/25/2022	
VOCs																	
Benzene	280	0.5	U (0.028)	0.021 (0.00063)	0.0084 (0.00054)	0.18 (0.032)	0.00052 J (0.00063)	U (0.00068)	U (0.00049)	U (0.00055)	U (0.00056)	0.00032 J (0.00043)	U (0.056)	U (0.033)	U (0.0006)	U (0.00043)	
Cumene	10000	2500	3 (0.055)	0.055 (0.0013)	0.026 (0.0011)	1.7 (0.065)	U (0.0013)	0.024 J (0.054)	U (0.00098)	U (0.0011)	U (0.0011)	0.0068 (0.00086)	1.2 (0.11)	1.7 (0.066)	0.00026 J (0.0012)	0.0016 (0.00086)	
1,2-Dibromoethane	3.7	0.005	U (0.028)	U (0.00063)	U (0.00054)	U (0.032)	U (0.00063)	U (0.00068)	U (0.00049)	U (0.00055)	U (0.00056)	U (0.00043)	U (0.056)	U (0.033)	U (0.0006)	U (0.00043)	
1,2-Dichloroethane	85	0.5	U (0.055)	U (0.0013)	U (0.0011)	U (0.065)	U (0.0013)	U (0.0014)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.00086)	U (0.11)	U (0.066)	U (0.0012)	U (0.00086)	
Ethyl Benzene	880	70	0.0085 J (0.055)	0.1 (0.0013)	0.002 (0.0011)	0.066 (0.065)	U (0.0013)	0.61 (0.054)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.00086)	U (0.11)	0.35 (0.066)	U (0.0012)	0.022 (0.00086)	
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.0025)	U (0.0022)	U (0.13)	U (0.0025)	U (0.0027)	U (0.002)	U (0.0022)	U (0.0023)	0.00033 J (0.0017)	U (0.22)	U (0.13)	U (0.0024)	U (0.0017)	
Toluene	10000	100	0.035 J (0.055)	0.015 (0.0013)	0.0028 (0.0011)	0.099 (0.065)	U (0.0013)	0.039 J (0.054)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.00086)	0.085 J (0.11)	0.068 (0.066)	U (0.0012)	U (0.00086)	
1,2,4-Trimethylbenzene	4700	300	U (0.11)	0.014 (0.0025)	0.0019 J (0.0022)	U (0.13)	U (0.0025)	U (0.0027)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0017)	U (0.22)	12 (0.13)	U (0.0024)	0.072 (0.0017)	
1,3,5-Trimethylbenzene	4700	93	U (0.11)	0.0062 (0.0025)	0.00076 J (0.0022)	U (0.13)	U (0.0025)	U (0.0027)	U (0.002)	U (0.0022)	U (0.0023)	0.00024 J (0.0017)	U (0.22)	3.1 (0.13)	U (0.0024)	0.0043 (0.0017)	
Xylenes (total)	7900	1000	U (0.11)	0.054 J (0.0025)	0.017 J (0.0022)	0.168 J (0.13)	U (0.0025)	3.7 J (0.11)	U (0.002)	U (0.0022)	U (0.0023)	0.00115 J (0.0017)	U (0.22)	0.625 J (0.13)	U (0.0024)	0.061 J (0.0017)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-Y04-b	301-Y04-c	301-Y05-b	301-Y05-c	301-Z04-b	301-Z04-b	301-Z04-d	301-Z04-d	301-Z04-d	301-Z05-d	301-Z05-d	301-Z05-d	301-Z06-c	301-Z06-c
Cell	Soil Direct Contact	Soil to	301-Y04	301-Y04	301-Y05	301-Y05	301-Z04	301-Z04	301-Z04	301-Z04	301-Z04	301-Z05	301-Z05	301-Z05	301-Z06	301-Z06
Field Sample ID	Numeric Value	Groundwater	301-Y04-C4-VOC	301-Y04-C1-VOC	301-Y05-C1-VOC	301-Y05-C2-VOC	301-Z04-C4-VOC	301-Z04-C5-VOC	301-Z04-C1-VOC	301-Z04-C2-VOC	301-Z04-C3-VOC	301-Z05-C1-VOC	301-Z05-C2-VOC	301-Z05-C3-VOC	301-Z06-C1-VOC	301-Z06-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.7 - 2.9	0.2 - 0.3	0.5 - 0.6	0.6 - 0.8	1.7 - 1.8	2.1 - 2.3	0.8 - 0.9	0.9 - 1.1	2.0 - 2.1	1.1 - 1.2	2.7 - 2.9	4.0 - 4.1	0.6 - 0.8	1.2 - 1.4
Sample Date	(mg/kg)	(mg/kg)	5/25/2022	5/25/2022	6/9/2022	6/9/2022	5/26/2022	5/26/2022	5/26/2022	5/26/2022	5/26/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022
VOCs																
Benzene	280	0.5	0.00024 J (0.00058)	U (0.00054)	U (0.00058)	U (0.00059)	U (0.03)	U (0.028)	U (0.059)	U (0.029)	U (0.029)	U (0.028)	U (0.041)	U (0.033)	U (0.029)	U (0.12)
Cumene	10000	2500	0.00036 J (0.0012)	U (0.0011)	U (0.0012)	U (0.0012)	2.6 (0.059)	8.1 (0.057)	1.4 (0.12)	1 (0.058)	0.57 (0.058)	2.8 (0.056)	4.1 (0.082)	0.34 (0.066)	1.7 (0.059)	14 (0.23)
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.00054)	U (0.00058)	U (0.00059)	U (0.03)	U (0.028)	U (0.059)	U (0.029)	U (0.029)	U (0.028)	U (0.041)	U (0.033)	U (0.029)	U (0.12)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.059)	U (0.057)	U (0.12)	U (0.058)	U (0.058)	U (0.056)	U (0.082)	U (0.066)	U (0.059)	U (0.23)
Ethyl Benzene	880	70	0.0014 (0.0012)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.059)	U (0.057)	U (0.12)	U (0.058)	U (0.058)	0.012 J (0.056)	U (0.082)	U (0.066)	0.43 (0.059)	0.088 J (0.23)
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.12)	U (0.11)	U (0.24)	U (0.12)	U (0.12)	U (0.11)	U (0.16)	U (0.13)	U (0.12)	U (0.46)
Toluene	10000	100	U (0.0012)	U (0.0011)	U (0.0012)	U (0.0012)	U (0.059)	U (0.057)	U (0.12)	U (0.058)	U (0.058)	0.048 J (0.056)	0.072 J (0.082)	0.058 J (0.066)	0.15 (0.059)	0.21 J (0.23)
1,2,4-Trimethylbenzene	4700	300	0.0016 J (0.0023)	U (0.0022)	U (0.0023)	0.00053 J (0.0024)	U (0.12)	0.021 J (0.11)	0.13 J (0.24)	U (0.12)	U (0.12)	U (0.11)	U (0.16)	U (0.13)	0.077 J (0.12)	U (0.46)
1,3,5-Trimethylbenzene	4700	93	0.0004 J (0.0023)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.12)	U (0.11)	U (0.24)	U (0.12)	U (0.12)	U (0.11)	U (0.16)	U (0.13)	0.028 J (0.12)	U (0.46)
Xylenes (total)	7900	1000	0.0038 J (0.0023)	U (0.0022)	U (0.0023)	U (0.0024)	0.091 J (0.12)	0.165 J (0.11)	U (0.24)	0.063 J (0.12)	0.084 J (0.12)	U (0.11)	0.137 J (0.16)	U (0.13)	0.46 J (0.12)	U (0.46)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-Z06-c	301-Z06-c	301-Z06-c	302-AD08-a	302-AD08-a	302-AD08-a	302-AD08-a	302-AD09-d	302-AD09-d	302-AD09-d	302-AD09-d	302-AD09-d	302-AD10-a	302-AD10-a
Cell	Soil Direct Contact	Soil to	301-Z06	301-Z06	301-Z06	302-AD08	302-AD08	302-AD08	302-AD08	302-AD09	302-AD09	302-AD09	302-AD09	302-AD09	302-AD10	302-AD10
Field Sample ID	Numeric Value	Groundwater	301-Z06-C3-VOC	301-Z06-C4-VOC	301-Z06-C5-VOC	302-AD08-C1-VOC	302-AD08-C2-VOC	302-AD08-C3-VOC	302-AD08-C4-VOC	302-AD09-C1-VOC	302-AD09-C2-VOC	302-AD09-C3-VOC	302-AD09-C4-VOC	302-AD09-C5-VOC	302-AD10-C1-VOC	302-AD10-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.8 - 2.0	3.0 - 3.2	3.4 - 3.5	0.0 - 0.2	1.4 - 1.5	2.4 - 2.6	3.7 - 3.8	1.1 - 1.2	2.3 - 2.4	3.7 - 3.8	4.6 - 4.7	5.8 - 5.9	0.2 - 0.3	0.3 - 0.5
Sample Date	(mg/kg)	(mg/kg)	5/24/2022	5/24/2022	5/24/2022	6/2/2022	6/2/2022	6/2/2022	6/2/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	6/3/2022	6/3/2022
VOCs																
Benzene	280	0.5	U (0.15)	U (0.053)	U (0.033)	U (0.00056)	U (0.00054)	U (0.00048)	U (0.00061)	0.0038 (0.00051)	U (0.00052)	0.00036 J (0.00074)	0.00081 (0.00059)	U (0.00052)	0.077 (0.034)	0.13 (0.039)
Cumene	10000	2500	16 (0.29)	5.6 (0.11)	5.7 (0.065)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0012)	U (0.001)	U (0.001)	U (0.0015)	U (0.0012)	U (0.001)	0.029 J (0.069)	0.22 (0.078)
1,2-Dibromoethane	3.7	0.005	U (0.15)	U (0.053)	U (0.033)	U (0.00056)	U (0.00054)	U (0.00048)	U (0.00061)	U (0.00051)	U (0.00052)	U (0.00074)	U (0.00059)	U (0.00052)	U (0.034)	U (0.039)
1,2-Dichloroethane	85	0.5	U (0.29)	U (0.11)	U (0.065)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0012)	U (0.001)	U (0.001)	U (0.0015)	U (0.0012)	U (0.001)	U (0.069)	U (0.078)
Ethyl Benzene	880	70	U (0.29)	0.022 J (0.11)	0.051 J (0.065)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0012)	0.00051 J (0.001)	U (0.001)	U (0.0015)	U (0.0012)	U (0.001)	0.088 (0.069)	0.24 (0.078)
Methyl tert-butyl ether	8500	2	U (0.59)	U (0.21)	U (0.13)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0029)	U (0.0023)	U (0.0021)	U (0.14)	U (0.16)
Toluene	10000	100	0.22 J (0.29)	0.13 (0.11)	0.1 (0.065)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0012)	U (0.001)	U (0.001)	U (0.0015)	U (0.0012)	U (0.001)	0.064 J (0.069)	0.13 (0.078)
1,2,4-Trimethylbenzene	4700	300	U (0.59)	U (0.21)	U (0.13)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0024)	0.00068 J (0.002)	U (0.0021)	U (0.0029)	U (0.0023)	U (0.0021)	0.084 J (0.14)	0.11 J (0.16)
1,3,5-Trimethylbenzene	4700	93	U (0.59)	U (0.21)	U (0.13)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0024)	0.00033 J (0.002)	U (0.0021)	U (0.0029)	U (0.0023)	U (0.0021)	0.023 J (0.14)	0.03 J (0.16)
Xylenes (total)	7900	1000	U (0.59)	U (0.21)	0.102 J (0.13)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0024)	0.00199 J (0.002)	U (0.0021)	U (0.0029)	U (0.0023)	U (0.0021)	0.199 J (0.14)	0.316 J (0.16)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AD10-a	302-AD10-a	302-AD11-c	302-AD11-c	302-AD11-c	302-AD11-c	302-AD11-c	302-AD12-d	302-AD12-d	302-AD12-d	302-AD12-d	302-AD12-d	302-AD13-b	302-AD13-b	302-AD13-b
Cell	Soil Direct Contact	Soil to	302-AD10	302-AD10	302-AD11	302-AD11	302-AD11	302-AD11	302-AD11	302-AD12	302-AD12	302-AD12	302-AD12	302-AD12	302-AD13	302-AD13	302-AD13
Field Sample ID	Numeric Value	Groundwater	302-AD10-C3-VOC	302-AD10-C4-VOC	302-AD11-C1-VOC	302-AD11-C2-VOC	302-AD11-C3-VOC	302-AD11-C4-VOC	302-AD12-C1-VOC	302-AD12-C2-VOC	302-AD12-C3-VOC	302-AD12-C4-VOC	302-AD12-C5-VOC	302-AD13-C1-VOC	302-AD13-C2-VOC	302-AD13-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	0.9 - 1.1	0.6 - 0.8	1.4 - 1.5	2.6 - 2.7	3.7 - 3.8	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	1.5 - 1.7	2.1 - 2.3	0.3 - 0.5	0.6 - 0.8	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	6/3/2022	6/3/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/9/2022	6/9/2022	6/9/2022
VOCs																	
Benzene	280	0.5	0.049 (0.037)	0.00081 (0.0005)	U (0.00044)	U (0.00048)	U (0.00048)	U (0.0005)	U (0.00053)	U (0.00058)	U (0.0005)	U (0.0006)	U (0.00046)	U (0.00053)	U (0.00046)	U (0.00049)	
Cumene	10000	2500	0.65 (0.074)	0.0013 (0.001)	U (0.00087)	U (0.00095)	U (0.00096)	U (0.001)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.00092)	U (0.0011)	U (0.00092)	U (0.00098)	
1,2-Dibromoethane	3.7	0.005	U (0.037)	U (0.0005)	U (0.00044)	U (0.00048)	U (0.00048)	U (0.0005)	U (0.00053)	U (0.00058)	U (0.0005)	U (0.0006)	U (0.00046)	U (0.00053)	U (0.00046)	U (0.00049)	
1,2-Dichloroethane	85	0.5	U (0.074)	U (0.001)	U (0.00087)	U (0.00095)	U (0.00096)	U (0.001)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.00092)	U (0.0011)	U (0.00092)	U (0.00098)	
Ethyl Benzene	880	70	0.11 (0.074)	0.00067 J (0.001)	U (0.00087)	U (0.00095)	U (0.00096)	U (0.001)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.00092)	U (0.0011)	U (0.00092)	U (0.00098)	
Methyl tert-butyl ether	8500	2	U (0.15)	U (0.002)	U (0.0019)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.002)	
Toluene	10000	100	0.12 (0.074)	U (0.001)	U (0.00087)	U (0.00095)	U (0.00096)	U (0.001)	U (0.001)	U (0.0012)	U (0.001)	U (0.0012)	U (0.00092)	U (0.0011)	U (0.00092)	U (0.00098)	
1,2,4-Trimethylbenzene	4700	300	0.34 (0.15)	0.01 (0.002)	U (0.0017)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	0.097 J (0.15)	0.011 (0.002)	U (0.0017)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.002)	
Xylenes (total)	7900	1000	0.54 J (0.15)	0.0042 J (0.002)	U (0.0017)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0023)	U (0.002)	U (0.0024)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AE09-d	302-AE09-d	302-AE09-d	302-AE09-d	302-AE10-b	302-AE10-b	302-AE10-b	302-AE10-b	302-AF06-a	302-AF06-a	302-AF06-a	302-AF06-a	302-AF06-a	302-AG07-d
Cell	Soil Direct Contact	Soil to	302-AE09	302-AE09	302-AE09	302-AE09	302-AE10	302-AE10	302-AE10	302-AE10	302-AF06	302-AF06	302-AF06	302-AF06	302-AF06	302-AG07
Field Sample ID	Numeric Value	Groundwater	302-AE09-C1-VOC	302-AE09-C2-VOC	302-AE09-C3-VOC	302-AE09-C4-VOC	302-AE10-C1-VOC	302-AE10-C2-VOC	302-AE10-C3-VOC	302-AE10-C4-VOC	302-AF06-C1-VOC	302-AF06-C2-VOC	302-AF06-C3-VOC	302-AF06-C4-VOC	302-AF06-C5-VOC	302-AG07-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.0 - 0.2	0.3 - 0.5	0.6 - 0.8	0.9 - 1.1	0.3 - 0.5	0.9 - 1.1	1.7 - 1.8	2.4 - 2.6	0.3 - 0.5	0.9 - 1.1	2.0 - 2.1	2.7 - 2.9	3.7 - 3.8	0.0 - 0.2
Sample Date	(mg/kg)	(mg/kg)	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022
VOCs																
Benzene	280	0.5	U (0.00051)	U (0.00047)	U (0.00043)	U (0.00052)	U (0.00071)	U (0.00054)	U (0.00062)	0.00021 J (0.00057)	0.00029 J (0.00063)	U (0.00052)	0.2 (0.027)	U (0.12)	U (0.14)	0.0016 (0.00061)
Cumene	10000	2500	U (0.001)	U (0.00094)	U (0.00086)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0011)	0.00029 J (0.0012)	0.00013 J (0.001)	0.044 J (0.054)	2.6 (0.25)	2.6 (0.27)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.00051)	U (0.00047)	U (0.00043)	U (0.00052)	U (0.00071)	U (0.00054)	U (0.00062)	U (0.00057)	U (0.00063)	U (0.00052)	U (0.027)	U (0.12)	U (0.14)	U (0.00061)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.00094)	U (0.00086)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.001)	U (0.054)	U (0.25)	U (0.27)	U (0.0012)
Ethyl Benzene	880	70	U (0.001)	U (0.00094)	U (0.00086)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.001)	0.066 (0.054)	U (0.25)	U (0.27)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0019)	U (0.0017)	U (0.0021)	U (0.0028)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0025)	U (0.0021)	U (0.11)	U (0.5)	U (0.55)	U (0.0024)
Toluene	10000	100	U (0.001)	U (0.00094)	U (0.00086)	U (0.001)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0011)	U (0.0012)	U (0.001)	0.057 (0.054)	U (0.25)	U (0.27)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.0019)	U (0.0017)	U (0.0021)	U (0.0028)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0025)	U (0.0021)	0.063 J (0.11)	U (0.5)	U (0.55)	U (0.0024)
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.0019)	U (0.0017)	U (0.0021)	U (0.0028)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0025)	U (0.0021)	0.016 J (0.11)	U (0.5)	U (0.55)	U (0.0024)
Xylenes (total)	7900	1000	U (0.002)	U (0.0019)	U (0.0017)	U (0.0021)	U (0.0028)	U (0.0022)	U (0.0025)	U (0.0023)	U (0.0025)	U (0.0021)	0.288 J (0.11)	U (0.5)	U (0.55)	U (0.0024)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AG07-d	302-AG07-d	302-AJ09-c	302-AJ09-d	302-AJ09-d	302-AJ09-d	302-AJ09-d	302-AJ09-d	302-AK06-c	302-AK06-c	302-AK06-c	302-AK06-d	302-AL06-b	302-AL06-b	302-AL06-b
Cell	Soil Direct Contact	Soil to	302-AG07	302-AG07	302-AJ09	302-AJ09	302-AJ09	302-AJ09	302-AJ09	302-AJ09	302-AK06	302-AK06	302-AK06	302-AK06	302-AL06	302-AL06	302-AL06
Field Sample ID	Numeric Value	Groundwater	302-AG07-C2-VOC	302-AG07-C3-VOC	302-AJ09-C5-VOC	302-AJ09-C1-VOC	302-AJ09-C2-VOC	302-AJ09-C3-VOC	302-AJ09-C4-VOC	302-AK06-C1-VOC	302-AK06-C3-VOC	302-AK06-C4-VOC	302-AK06-C2-VOC	302-AL06-C1-VOC	302-AL06-C3-VOC	302-AL06-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	0.5 - 0.6	3.4 - 3.5	0.2 - 0.3	0.6 - 0.8	0.9 - 1.1	1.5 - 1.7	0.9 - 1.1	3.5 - 3.7	4.9 - 5.0	2.1 - 2.3	0.3 - 0.5	1.2 - 1.4	1.8 - 2.0	
Sample Date	(mg/kg)	(mg/kg)	6/14/2022	6/14/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	
VOCs																	
Benzene	280	0.5	0.0037 (0.00064)	0.00026 J (0.00055)	0.014 J (0.028)	U (0.00054)	U (0.056)	U (0.028)	U (0.029)	0.00024 J (0.00046)	0.00034 J (0.00042)	0.0011 (0.00047)	0.00026 J (0.00041)	0.00032 J (0.00054)	0.0013 (0.00058)	0.001 (0.00045)	
Cumene	10000	2500	U (0.0013)	U (0.0011)	0.29 (0.055)	U (0.0011)	0.54 (0.11)	0.25 (0.057)	0.11 (0.058)	U (0.00093)	0.0068 (0.00084)	0.00025 J (0.00094)	0.00077 J (0.00082)	0.00022 J (0.0011)	0.00013 J (0.0012)	0.00014 J (0.0009)	
1,2-Dibromoethane	3.7	0.005	U (0.00064)	U (0.00055)	U (0.028)	U (0.00054)	U (0.056)	U (0.028)	U (0.029)	U (0.00046)	U (0.00042)	U (0.00047)	U (0.00041)	U (0.00054)	U (0.00058)	U (0.00045)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0011)	U (0.055)	U (0.0011)	U (0.11)	U (0.057)	U (0.058)	U (0.00093)	U (0.00084)	U (0.00094)	U (0.00082)	U (0.0011)	U (0.0012)	U (0.0009)	
Ethyl Benzene	880	70	U (0.0013)	U (0.0011)	U (0.055)	U (0.0011)	0.043 J (0.11)	0.016 J (0.057)	U (0.058)	U (0.00093)	0.0065 (0.00084)	0.0003 J (0.00094)	0.0012 (0.00082)	0.00015 J (0.0011)	0.00016 J (0.0012)	U (0.0009)	
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.0022)	U (0.11)	U (0.0022)	U (0.22)	U (0.11)	U (0.12)	U (0.0018)	U (0.0017)	U (0.0019)	U (0.0016)	U (0.0021)	U (0.0023)	U (0.0018)	
Toluene	10000	100	U (0.0013)	U (0.0011)	U (0.055)	U (0.0011)	U (0.11)	U (0.057)	U (0.058)	U (0.00093)	0.00074 J (0.00084)	0.00086 J (0.00094)	0.00068 J (0.00082)	U (0.0011)	U (0.0012)	U (0.0009)	
1,2,4-Trimethylbenzene	4700	300	U (0.0025)	U (0.0022)	1.3 (0.11)	U (0.0022)	0.96 (0.22)	0.17 (0.11)	0.068 J (0.12)	U (0.0018)	0.0073 (0.0017)	0.0019 (0.0019)	0.004 (0.0016)	U (0.0021)	0.00049 J (0.0023)	U (0.0018)	
1,3,5-Trimethylbenzene	4700	93	U (0.0025)	U (0.0022)	U (0.11)	U (0.0022)	0.12 J (0.22)	0.026 J (0.11)	U (0.12)	U (0.0018)	0.0011 J (0.0017)	0.00096 J (0.0019)	0.0059 (0.0016)	U (0.0021)	0.00024 J (0.0023)	U (0.0018)	
Xylenes (total)	7900	1000	U (0.0025)	U (0.0022)	U (0.11)	U (0.0022)	0.165 J (0.22)	0.075 J (0.11)	U (0.12)	U (0.0018)	0.014 J (0.0017)	0.00268 J (0.0019)	0.0043 J (0.0016)	U (0.0021)	U (0.0023)	U (0.0018)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AL06-c	302-AL06-d	302-AN02-c	302-AN02-c	302-AN02-c	302-AN02-c	302-AN02-d	302-AN02-d	302-AO03-a	302-AO03-c	302-AO03-c	302-AO03-d	302-AQ02-b	302-AQ02-b	302-AQ02-c
Cell	Soil Direct Contact	Soil to	302-AL06	302-AL06	302-AN02	302-AN02	302-AN02	302-AN02	302-AN02	302-AN02	302-AO03	302-AO03	302-AO03	302-AO03	302-AQ02	302-AQ02	302-AQ02
Field Sample ID	Numeric Value	Groundwater	302-AL06-C2-VOC	302-AL06-C5-VOC	302-AN02-C1-VOC	302-AN02-C2-VOC	302-AN02-C3-VOC	302-AN02-C4-VOC	302-AN02-C5-VOC	302-AO03-C1-VOC	302-AO03-C2-VOC	302-AO03-C3-VOC	302-AO03-C4-VOC	302-AQ02-C1-VOC	302-AQ02-C5-VOC	302-AQ02-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	2.0 - 2.1	0.2 - 0.3	0.6 - 0.8	1.2 - 1.4	2.0 - 2.1	2.3 - 2.4	0.0 - 0.2	1.5 - 1.7	2.9 - 3.0	4.4 - 4.6	0.2 - 0.3	1.7 - 1.8	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	6/7/2022	6/7/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/15/2022	6/15/2022	6/15/2022
VOCs																	
Benzene	280	0.5	0.0011 (0.0005)	U (0.00054)	0.00021 J (0.00049)	U (0.29)	0.00024 J (0.00042)	U (0.029)	U (0.0005)	U (0.00048)	0.0029 (0.00046)	0.06 (0.028)	U (0.00046)	U (0.00059)	U (0.034)	U (0.00054)	
Cumene	10000	2500	0.00045 J (0.001)	0.0005 J (0.0011)	0.00069 J (0.00099)	1.3 (0.58)	0.0021 (0.00085)	0.014 J (0.057)	0.00011 J (0.00099)	0.0003 J (0.00096)	0.00016 J (0.00091)	1.9 (0.057)	U (0.00092)	U (0.0012)	0.33 (0.068)	0.00019 J (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.0005)	U (0.00054)	U (0.00049)	U (0.29)	U (0.00042)	U (0.029)	U (0.0005)	U (0.00048)	U (0.00046)	U (0.028)	U (0.00046)	U (0.00059)	U (0.034)	U (0.00054)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0011)	U (0.00099)	U (0.58)	U (0.00085)	U (0.057)	U (0.00099)	U (0.00096)	U (0.00091)	U (0.057)	U (0.00092)	U (0.0012)	U (0.068)	U (0.0011)	
Ethyl Benzene	880	70	0.00036 J (0.001)	U (0.0011)	U (0.00099)	0.62 (0.58)	0.002 (0.00085)	U (0.057)	U (0.00099)	0.00023 J (0.00096)	U (0.00091)	3.2 (0.057)	U (0.00092)	U (0.0012)	0.14 (0.068)	U (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0022)	U (0.002)	U (1.2)	0.00017 J (0.0017)	U (0.11)	U (0.002)	U (0.0019)	U (0.0018)	U (0.11)	U (0.0018)	0.00029 J (0.0024)	U (0.14)	0.00048 J (0.0022)	
Toluene	10000	100	0.00092 J (0.001)	U (0.0011)	U (0.00099)	U (0.58)	U (0.00085)	U (0.057)	U (0.00099)	U (0.00096)	U (0.00091)	0.068 (0.057)	U (0.00092)	U (0.0012)	U (0.068)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	0.00037 J (0.002)	U (0.0022)	U (0.002)	28 (1.2)	0.0069 (0.0017)	U (0.11)	U (0.002)	0.0019 (0.0019)	U (0.0018)	17 (0.11)	U (0.0018)	U (0.0024)	4.8 (0.14)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.0022)	U (0.002)	14 (1.2)	0.0054 (0.0017)	U (0.11)	U (0.002)	0.0021 (0.0019)	0.00026 J (0.0018)	6.7 (0.11)	U (0.0018)	U (0.0024)	2.4 (0.14)	U (0.0022)	
Xylenes (total)	7900	1000	0.00128 J (0.002)	U (0.0022)	U (0.002)	1.49 J (1.2)	0.001415 J (0.0017)	U (0.11)	U (0.002)	0.00106 J (0.0019)	U (0.0018)	7.3 J (0.11)	U (0.0018)	U (0.0024)	0.133 J (0.14)	U (0.0022)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AQ02-c	302-AQ02-c	302-AR02-b	302-AR02-b	302-AR02-b	302-AR02-b	302-AR02-b	302-AS03-d	302-AS03-d	302-AS03-d	302-AV01-a	302-AV01-a	302-AV01-a	302-AV03-d	302-AV03-d
Cell	Soil Direct Contact	Soil to	302-AQ02	302-AQ02	302-AR02	302-AR02	302-AR02	302-AR02	302-AR02	302-AS03	302-AS03	302-AS03	302-AV01	302-AV01	302-AV01	302-AV03	302-AV03
Field Sample ID	Numeric Value	Groundwater	302-AQ02-C3-VOC	302-AQ02-C4-VOC	302-AR02-C1-VOC	302-AR02-C2-VOC	302-AR02-C3-VOC	302-AR02-C4-VOC	302-AR02-C4-VOC	302-AS03-C1-VOC	302-AS03-C2-VOC	302-AS03-C3-VOC	302-AV01-C1-VOC	302-AV01-C2-VOC	302-AV01-C3-VOC	302-AV03-C1-VOC	302-AV03-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.4 - 2.6	3.7 - 3.8	0.5 - 0.6	0.8 - 0.9	1.4 - 1.5	2.1 - 2.3	0.6 - 0.8	0.9 - 1.1	1.8 - 2.0	0.0 - 0.2	0.6 - 0.8	1.2 - 1.4	0.3 - 0.5	0.8 - 0.9	
Sample Date	(mg/kg)	(mg/kg)	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/14/2022	6/14/2022
VOCs																	
Benzene	280	0.5	0.013 J (0.03)	0.00099 (0.00048)	U (0.00071)	0.085 (0.033)	0.12 (0.077)	0.095 (0.064)	U (0.00096)	U (0.00055)	U (0.03)	U (0.0007)	U (0.0008)	U (0.0011)	U (0.00066)	0.00021 J (0.00046)	
Cumene	10000	2500	0.14 (0.06)	0.066 (0.00096)	0.0017 (0.0014)	1.4 (0.067)	8.3 (0.15)	6.6 (0.13)	U (0.0019)	0.00016 J (0.0011)	0.095 (0.06)	0.00046 J (0.0014)	0.00068 J (0.0016)	0.0043 (0.0021)	0.00042 J (0.0013)	0.001 (0.00092)	
1,2-Dibromoethane	3.7	0.005	U (0.03)	U (0.00048)	U (0.00071)	U (0.033)	U (0.077)	U (0.064)	U (0.00096)	U (0.00055)	U (0.03)	U (0.0007)	U (0.0008)	U (0.0011)	U (0.00066)	U (0.00046)	
1,2-Dichloroethane	85	0.5	U (0.06)	U (0.00096)	U (0.0014)	U (0.067)	U (0.15)	U (0.13)	U (0.0019)	U (0.0011)	U (0.06)	U (0.0014)	U (0.0016)	U (0.0021)	U (0.0013)	U (0.00092)	
Ethyl Benzene	880	70	0.086 (0.06)	0.002 (0.00096)	0.00032 J (0.0014)	0.14 (0.067)	0.16 (0.15)	0.93 (0.13)	U (0.0019)	U (0.0011)	0.012 J (0.06)	U (0.0014)	U (0.0016)	U (0.0021)	0.00041 J (0.0013)	0.0017 (0.00092)	
Methyl tert-butyl ether	8500	2	U (0.12)	0.00025 J (0.0019)	U (0.0028)	0.013 J (0.13)	U (0.31)	0.031 J (0.25)	U (0.0038)	U (0.0022)	U (0.12)	U (0.0028)	U (0.0032)	U (0.0043)	U (0.0026)	U (0.0018)	
Toluene	10000	100	U (0.06)	0.0018 (0.00096)	U (0.0014)	0.041 J (0.067)	0.15 (0.15)	0.1 J (0.13)	U (0.0019)	U (0.0011)	U (0.06)	U (0.0014)	U (0.0016)	U (0.0021)	U (0.0013)	U (0.00092)	
1,2,4-Trimethylbenzene	4700	300	0.62 (0.12)	0.0078 (0.0019)	0.002 J (0.0028)	4.5 (0.13)	0.27 J (0.31)	9.9 (0.25)	U (0.0038)	U (0.0022)	0.48 (0.12)	0.00088 J (0.0028)	0.0012 J (0.0032)	0.012 (0.0043)	0.00093 J (0.0026)	0.027 (0.0018)	
1,3,5-Trimethylbenzene	4700	93	0.68 (0.12)	0.00033 J (0.0019)	0.00058 J (0.0028)	0.35 (0.13)	0.042 J (0.31)	2.8 (0.25)	U (0.0038)	U (0.0022)	0.34 (0.12)	0.0007 J (0.0028)	U (0.0032)	0.002 J (0.0043)	0.0013 J (0.0026)	0.0082 (0.0018)	
Xylenes (total)	7900	1000	0.215 J (0.12)	0.0047 J (0.0019)	U (0.0028)	0.199 J (0.13)	0.46 J (0.31)	3.12 J (0.25)	U (0.0038)	U (0.0022)	U (0.12)	U (0.0028)	U (0.0032)	0.0076 J (0.0043)	U (0.0026)	0.0039 J (0.0018)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AV03-d	302-AV03-d	302-AW01-a	302-AW01-b	302-AW01-b	302-AW01-b	302-AW03-a	302-AW03-b	302-AW03-b	302-AW03-c	302-AW03-d	302-AX01-a	302-AX01-a	302-AX01-b	302-AX01-c
Cell	Soil Direct Contact	Soil to	302-AV03	302-AV03	302-AW01	302-AW01	302-AW01	302-AW01	302-AW03	302-AW03	302-AW03	302-AW03	302-AW03	302-AX01	302-AX01	302-AX01	302-AX01
Field Sample ID	Numeric Value	Groundwater	302-AV03-C3-VOC	302-AV03-C4-VOC	302-AW01-C1-VOC	302-AW01-C2-VOC	302-AW01-C3-VOC	302-AW03-C3-VOC	302-AW03-C4-VOC	302-AW03-C5-VOC	302-AW03-C2-VOC	302-AW03-C1-VOC	302-AX01-C2-VOC	302-AX01-C3-VOC	302-AX01-C4-VOC	302-AX01-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.0 - 2.1	0.6 - 0.8	1.5 - 1.7	2.3 - 2.4	1.4 - 1.5	0.8 - 0.9	0.9 - 1.1	0.6 - 0.8	0.3 - 0.5	1.4 - 1.5	2.1 - 2.3	2.3 - 2.4	0.3 - 0.5	
Sample Date	(mg/kg)	(mg/kg)	6/14/2022	6/14/2022	6/15/2022	6/15/2022	6/15/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	
VOCs																	
Benzene	280	0.5	0.002 (0.00048)	0.00068 (0.00048)	U (0.0007)	U (0.00079)	U (0.00071)	U (0.00045)	U (0.00041)	U (0.0004)	U (0.053)	0.0031 (0.00048)	U (0.0012)	U (0.0012)	U (0.0013)	0.023 J (0.048)	
Cumene	10000	2500	0.016 (0.00095)	0.0035 (0.00097)	0.00088 J (0.0014)	0.0037 (0.0016)	0.0043 (0.0014)	U (0.00089)	0.00011 J (0.00082)	0.00019 J (0.0008)	0.06 J (0.1)	0.0011 (0.00095)	U (0.0024)	0.00038 J (0.0023)	0.00057 J (0.0025)	U (0.096)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00048)	U (0.0007)	U (0.00079)	U (0.00071)	U (0.00045)	U (0.00041)	U (0.0004)	U (0.053)	U (0.00048)	U (0.0012)	U (0.0012)	U (0.0013)	U (0.048)	
1,2-Dichloroethane	85	0.5	U (0.00095)	U (0.00097)	U (0.0014)	U (0.0016)	U (0.0014)	U (0.00089)	U (0.00082)	U (0.0008)	U (0.1)	U (0.00095)	U (0.0024)	U (0.0023)	U (0.0025)	U (0.096)	
Ethyl Benzene	880	70	0.026 (0.00095)	0.0054 (0.00097)	0.00026 J (0.0014)	0.00025 J (0.0016)	0.00038 J (0.0014)	0.00025 J (0.00089)	U (0.00082)	0.00011 J (0.0008)	U (0.1)	0.015 (0.00095)	U (0.0024)	U (0.0023)	U (0.0025)	0.037 J (0.096)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0019)	U (0.0028)	U (0.0032)	U (0.0028)	U (0.0018)	U (0.0016)	U (0.0016)	U (0.21)	U (0.0019)	U (0.0048)	U (0.0047)	U (0.0051)	U (0.19)	
Toluene	10000	100	0.01 (0.00095)	0.0016 (0.00097)	U (0.0014)	0.00087 J (0.0016)	0.0014 (0.0014)	U (0.00089)	U (0.00082)	U (0.0008)	U (0.1)	U (0.00095)	U (0.0024)	U (0.0023)	U (0.0025)	0.39 (0.096)	
1,2,4-Trimethylbenzene	4700	300	0.26 (0.0019)	0.054 (0.0019)	0.0036 (0.0028)	0.0027 J (0.0032)	0.0047 (0.0028)	U (0.0018)	U (0.0016)	U (0.0016)	1.2 (0.21)	0.12 (0.0019)	U (0.0048)	0.0011 J (0.0047)	0.0012 J (0.0051)	0.049 J (0.19)	
1,3,5-Trimethylbenzene	4700	93	0.075 (0.0019)	0.016 (0.0019)	0.0036 (0.0028)	0.0013 J (0.0032)	0.0041 (0.0028)	U (0.0018)	U (0.0016)	U (0.0016)	0.98 (0.21)	0.043 (0.0019)	U (0.0048)	0.00074 J (0.0047)	0.0007 J (0.0051)	U (0.19)	
Xylenes (total)	7900	1000	0.127 J (0.0019)	0.024 J (0.0019)	0.00178 J (0.0028)	0.00212 J (0.0032)	0.0043 J (0.0028)	U (0.0018)	U (0.0016)	U (0.0016)	U (0.21)	0.08 J (0.0019)	U (0.0048)	0.00309 J (0.0047)	0.00385 J (0.0051)	0.126 J (0.19)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AX04-a	302-AX04-a	302-AX04-a	302-AX04-a	302-AX04-a	302-AX04-a	302-AX05-d	302-AX05-d	302-AX05-d	302-AX05-d	302-AY06-b	302-AY06-b	302-AY06-b	302-AY06-d	302-AZ05-a
Cell	Soil Direct Contact	Soil to	302-AX04	302-AX04	302-AX04	302-AX04	302-AX04	302-AX04	302-AX05	302-AX05	302-AX05	302-AX05	302-AY06	302-AY06	302-AY06	302-AY06	302-AZ05
Field Sample ID	Numeric Value	Groundwater	302-AX04-C1-VOC	302-AX04-C2-VOC	302-AX04-C3-VOC	302-AX04-C4-VOC	302-AX04-C5-VOC	302-AX05-C1-VOC	302-AX05-C2-VOC	302-AX05-C3-VOC	302-AX05-C4-VOC	302-AY06-C2-VOC	302-AY06-C3-VOC	302-AY06-C4-VOC	302-AY06-C1-VOC	302-AZ05-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.4 - 1.5	2.3 - 2.4	4.0 - 4.1	4.9 - 5.0	0.3 - 0.5	0.8 - 0.9	1.2 - 1.4	1.7 - 1.8	0.8 - 0.9	1.2 - 1.4	1.8 - 2.0	0.3 - 0.5	2.6 - 2.7	
Sample Date	(mg/kg)	(mg/kg)	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	
VOCs																	
Benzene	280	0.5	0.00059 (0.00059)	U (0.00056)	U (0.00047)	U (0.00054)	U (0.00052)	3.5 (0.28)	0.82 (0.031)	0.65 (0.082)	0.03 (0.0005)	U (0.0005)	0.00018 J (0.00054)	0.00016 J (0.00049)	U (0.00045)	U (0.029)	
Cumene	10000	2500	0.0023 (0.0012)	U (0.0011)	U (0.00095)	0.00026 J (0.0011)	U (0.001)	15 (0.56)	0.99 (0.061)	0.11 J (0.16)	0.0036 (0.001)	0.056 (0.00099)	0.32 (0.0011)	0.012 (0.00097)	0.0048 (0.0009)	0.027 J (0.058)	
1,2-Dibromoethane	3.7	0.005	U (0.00059)	U (0.00056)	U (0.00047)	U (0.00054)	U (0.00052)	U (0.28)	U (0.031)	U (0.00055)	U (0.0005)	U (0.0005)	U (0.00054)	U (0.00049)	U (0.00045)	U (0.029)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0011)	U (0.00095)	U (0.0011)	U (0.001)	U (0.56)	U (0.061)	U (0.0011)	U (0.001)	U (0.00099)	U (0.0011)	U (0.00097)	U (0.0009)	U (0.058)	
Ethyl Benzene	880	70	0.0024 (0.0012)	U (0.0011)	U (0.00095)	U (0.0011)	U (0.001)	110 (0.56)	12 (0.061)	5.2 (0.16)	0.21 (0.001)	0.0011 (0.00099)	0.0054 (0.0011)	U (0.00097)	0.0026 (0.0009)	0.0095 J (0.058)	
Methyl tert-butyl ether	8500	2	U (0.0024)	U (0.0022)	U (0.0019)	U (0.0022)	U (0.0021)	U (1.1)	U (0.12)	U (0.0022)	U (0.002)	U (0.002)	U (0.0022)	U (0.0019)	U (0.0018)	U (0.12)	
Toluene	10000	100	0.00086 J (0.0012)	U (0.0011)	U (0.00095)	U (0.0011)	U (0.001)	11 (0.56)	0.17 (0.061)	0.0062 (0.0011)	0.0019 (0.001)	U (0.00099)	0.0009 J (0.0011)	U (0.00097)	U (0.0009)	U (0.058)	
1,2,4-Trimethylbenzene	4700	300	0.02 (0.0024)	U (0.0022)	U (0.0019)	U (0.0022)	U (0.0021)	260 (11)	19 (1.2)	6.6 (0.33)	0.029 (0.002)	0.0032 (0.002)	U (0.0022)	U (0.0019)	0.0013 J (0.0018)	0.023 J (0.12)	
1,3,5-Trimethylbenzene	4700	93	0.0009 J (0.0024)	U (0.0022)	U (0.0019)	U (0.0022)	U (0.0021)	92 (1.1)	8 (0.12)	0.096 J (0.33)	0.0033 (0.002)	U (0.002)	U (0.0022)	U (0.0019)	0.00022 J (0.0018)	U (0.12)	
Xylenes (total)	7900	1000	0.0044 J (0.0024)	U (0.0022)	U (0.0019)	U (0.0022)	U (0.0021)	590 J (11)	47.2 J (1.2)	0.675 J (0.33)	0.0152 J (0.002)	0.0023 J (0.002)	0.00355 J (0.0022)	0.00174 J (0.0019)	0.00128 J (0.0018)	U (0.12)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AZ05-b	302-AZ05-c	302-AZ05-d	302-BA05-a	302-BA05-b	302-BA05-c	302-BA05-c	302-BB06-b	302-BB06-b	302-BB06-b	302-BB06-b	302-BC05-a	302-BC05-b	302-BC05-c
Cell	Soil Direct Contact	Soil to	302-AZ05	302-AZ05	302-AZ05	302-BA05	302-BA05	302-BA05	302-BA05	302-BB06	302-BB06	302-BB06	302-BB06	302-BC05	302-BC05	302-BC05
Field Sample ID	Numeric Value	Groundwater	302-AZ05-C2-VOC	302-AZ05-C4-VOC	302-AZ05-C1-VOC	302-BA05-C3-VOC	302-BA05-C2-VOC	302-BA05-C1-VOC	302-BA05-C4-VOC	302-BB06-C1-VOC	302-BB06-C2-VOC	302-BB06-C3-VOC	302-BB06-C4-VOC	302-BC05-C3-VOC	302-BC05-C1-VOC	302-BC05-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.7 - 1.8	1.7 - 1.8	0.3 - 0.5	2.1 - 2.3	1.1 - 1.2	0.6 - 0.8	4.4 - 4.6	0.9 - 1.1	1.4 - 1.5	2.7 - 2.9	4.1 - 4.3	2.3 - 2.4	0.2 - 0.3	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022
VOCs																
Benzene	280	0.5	U (0.00052)	U (0.031)	U (0.00055)	U (0.00056)	U (0.00048)	U (0.00054)	U (0.00053)	U (0.00056)	U (0.00049)	U (0.00049)	U (0.00055)	U (0.00054)	U (0.00048)	U (0.00044)
Cumene	10000	2500	U (0.001)	0.1 (0.062)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0011)	U (0.001)	U (0.0011)	U (0.00097)	U (0.00097)	U (0.0011)	U (0.0011)	0.0002 J (0.00097)	U (0.00088)
1,2-Dibromoethane	3.7	0.005	U (0.00052)	U (0.031)	U (0.00055)	U (0.00056)	U (0.00048)	U (0.00054)	U (0.00053)	U (0.00056)	U (0.00049)	U (0.00049)	U (0.00055)	U (0.00054)	U (0.00048)	U (0.00044)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.062)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0011)	U (0.001)	U (0.0011)	U (0.00097)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00088)
Ethyl Benzene	880	70	U (0.001)	0.038 J (0.062)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0011)	U (0.001)	U (0.0011)	U (0.00097)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00088)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.12)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0022)	U (0.0021)	U (0.0022)	U (0.0019)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0018)
Toluene	10000	100	U (0.001)	U (0.062)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0011)	U (0.001)	U (0.0011)	U (0.00097)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.00097)	U (0.00088)
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	6.2 (0.12)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0022)	U (0.0021)	U (0.0022)	U (0.0019)	0.0005 J (0.0019)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0018)
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	1.5 (0.12)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0022)	U (0.0021)	U (0.0022)	U (0.0019)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0018)
Xylenes (total)	7900	1000	U (0.0021)	0.113 J (0.12)	U (0.0022)	U (0.0023)	U (0.0019)	U (0.0022)	U (0.0021)	U (0.0022)	U (0.0019)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0019)	U (0.0018)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-BC05-d	302-BC05-d	302-BD05-b	302-BD05-c	302-BD05-c	302-BD05-c	302-BD05-c	302-BE04-d	303-AY01-c	303-AY01-c	303-AY01-c	303-AZ01-a	303-AZ01-a	303-AZ01-a	303-BA01-a
Cell	Soil Direct Contact	Soil to	302-BC05	302-BC05	302-BD05	302-BD05	302-BD05	302-BD05	302-BD05	302-BE04	303-AY01	303-AY01	303-AY01	303-AZ01	303-AZ01	303-AZ01	303-BA01
Field Sample ID	Numeric Value	Groundwater	302-BC05-C4-VOC	302-BC05-C5-VOC	302-BD05-C1-VOC	302-BD05-C2-VOC	302-BD05-C3-VOC	302-BD05-C4-VOC	302-BE04-C1-VOC	303-AY01-C1-VOC	303-AY01-C2-VOC	303-AY01-C3-VOC	303-AY01-C3-VOC	303-AZ01-C1-VOC	303-AZ01-C2-VOC	303-AZ01-C3-VOC	303-BA01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	1.4 - 1.5	0.5 - 0.6	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	0.3 - 0.5	0.3 - 0.5	1.1 - 1.2	2.0 - 2.1	0.9 - 1.1	2.3 - 2.4	3.7 - 3.8	0.3 - 0.5	
Sample Date	(mg/kg)	(mg/kg)	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/21/2022	6/21/2022	6/21/2022	6/22/2022
VOCs																	
Benzene	280	0.5	0.00033 J (0.00053)	0.00025 J (0.00058)	U (0.00049)	0.049 (0.04)	0.24 (0.029)	1.1 (0.031)	U (0.00048)	U (0.00062)	0.00031 J (0.00074)	U (0.0012)	U (0.00084)	U (0.00088)	U (0.00073)	0.47 J (0.63)	
Cumene	10000	2500	0.00024 J (0.001)	U (0.0012)	0.00024 J (0.00098)	3.1 (0.079)	1.1 (0.058)	1.6 (0.062)	U (0.00097)	0.00048 J (0.0012)	0.00055 J (0.0015)	0.00031 J (0.0025)	0.00026 J (0.0017)	U (0.0018)	U (0.0015)	420 (2.5)	
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.00058)	U (0.00049)	U (0.04)	U (0.029)	U (0.031)	U (0.00048)	U (0.00062)	U (0.00074)	U (0.0012)	U (0.00084)	U (0.00088)	U (0.00073)	U (0.63)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0012)	U (0.00098)	U (0.079)	U (0.058)	U (0.062)	U (0.00097)	U (0.0012)	U (0.0015)	U (0.0025)	U (0.0017)	U (0.0018)	U (0.0015)	U (1.3)	
Ethyl Benzene	880	70	U (0.001)	U (0.0012)	U (0.00098)	1.1 (0.079)	0.4 (0.058)	3.6 (0.062)	U (0.00097)	0.00028 J (0.0012)	0.00051 J (0.0015)	U (0.0025)	U (0.0017)	U (0.0018)	U (0.0015)	U (1.3)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0023)	U (0.002)	U (0.16)	U (0.12)	U (0.12)	U (0.0019)	U (0.0025)	U (0.0029)	U (0.005)	U (0.0033)	U (0.0035)	U (0.0029)	U (2.5)	
Toluene	10000	100	U (0.001)	U (0.0012)	U (0.00098)	0.098 (0.079)	0.099 (0.058)	0.54 (0.062)	U (0.00097)	U (0.0012)	0.0013 J (0.0015)	U (0.0025)	U (0.0017)	U (0.0018)	U (0.0015)	U (1.3)	
1,2,4-Trimethylbenzene	4700	300	0.00065 J (0.0021)	0.0012 J (0.0023)	U (0.002)	49 (1.6)	4.4 (0.12)	11 (0.12)	U (0.0019)	0.0051 (0.0025)	0.0025 J (0.0029)	0.001 J (0.005)	0.0029 J (0.0033)	0.00065 J (0.0035)	U (0.0029)	U (2.5)	
1,3,5-Trimethylbenzene	4700	93	0.00032 J (0.0021)	0.00059 J (0.0023)	U (0.002)	15 (0.16)	1.3 (0.12)	4 (0.12)	U (0.0019)	0.00072 J (0.0025)	0.0012 J (0.0029)	0.00058 J (0.005)	0.00089 J (0.0033)	0.00043 J (0.0035)	U (0.0029)	U (2.5)	
Xylenes (total)	7900	1000	U (0.0021)	U (0.0023)	U (0.002)	1.46 J (0.16)	0.57 J (0.12)	6.78 J (0.12)	U (0.0019)	0.00217 J (0.0025)	0.0025 J (0.0029)	0.0037 J (0.005)	0.003 J (0.0033)	0.00238 J (0.0035)	U (0.0029)	U (2.5)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BA01-a	303-BA02-b	303-BB01-c	303-BB02-a	303-BB02-a	303-BB02-a	303-BB02-a	303-BC01-a	303-BC01-a	303-BD01-b	303-BD01-b	303-BD04-d	303-BD04-d	303-BE01-d	303-BE01-d
Cell	Soil Direct Contact	Soil to	303-BA01	303-BA02	303-BB01	303-BB02	303-BB02	303-BB02	303-BB02	303-BC01	303-BC01	303-BD01	303-BD01	303-BD04	303-BD04	303-BE01	303-BE01
Field Sample ID	Numeric Value	Groundwater	303-BA01-C2-VOC	303-BA02-C1-VOC	303-BB01-C1-VOC	303-BB02-C1-VOC	303-BB02-C2-VOC	303-BB02-C3-VOC	303-BC01-C1-VOC	303-BC01-C2-VOC	303-BD01-C1-VOC	303-BD01-C2-VOC	303-BD04-C1-VOC	303-BD04-C2-VOC	303-BE01-C1-VOC	303-BE01-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.8 - 2.0	0.3 - 0.5	0.0 - 0.2	0.3 - 0.5	0.6 - 0.8	1.2 - 1.4	0.6 - 0.8	1.1 - 1.2	0.6 - 0.8	1.8 - 2.0	0.2 - 0.3	0.5 - 0.6	0.6 - 0.8	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	6/22/2022	6/21/2022	6/23/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/17/2022	6/17/2022	6/20/2022	6/20/2022	6/24/2022	6/24/2022	
VOCs																	
Benzene	280	0.5	U (0.0007)	U (0.00077)	U (0.00057)	0.0056 (0.0007)	0.2 (0.078)	0.5 (0.03)	U (0.00075)	0.0028 (0.00082)	0.0013 (0.00062)	0.0017 (0.00077)	U (0.0006)	0.00032 J (0.00079)	U (0.00056)	0.00021 J (0.0006)	
Cumene	10000	2500	0.0011 J (0.0014)	0.0025 (0.0015)	U (0.0011)	0.0041 (0.0014)	7.2 (0.078)	2 (0.06)	0.0021 (0.0015)	0.0063 (0.0016)	0.013 (0.0012)	0.0046 (0.0015)	U (0.0012)	U (0.0014)	U (0.0011)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.0007)	U (0.00077)	U (0.00057)	U (0.0007)	U (0.039)	U (0.03)	U (0.00075)	U (0.00082)	U (0.00062)	U (0.00077)	U (0.0006)	U (0.00072)	U (0.00056)	U (0.0006)	
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.0015)	U (0.0011)	U (0.0014)	U (0.078)	U (0.06)	U (0.0015)	U (0.0016)	U (0.0012)	U (0.0015)	U (0.0012)	U (0.0014)	U (0.0011)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0014)	0.00042 J (0.0015)	U (0.0011)	0.013 (0.0014)	0.96 (0.16)	0.46 (0.06)	U (0.0015)	0.013 (0.0016)	0.0011 J (0.0012)	0.00052 J (0.0015)	U (0.0012)	0.0003 J (0.0016)	U (0.0011)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0028)	U (0.0031)	U (0.0023)	U (0.0028)	U (0.16)	U (0.12)	U (0.003)	U (0.0033)	U (0.0025)	U (0.0031)	U (0.0024)	U (0.0029)	U (0.0022)	U (0.0024)	
Toluene	10000	100	U (0.0014)	U (0.0015)	U (0.0011)	0.012 (0.0014)	0.84 (0.16)	0.86 (0.06)	U (0.0015)	0.0095 (0.0016)	0.0023 (0.0012)	0.0017 (0.0015)	U (0.0012)	0.0015 J (0.0016)	U (0.0011)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0028)	0.0016 J (0.0031)	U (0.0023)	0.015 (0.0028)	0.7 (0.31)	0.38 (0.12)	0.00054 J (0.003)	0.039 (0.0033)	0.027 (0.0025)	0.0054 (0.0031)	U (0.0024)	0.00058 J (0.0032)	U (0.0022)	0.0012 J (0.0024)	
1,3,5-Trimethylbenzene	4700	93	U (0.0028)	0.0031 (0.0031)	U (0.0023)	0.005 (0.0028)	0.15 J (0.31)	0.11 J (0.12)	U (0.003)	0.02 (0.0033)	0.014 (0.0025)	0.003 J (0.0031)	U (0.0024)	0.00038 J (0.0032)	U (0.0022)	U (0.0024)	
Xylenes (total)	7900	1000	U (0.0028)	0.00225 J (0.0031)	U (0.0023)	0.0201 J (0.0028)	4.14 J (0.31)	2.26 J (0.12)	0.00202 J (0.003)	0.0422 J (0.0033)	0.0165 J (0.0025)	0.0059 J (0.0031)	U (0.0024)	0.00229 J (0.0032)	U (0.0022)	U (0.0024)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BE03-b	303-BE03-b	303-BF01-a	303-BF01-a	303-BF05-d	303-BF05-d	303-BF05-d	303-BF05-d	303-BF05-d	303-BG01-b	303-BG04-d	303-BG04-d	303-BG04-d	303-BG04-d	303-BH01-d
Cell	Soil Direct Contact	Soil to	303-BE03	303-BE03	303-BF01	303-BF01	303-BF05	303-BF05	303-BF05	303-BF05	303-BF05	303-BG01	303-BG04	303-BG04	303-BG04	303-BG04	303-BH01
Field Sample ID	Numeric Value	Groundwater	303-BE03-C1-VOC	303-BE03-C2-VOC	303-BF01-C1-VOC	303-BF01-C2-VOC	303-BF05-C1-VOC	303-BF05-C2-VOC	303-BF05-C3-VOC	303-BF05-C4-VOC	303-BF05-C4-VOC	303-BG01-C1-VOC	303-BG04-C1-VOC	303-BG04-C2-VOC	303-BG04-C3-VOC	303-BG04-C4-VOC	303-BH01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	0.5 - 0.6	0.3 - 0.5	0.8 - 0.9	0.5 - 0.6	0.9 - 1.1	1.8 - 2.0	2.1 - 2.3	0.6 - 0.8	0.6 - 0.8	0.9 - 1.1	1.8 - 2.0	2.7 - 2.9	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	6/20/2022	6/20/2022	6/24/2022	6/24/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/24/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/23/2022	
VOCs																	
Benzene	280	0.5	0.00031 J (0.00044)	U (0.00089)	U (0.032)	0.14 (0.027)	0.00026 J (0.00076)	U (0.00089)	U (0.0009)	U (0.00087)	U (0.00063)	U (0.00055)	0.00025 J (0.0005)	U (0.00074)	U (0.00085)	U (0.0005)	
Cumene	10000	2500	U (0.00089)	0.0011 J (0.002)	3.2 (0.063)	3.6 (0.054)	0.00029 J (0.0017)	0.00035 J (0.0018)	0.0028 (0.0018)	0.0011 J (0.002)	U (0.0013)	U (0.0011)	U (0.001)	U (0.0015)	U (0.0017)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00044)	U (0.00089)	U (0.032)	U (0.027)	U (0.00076)	U (0.00089)	U (0.0009)	U (0.00087)	U (0.00063)	U (0.00055)	U (0.0005)	U (0.00074)	U (0.00085)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.00089)	U (0.0018)	U (0.063)	U (0.054)	U (0.0015)	U (0.0018)	U (0.0018)	U (0.0017)	U (0.0013)	U (0.0011)	U (0.001)	U (0.0015)	U (0.0017)	U (0.001)	
Ethyl Benzene	880	70	U (0.00089)	0.00031 J (0.002)	0.012 J (0.063)	0.019 J (0.054)	0.00034 J (0.0015)	U (0.0018)	U (0.0018)	0.00041 J (0.0017)	0.00023 J (0.0013)	U (0.0011)	U (0.001)	U (0.0015)	U (0.0017)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0036)	U (0.13)	U (0.11)	U (0.003)	U (0.0036)	U (0.0036)	U (0.0035)	0.00029 J (0.0025)	U (0.0022)	U (0.002)	U (0.003)	U (0.0034)	U (0.002)	
Toluene	10000	100	0.00068 J (0.00089)	U (0.0018)	U (0.063)	0.041 J (0.054)	0.0016 J (0.0017)	U (0.0018)	0.001 J (0.0018)	U (0.0017)	0.00075 J (0.0013)	U (0.0011)	U (0.001)	U (0.0015)	U (0.0017)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	0.0057 (0.004)	U (0.13)	U (0.11)	0.0012 J (0.003)	0.0015 J (0.0036)	0.0064 (0.0036)	0.0074 (0.0035)	0.0014 J (0.0025)	U (0.0022)	U (0.002)	U (0.003)	U (0.0034)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	0.0044 (0.004)	U (0.13)	U (0.11)	0.00094 J (0.003)	0.0015 J (0.0036)	0.0038 (0.0036)	0.0038 J (0.004)	0.00028 J (0.0025)	U (0.0022)	U (0.002)	U (0.003)	U (0.0034)	U (0.002)	
Xylenes (total)	7900	1000	0.00104 J (0.0018)	0.0046 J (0.004)	0.083 J (0.13)	0.075 J (0.11)	0.0023 J (0.003)	0.0028 J (0.0036)	0.005 J (0.0036)	0.0055 J (0.0035)	U (0.0025)	U (0.0022)	U (0.002)	U (0.003)	U (0.0034)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BH02-c	303-BH02-c	303-BH02-c	303-BH02-c	303-BH02-c	303-BH02-c	303-BI01-b	303-BI01-b	303-BI03-a	303-BI03-a	303-BI03-a	303-BI03-a	303-BJ01-a	303-BJ01-a	303-BJ02-b
Cell	Soil Direct Contact	Soil to	303-BH02	303-BH02	303-BH02	303-BH02	303-BH02	303-BH02	303-BI01	303-BI01	303-BI03	303-BI03	303-BI03	303-BI03	303-BJ01	303-BJ01	303-BJ02
Field Sample ID	Numeric Value	Groundwater	303-BH02-C1-VOC	303-BH02-C2-VOC	303-BH02-C3-VOC	303-BH02-C4-VOC	303-BH02-C5-VOC	303-BI01-C1-VOC	303-BI01-C2-VOC	303-BI03-C1-VOC	303-BI03-C2-VOC	303-BI03-C3-VOC	303-BI03-C4-VOC	303-BJ01-C1-VOC	303-BJ01-C2-VOC	303-BJ02-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	1.2 - 1.4	2.3 - 2.4	3.4 - 3.5	5.0 - 5.2	0.5 - 0.6	1.4 - 1.5	0.3 - 0.5	0.8 - 0.9	1.5 - 1.7	2.1 - 2.3	0.5 - 0.6	2.0 - 2.1	1.1 - 1.2	
Sample Date	(mg/kg)	(mg/kg)	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/23/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/23/2022	6/23/2022	6/17/2022	
VOCs																	
Benzene	280	0.5	0.00047 J (0.00086)	U (0.00071)	U (0.00082)	U (0.00088)	U (0.001)	U (0.00053)	U (0.00054)	U (0.00089)	0.00058 J (0.00076)	0.077 (0.072)	0.0021 (0.00061)	0.00023 J (0.00061)	0.00031 J (0.00062)	U (0.0005)	
Cumene	10000	2500	0.00048 J (0.0017)	0.0023 (0.0014)	0.00052 J (0.0019)	0.00033 J (0.0018)	U (0.0021)	0.00021 J (0.0015)	U (0.0011)	0.0028 (0.0018)	0.0081 (0.0015)	0.12 J (0.14)	0.0013 (0.0012)	U (0.0012)	U (0.0011)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00086)	U (0.00071)	U (0.00082)	U (0.00088)	U (0.001)	U (0.00053)	U (0.00054)	U (0.00089)	U (0.00076)	U (0.072)	U (0.00061)	U (0.00061)	U (0.00055)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.0017)	U (0.0014)	U (0.0016)	U (0.0018)	U (0.0021)	U (0.001)	U (0.0011)	U (0.0018)	U (0.0015)	U (0.14)	U (0.0012)	U (0.0012)	U (0.0011)	U (0.001)	
Ethyl Benzene	880	70	0.00056 J (0.0017)	0.00028 J (0.0015)	0.00023 J (0.0016)	U (0.0018)	U (0.0021)	U (0.001)	U (0.0011)	0.0003 J (0.0018)	0.0082 (0.0015)	0.082 J (0.14)	0.00098 J (0.0012)	U (0.0012)	U (0.0011)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0034)	U (0.0028)	U (0.0033)	U (0.0035)	U (0.0042)	U (0.0021)	U (0.0022)	U (0.0036)	U (0.003)	U (0.29)	0.00066 J (0.0024)	U (0.0024)	U (0.0022)	U (0.002)	
Toluene	10000	100	0.0016 J (0.003)	0.0012 J (0.0015)	0.0011 J (0.0019)	U (0.0018)	U (0.0021)	0.00092 J (0.0015)	U (0.0011)	U (0.0018)	0.0058 (0.0015)	1.5 (0.14)	0.0015 (0.0012)	U (0.0012)	U (0.0011)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	0.0065 (0.0034)	0.0087 (0.0031)	0.0031 J (0.0038)	0.0028 J (0.0039)	0.00083 J (0.0042)	0.00071 J (0.0029)	0.0011 J (0.0022)	0.0049 (0.0036)	0.3 (0.003)	0.28 J (0.29)	0.0077 (0.0024)	U (0.0024)	U (0.0022)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	0.0018 J (0.0034)	0.0053 (0.0031)	0.003 J (0.0038)	0.0026 J (0.0039)	0.00052 J (0.0042)	0.00035 J (0.0029)	0.00026 J (0.0022)	0.0036 (0.0036)	0.12 (0.003)	0.086 J (0.29)	0.003 (0.0024)	U (0.0024)	U (0.0022)	U (0.002)	
Xylenes (total)	7900	1000	0.0058 J (0.0034)	0.0062 J (0.0031)	0.0028 J (0.0038)	0.003 J (0.0039)	0.0026 J (0.0042)	U (0.0021)	0.00115 J (0.0022)	0.005 J (0.0036)	0.221 J (0.003)	0.53 J (0.29)	0.0078 J (0.0024)	U (0.0024)	U (0.0022)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BJ02-b	303-BJ02-b	303-BK01-c	303-BK03-d	303-BK03-d	303-BK03-d	303-BK03-d	303-BL02-b	303-BL02-c	303-BL02-d	303-BM02-d	303-BM02-d	303-BM02-d	303-BN02-b	303-BN02-b
Cell	Soil Direct Contact	Soil to	303-BJ02	303-BJ02	303-BK01	303-BK03	303-BK03	303-BK03	303-BK03	303-BL02	303-BL02	303-BL02	303-BM02	303-BM02	303-BM02	303-BN02	303-BN02
Field Sample ID	Numeric Value	Groundwater	303-BJ02-C2-VOC	303-BJ02-C3-VOC	303-BK01-C1-VOC	303-BK03-C1-VOC	303-BK03-C2-VOC	303-BK03-C3-VOC	303-BK03-C3-VOC	303-BL02-C1-VOC	303-BL02-C3-VOC	303-BL02-C2-VOC	303-BM02-C1-VOC	303-BM02-C2-VOC	303-BM02-C3-VOC	303-BN02-C1-VOC	303-BN02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.4 - 1.5	2.6 - 2.7	1.4 - 1.5	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	0.3 - 0.5	2.1 - 2.3	0.9 - 1.1	1.1 - 1.2	2.1 - 2.3	3.0 - 3.2	0.8 - 0.9	1.2 - 1.4	
Sample Date	(mg/kg)	(mg/kg)	6/17/2022	6/17/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	
VOCs																	
Benzene	280	0.5	U (0.00043)	0.00046 J (0.0011)	1.7 (0.024)	0.066 (0.024)	U (0.4)	U (0.053)	U (0.00059)	0.00032 J (0.00081)	U (0.00057)	0.0003 J (0.00083)	U (0.00062)	U (0.00069)	0.00063 J (0.001)	0.27 (0.031)	
Cumene	10000	2500	U (0.00086)	0.017 (0.0022)	1.2 (0.049)	0.45 (0.047)	40 (0.79)	5.6 (0.1)	0.0004 J (0.0012)	0.11 (0.0016)	0.001 J (0.0011)	0.083 (0.0017)	0.16 (0.0012)	U (0.0014)	0.007 (0.002)	0.1 (0.00098)	
1,2-Dibromoethane	3.7	0.005	U (0.00043)	U (0.0011)	U (0.024)	U (0.024)	U (0.4)	U (0.053)	U (0.00059)	U (0.00081)	U (0.00057)	U (0.00083)	U (0.00062)	U (0.00069)	U (0.001)	U (0.00049)	
1,2-Dichloroethane	85	0.5	U (0.00086)	U (0.0022)	U (0.049)	U (0.047)	U (0.79)	U (0.1)	U (0.0012)	U (0.0016)	U (0.0011)	U (0.0017)	U (0.0012)	U (0.0014)	U (0.002)	U (0.00098)	
Ethyl Benzene	880	70	U (0.00086)	0.00038 J (0.0022)	0.081 (0.049)	0.05 (0.047)	0.27 J (0.79)	0.064 J (0.1)	U (0.0012)	0.00085 J (0.0016)	U (0.0011)	0.00055 J (0.0017)	0.00055 J (0.0012)	U (0.0014)	0.00069 J (0.002)	0.62 (0.062)	
Methyl tert-butyl ether	8500	2	U (0.0017)	U (0.0044)	U (0.098)	U (0.094)	U (1.6)	U (0.21)	U (0.0024)	U (0.0032)	U (0.0023)	U (0.0033)	0.00042 J (0.0025)	U (0.0028)	U (0.004)	U (0.002)	
Toluene	10000	100	U (0.00086)	0.0013 J (0.0022)	0.17 (0.049)	0.14 (0.047)	U (0.79)	U (0.1)	U (0.0012)	U (0.0016)	U (0.0011)	0.0012 J (0.0017)	0.00087 J (0.0012)	U (0.0014)	U (0.002)	1.4 (0.062)	
1,2,4-Trimethylbenzene	4700	300	U (0.0017)	0.0053 (0.0044)	0.064 J (0.098)	0.08 J (0.094)	1.1 J (1.6)	0.29 (0.21)	U (0.0024)	0.026 (0.0032)	0.0012 J (0.0023)	0.0084 (0.0033)	0.026 (0.0025)	U (0.0028)	U (0.004)	0.33 (0.12)	
1,3,5-Trimethylbenzene	4700	93	U (0.0017)	0.0043 J (0.0044)	0.057 J (0.098)	0.021 J (0.094)	0.2 J (1.6)	0.057 J (0.21)	U (0.0024)	0.025 (0.0032)	0.00031 J (0.0023)	0.0085 (0.0033)	0.014 (0.0025)	U (0.0028)	U (0.004)	0.22 (0.002)	
Xylenes (total)	7900	1000	U (0.0017)	0.006 J (0.0044)	0.387 J (0.098)	0.213 J (0.094)	1.66 J (1.6)	0.41 J (0.21)	U (0.0024)	0.0142 J (0.0032)	0.00137 J (0.0023)	0.0131 J (0.0033)	0.0152 J (0.0025)	U (0.0028)	0.003 J (0.004)	1.84 J (0.12)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BN02-b	303-BN03-b	303-BO02-d	303-BO02-d	303-BO02-d	303-BO02-d	303-BP02-a	303-BP02-c	303-BP02-c	303-BQ01-b	303-BQ02-b	303-BQ02-b	303-BQ02-c	303-BR02-c	303-BR02-c
Cell	Soil Direct Contact	Soil to	303-BN02	303-BN03	303-BO02	303-BO02	303-BO02	303-BO02	303-BP02	303-BP02	303-BP02	303-BQ01	303-BQ02	303-BQ02	303-BQ02	303-BR02	303-BR02
Field Sample ID	Numeric Value	Groundwater	303-BN02-C3-VOC	303-BN03-C1-VOC	303-BO02-C1-VOC	303-BO02-C2-VOC	303-BO02-C3-VOC	303-BO02-C3-VOC	303-BP02-C3-VOC	303-BP02-C1-VOC	303-BP02-C2-VOC	303-BQ01-C1-VOC	303-BQ02-C1-VOC	303-BQ02-C2-VOC	303-BQ02-C3-VOC	303-BR02-C1-VOC	303-BR02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.5 - 0.6	0.3 - 0.5	1.4 - 1.5	1.8 - 2.0	0.8 - 0.9	0.5 - 0.6	1.1 - 1.2	0.3 - 0.5	0.3 - 0.5	0.8 - 0.9	2.0 - 2.1	0.8 - 0.9	1.8 - 2.0	
Sample Date	(mg/kg)	(mg/kg)	6/16/2022	6/20/2022	6/16/2022	6/16/2022	6/16/2022	6/17/2022	6/17/2022	6/17/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/16/2022	6/16/2022
VOCs																	
Benzene	280	0.5	0.67 (0.05)	0.00073 (0.00063)	1.3 J (1.4)	10 (0.036)	4.7 (0.073)	2 (1.1)	11000 (60)	1300 (27)	0.016 J (0.036)	1700 (6)	660 (3)	7.8 (0.18)	0.045 (0.029)	0.36 (0.35)	
Cumene	10000	2500	1.9 (0.1)	0.024 (0.0012)	1100 (5.8)	5.4 (0.072)	2.4 (0.15)	870 (4.6)	16000 (120)	4800 (54)	0.87 (0.072)	37 (0.24)	160 (6)	430 (3.6)	6.4 (0.058)	32 (0.7)	
1,2-Dibromoethane	3.7	0.005	U (0.00071)	U (0.00063)	U (1.4)	U (0.036)	U (0.073)	U (1.1)	U (3)	U (2.7)	U (0.036)	U (0.12)	U (3)	U (0.18)	U (0.029)	U (0.35)	
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.0012)	U (2.9)	U (0.072)	U (0.15)	U (2.3)	U (6)	U (5.4)	U (0.072)	U (0.24)	U (6)	U (0.36)	U (0.058)	U (0.7)	
Ethyl Benzene	880	70	0.079 (0.0014)	0.0011 J (0.0012)	0.51 J (2.9)	0.029 J (0.072)	0.072 J (0.15)	U (2.3)	160 (6)	35 (5.4)	0.019 J (0.072)	12 (0.24)	42 (6)	0.67 (0.36)	0.03 J (0.058)	0.27 J (0.7)	
Methyl tert-butyl ether	8500	2	U (0.0028)	U (0.0025)	U (5.8)	U (0.14)	U (0.29)	U (4.6)	U (12)	U (11)	U (0.14)	U (0.48)	U (12)	U (0.73)	U (0.12)	U (1.4)	
Toluene	10000	100	0.2 (0.1)	0.0012 (0.0012)	U (2.9)	U (0.072)	0.28 (0.15)	U (2.3)	3400 (120)	1300 (5.4)	0.094 (0.072)	500 (12)	1300 (15)	9.5 (0.36)	0.17 (0.058)	0.61 J (0.7)	
1,2,4-Trimethylbenzene	4700	300	0.27 (0.0028)	0.0021 J (0.0025)	3.2 J (5.8)	U (0.14)	0.061 J (0.29)	U (4.6)	130 (12)	38 (11)	0.081 J (0.14)	28 (0.48)	43 (12)	2.8 (0.73)	0.19 (0.12)	0.43 J (1.4)	
1,3,5-Trimethylbenzene	4700	93	0.11 (0.0028)	0.0011 J (0.0025)	3.1 J (5.8)	U (0.14)	U (0.29)	U (4.6)	45 (12)	15 (11)	0.031 J (0.14)	11 (0.48)	15 (12)	1 (0.73)	0.096 J (0.12)	0.59 J (1.4)	
Xylenes (total)	7900	1000	0.263 J (0.0028)	0.0057 J (0.0025)	U (5.8)	U (0.14)	0.185 J (0.29)	U (4.6)	710 J (12)	159 J (11)	0.175 J (0.14)	38.4 J (0.48)	169 J (12)	2.48 J (0.73)	0.46 J (0.12)	1.55 J (1.4)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1c
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	303-BS02-c	303-BS02-c	303-BS03-b	303-BT01-d	303-BT01-d	303-BT01-d	303-BU01-d	303-BU01-d	303-BV01-d	303-BW01-c
Cell	Soil Direct Contact	Soil to	303-BS02	303-BS02	303-BS03	303-BT01	303-BT01	303-BT01	303-BU01	303-BU01	303-BV01	303-BW01
Field Sample ID	Numeric Value	Groundwater	303-BS02-C1-VOC	303-BS02-C2-VOC	303-BS03-C1-VOC	303-BT01-C1-VOC	303-BT01-C2-VOC	303-BT01-C3-VOC	303-BU01-C1-VOC	303-BU01-C2-VOC	303-BV01-C1-VOC	303-BW01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.8 - 2.0	0.6 - 0.8	0.3 - 0.5	1.1 - 1.2	1.7 - 1.8	0.6 - 0.8	1.7 - 1.8	1.1 - 1.2	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	6/16/2022	6/16/2022	6/14/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/15/2022	6/14/2022
VOCs												
Benzene	280	0.5	0.039 (0.038)	0.28 (0.037)	U (0.00055)	0.083 (0.026)	0.0025 (0.00065)	0.0035 (0.00052)	0.092 J (0.23)	0.42 (0.034)	0.3 (0.061)	0.059 (0.03)
Cumene	10000	2500	1.7 (0.076)	2.1 (0.074)	U (0.0011)	2.2 (0.052)	0.24 (0.0013)	0.042 (0.001)	2.3 (0.46)	0.61 (0.068)	2.2 (0.12)	0.32 (0.06)
1,2-Dibromoethane	3.7	0.005	U (0.038)	U (0.037)	U (0.00055)	U (0.026)	U (0.00065)	U (0.00052)	U (0.23)	U (0.034)	U (0.061)	U (0.03)
1,2-Dichloroethane	85	0.5	U (0.076)	U (0.074)	U (0.0011)	U (0.052)	U (0.0013)	U (0.001)	U (0.46)	U (0.068)	U (0.12)	U (0.06)
Ethyl Benzene	880	70	0.08 (0.076)	0.1 (0.074)	U (0.0011)	0.011 J (0.052)	0.0012 J (0.0013)	0.00029 J (0.001)	U (0.46)	0.11 (0.068)	0.071 J (0.12)	0.057 J (0.06)
Methyl tert-butyl ether	8500	2	U (0.15)	U (0.15)	U (0.0022)	U (0.1)	0.00047 J (0.0026)	U (0.0021)	U (0.93)	U (0.14)	U (0.24)	U (0.12)
Toluene	10000	100	0.043 J (0.076)	0.14 (0.074)	U (0.0011)	0.062 (0.052)	0.0043 (0.0013)	0.00096 J (0.001)	U (0.46)	0.21 (0.068)	0.31 (0.12)	0.11 (0.06)
1,2,4-Trimethylbenzene	4700	300	0.14 J (0.15)	0.12 J (0.15)	U (0.0022)	0.02 J (0.1)	0.0016 J (0.0026)	0.0013 J (0.0021)	U (0.93)	0.07 J (0.14)	0.13 J (0.24)	0.095 J (0.12)
1,3,5-Trimethylbenzene	4700	93	0.024 J (0.15)	0.024 J (0.15)	U (0.0022)	U (0.1)	0.00058 J (0.0026)	0.001 J (0.0021)	U (0.93)	0.5 (0.14)	0.45 (0.24)	0.034 J (0.12)
Xylenes (total)	7900	1000	0.314 J (0.15)	0.459 J (0.15)	U (0.0022)	0.108 J (0.1)	0.0174 J (0.0026)	0.00393 J (0.0021)	0.52 J (0.93)	0.23 J (0.14)	0.98 J (0.24)	0.25 J (0.12)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AA02-b 301-AA02	301-AA02-d 301-AA02	301-AA02-d 301-AA02	301-AA02-d 301-AA02	301-AA03-a 301-AA03	301-AA03-a 301-AA03	301-AA03-a 301-AA03	301-AA03-a 301-AA03	301-AA04-c 301-AA04	301-AA04-c 301-AA04	301-AA04-c 301-AA04	301-AA04-c 301-AA04	301-AA04-c 301-AA04	301-AA04-c 301-AA04
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	301-AA02-C1-VOC 0.3 - 0.5	301-AA02-C2-VOC 1.1 - 1.2	301-AA02-C3-VOC 2.1 - 2.3	301-AA02-C4-VOC 2.7 - 2.9	301-AA03-C1-VOC 0.3 - 0.5	301-AA03-C2-VOC 0.6 - 0.8	301-AA03-C3-VOC 1.2 - 1.4	301-AA03-C4-VOC 1.7 - 1.8	301-AA04-C1-VOC 0.2 - 0.3	301-AA04-C2-VOC 1.1 - 1.2	301-AA04-C3-VOC 1.4 - 1.5	301-AA04-C4-VOC 2.0 - 2.1	301-AA04-C5-VOC 2.6 - 2.7	
Collection Depth (ft bgs)	Sample Date	(mg/kg)	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	
VOCs																
Benzene	280	0.5	U (0.00048)	U (0.00048)	U (0.00093)	U (0.0005)	U (0.00047)	U (0.0006)	U (0.00062)	U (0.001)	U (0.00064)	0.00041 J (0.00064)	U (0.0005)	0.00016 J (0.00049)	U (0.00049)	
Cumene	10000	2500	U (0.00096)	U (0.00095)	U (0.0019)	0.00044 J (0.001)	U (0.00094)	0.00032 J (0.0012)	U (0.0012)	U (0.002)	U (0.0013)	U (0.0013)	U (0.001)	0.00014 J (0.00098)	0.001 (0.00098)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00048)	U (0.00093)	U (0.0005)	U (0.00047)	U (0.0006)	U (0.00062)	U (0.001)	U (0.00064)	U (0.00064)	U (0.0005)	U (0.00049)	U (0.00049)	
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.00095)	U (0.0019)	U (0.001)	U (0.00094)	U (0.0012)	U (0.0012)	U (0.002)	U (0.0013)	U (0.0013)	U (0.001)	U (0.00098)	U (0.00098)	
Ethyl Benzene	880	70	U (0.00096)	U (0.00095)	U (0.0019)	U (0.001)	U (0.00094)	U (0.0012)	U (0.0012)	U (0.002)	U (0.0013)	U (0.0013)	U (0.001)	U (0.00098)	U (0.00098)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0019)	U (0.0037)	U (0.002)	U (0.0019)	U (0.0024)	U (0.0025)	U (0.0041)	U (0.0026)	U (0.0026)	U (0.002)	U (0.002)	U (0.002)	
Toluene	10000	100	U (0.00096)	U (0.00095)	U (0.0019)	U (0.001)	U (0.00094)	U (0.0012)	U (0.0012)	U (0.002)	U (0.0013)	U (0.0013)	U (0.001)	U (0.00098)	U (0.00098)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0019)	U (0.0037)	U (0.002)	U (0.0019)	U (0.0024)	U (0.0025)	U (0.0041)	U (0.0026)	U (0.0026)	U (0.002)	0.0005 J (0.002)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0019)	U (0.0037)	U (0.002)	U (0.0019)	U (0.0024)	U (0.0025)	U (0.0041)	U (0.0026)	U (0.0026)	U (0.002)	U (0.002)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.0019)	U (0.0037)	U (0.002)	U (0.0019)	U (0.0024)	U (0.0025)	U (0.0041)	U (0.0026)	U (0.0026)	U (0.002)	U (0.002)	0.00289 J (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AA05-a	301-AA05-a	301-AA05-a	301-AA05-a	301-AA05-a	301-AA05-a	301-AB01-a	301-AB01-b	301-AB01-b	301-AB01-b	301-AB05-a	301-AB05-a	301-AB05-a	301-AB05-a
Cell	Soil Direct Contact	Soil to	301-AA05	301-AA05	301-AA05	301-AA05	301-AA05	301-AA05	301-AB01	301-AB01	301-AB01	301-AB01	301-AB05	301-AB05	301-AB05	301-AB05
Field Sample ID	Numeric Value	Groundwater	301-AA05-C1-VOC	301-AA05-C2-VOC	301-AA05-C3-VOC	301-AA05-C4-VOC	301-AA05-C5-VOC	301-AB01-C2-VOC	301-AB01-C1-VOC	301-AB01-C3-VOC	301-AB01-C4-VOC	301-AB05-C1-VOC	301-AB05-C2-VOC	301-AB05-C3-VOC	301-AB05-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	1.2 - 1.4	2.4 - 2.6	3.7 - 3.8	5.5 - 5.6	0.6 - 0.8	0.6 - 0.8	2.0 - 2.1	3.0 - 3.2	0.6 - 0.8	1.2 - 1.4	2.4 - 2.6	4.0 - 4.1	
Sample Date	(mg/kg)	(mg/kg)	8/10/2022	8/11/2022	8/10/2022	8/10/2022	8/10/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/10/2022	8/10/2022	8/10/2022	8/10/2022	
VOCs																
Benzene	280	0.5	U (0.00067)	0.00051 J (0.0006)	U (0.00053)	0.00054 J (0.00066)	U (0.00088)	U (0.00043)	U (0.00039)	U (0.00038)	U (0.00046)	U (0.00066)	0.012 J (0.03)	U (0.00072)	U (0.028)	
Cumene	10000	2500	U (0.0013)	0.00021 J (0.0012)	U (0.001)	U (0.0013)	U (0.0018)	U (0.00085)	U (0.00079)	U (0.00076)	U (0.00091)	U (0.0013)	0.01 J (0.06)	U (0.0014)	U (0.056)	
1,2-Dibromoethane	3.7	0.005	U (0.00067)	U (0.0006)	U (0.00053)	U (0.00066)	U (0.00088)	U (0.00043)	U (0.00039)	U (0.00038)	U (0.00046)	U (0.00066)	U (0.03)	U (0.00072)	U (0.028)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0012)	U (0.001)	U (0.0013)	U (0.0018)	U (0.00085)	U (0.00079)	U (0.00076)	U (0.00091)	U (0.0013)	U (0.06)	U (0.0014)	U (0.056)	
Ethyl Benzene	880	70	U (0.0013)	0.00046 J (0.0012)	U (0.001)	U (0.0013)	U (0.0018)	U (0.00085)	U (0.00079)	U (0.00076)	U (0.00091)	U (0.0013)	U (0.06)	U (0.0014)	U (0.056)	
Methyl tert-butyl ether	8500	2	U (0.0027)	U (0.0024)	U (0.0021)	U (0.0026)	U (0.0035)	U (0.0017)	U (0.0016)	U (0.0015)	U (0.0018)	U (0.0026)	U (0.12)	U (0.0029)	U (0.11)	
Toluene	10000	100	U (0.0013)	0.00085 J (0.0012)	U (0.001)	U (0.0013)	U (0.0018)	U (0.00085)	U (0.00079)	U (0.00076)	U (0.00091)	U (0.0013)	U (0.06)	U (0.0014)	0.037 J (0.056)	
1,2,4-Trimethylbenzene	4700	300	U (0.0027)	0.00043 J (0.0024)	U (0.0021)	U (0.0026)	U (0.0035)	U (0.0017)	U (0.0016)	U (0.0015)	U (0.0018)	U (0.0026)	U (0.12)	U (0.0029)	U (0.11)	
1,3,5-Trimethylbenzene	4700	93	U (0.0027)	0.00034 J (0.0024)	U (0.0021)	U (0.0026)	U (0.0035)	U (0.0017)	U (0.0016)	U (0.0015)	U (0.0018)	U (0.0026)	U (0.12)	U (0.0029)	U (0.11)	
Xylenes (total)	7900	1000	U (0.0027)	0.00127 J (0.0024)	U (0.0021)	U (0.0026)	U (0.0035)	U (0.0017)	U (0.0016)	U (0.0015)	U (0.0018)	U (0.0026)	U (0.12)	U (0.0029)	U (0.11)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AB05-a	301-AC02-a	301-AC02-a	301-AC02-a	301-AC02-a	301-AC02-a	301-AC02-a	301-AC03-b	301-AC03-b	301-AC03-b	301-AC03-b	301-T01-a	301-T01-b	301-T01-b
Cell	Soil Direct Contact	Soil to	301-AB05	301-AC02	301-AC02	301-AC02	301-AC02	301-AC02	301-AC02	301-AC03	301-AC03	301-AC03	301-AC03	301-T01	301-T01	301-T01
Field Sample ID	Numeric Value	Groundwater	301-AB05-C5-VOC	301-AC02-C1-VOC	301-AC02-C2-VOC	301-AC02-C3-VOC	301-AC02-C4-VOC	301-AC02-C5-VOC	301-AC03-C1-VOC	301-AC03-C2-VOC	301-AC03-C3-VOC	301-AC03-C4-VOC	301-AC03-C4-VOC	301-T01-C4-VOC	301-T01-C1-VOC	301-T01-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.8 - 5.9	0.8 - 0.9	1.4 - 1.5	2.7 - 2.9	4.0 - 4.1	5.5 - 5.6	0.3 - 0.5	0.8 - 0.9	1.4 - 1.5	1.8 - 2.0	1.8 - 2.0	1.8 - 2.0	0.3 - 0.5	0.9 - 1.1
Sample Date	(mg/kg)	(mg/kg)	8/10/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/4/2022	8/4/2022	8/4/2022
VOCs																
Benzene	280	0.5	U (0.029)	U (0.00048)	U (0.00049)	U (0.0005)	U (0.00054)	U (0.00036)	U (0.00043)	U (0.00051)	U (0.00053)	U (0.00056)	0.00036 J (0.00058)	0.023 J (0.036)	0.0039 (0.00052)	
Cumene	10000	2500	U (0.058)	U (0.00096)	U (0.00097)	U (0.001)	U (0.0011)	U (0.00073)	U (0.00085)	U (0.001)	U (0.0011)	U (0.0011)	0.00023 J (0.0012)	1.5 (0.072)	0.013 (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.029)	U (0.00048)	U (0.00049)	U (0.0005)	U (0.00054)	U (0.00036)	U (0.00043)	U (0.00051)	U (0.00053)	U (0.00056)	U (0.00058)	0.0012 (0.00052)	U (0.00052)	
1,2-Dichloroethane	85	0.5	U (0.058)	U (0.00096)	U (0.00097)	U (0.001)	U (0.0011)	U (0.00073)	U (0.00085)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	
Ethyl Benzene	880	70	U (0.058)	U (0.00096)	U (0.00097)	U (0.001)	U (0.0011)	U (0.00073)	U (0.00085)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	0.08 (0.072)	0.0016 (0.001)	
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0015)	U (0.0017)	U (0.002)	U (0.0021)	U (0.0022)	U (0.0023)	U (0.0021)	U (0.0021)	
Toluene	10000	100	U (0.058)	U (0.00096)	U (0.00097)	U (0.001)	U (0.0011)	U (0.00073)	U (0.00085)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	0.0065 (0.001)	0.001 (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.12)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0015)	U (0.0017)	U (0.002)	U (0.0021)	U (0.0022)	U (0.0023)	0.07 J (0.14)	0.0059 (0.0021)	
1,3,5-Trimethylbenzene	4700	93	U (0.12)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0015)	U (0.0017)	U (0.002)	U (0.0021)	U (0.0022)	U (0.0023)	0.052 J (0.14)	0.00086 J (0.0021)	
Xylenes (total)	7900	1000	U (0.12)	U (0.0019)	U (0.0019)	U (0.002)	U (0.0022)	U (0.0015)	U (0.0017)	U (0.002)	U (0.0021)	U (0.0022)	U (0.0023)	0.0708 J (0.14)	0.00337 J (0.0021)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-T01-b	301-T01-b	301-T02-a	301-U01-b	301-U01-b	301-U01-d	301-U01-d	301-U01-d	301-U02-c	301-U02-c	301-U02-c	301-U02-c	301-U02-c	
Cell	Soil Direct Contact	Soil to	301-T01	301-T01	301-T02	301-U01	301-U01	301-U01	301-U01	301-U01	301-U02	301-U02	301-U02	301-U02	301-U02	
Field Sample ID	Numeric Value	Groundwater	301-T01-C3-VOC	301-T01-C5-VOC	301-T02-C1-VOC	301-U01-C4-VOC	301-U01-C5-VOC	301-U01-C1-VOC	301-U01-C2-VOC	301-U01-C3-VOC	301-U02-C1-VOC	301-U02-C2-VOC	301-U02-C3-VOC	301-U02-C4-VOC	301-U02-C5-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.2 - 1.4	2.3 - 2.4	0.9 - 1.1	1.2 - 1.4	1.5 - 1.7	0.2 - 0.3	0.3 - 0.5	0.6 - 0.8	0.2 - 0.3	0.5 - 0.6	0.9 - 1.1	1.2 - 1.4	1.7 - 1.8	
Sample Date	(mg/kg)	(mg/kg)	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	
VOCs																
Benzene	280	0.5	0.0031 (0.00044)	0.00092 (0.00056)	0.5 (0.026)	0.39 (0.028)	0.43 (0.03)	0.0017 (0.0005)	1.5 (0.064)	5.4 (0.056)	U (0.00062)	0.00032 J (0.0005)	0.013 J (0.031)	0.027 (0.026)	0.00051 J (0.00058)	
Cumene	10000	2500	0.0054 (0.00088)	0.00073 J (0.0011)	0.049 J (0.053)	3 (0.055)	3.3 (0.06)	0.00098 J (0.001)	2.5 (0.13)	5 (0.11)	U (0.0012)	0.00026 J (0.001)	0.088 (0.063)	3.8 (0.053)	0.059 (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00044)	U (0.00056)	U (0.026)	U (0.028)	U (0.03)	U (0.0005)	U (0.064)	U (0.056)	U (0.00062)	U (0.0005)	U (0.031)	U (0.026)	U (0.00058)	
1,2-Dichloroethane	85	0.5	U (0.00088)	U (0.0011)	U (0.053)	U (0.055)	U (0.06)	U (0.001)	U (0.13)	U (0.11)	U (0.0012)	U (0.001)	U (0.063)	U (0.053)	U (0.0012)	
Ethyl Benzene	880	70	0.00052 J (0.00088)	U (0.0011)	0.1 (0.053)	1.5 (0.055)	2.1 (0.06)	0.00029 J (0.001)	1 (0.13)	3.7 (0.11)	U (0.0012)	0.00016 J (0.001)	0.013 J (0.063)	0.037 J (0.053)	0.00024 J (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0023)	U (0.1)	U (0.11)	U (0.12)	U (0.002)	U (0.26)	U (0.22)	U (0.0025)	U (0.002)	U (0.12)	U (0.1)	U (0.0023)	
Toluene	10000	100	0.00056 J (0.00088)	U (0.0011)	0.11 (0.053)	0.072 (0.055)	0.066 (0.06)	0.00065 JB (0.001)	1.3 (0.13)	3.4 (0.11)	U (0.0012)	U (0.001)	U (0.063)	0.032 J (0.053)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	0.0011 J (0.0018)	U (0.0023)	0.057 J (0.1)	1.3 (0.11)	1.8 (0.12)	U (0.002)	0.67 (0.26)	1.6 (0.22)	U (0.0025)	U (0.002)	0.022 J (0.12)	0.78 (0.1)	0.0049 (0.0023)	
1,3,5-Trimethylbenzene	4700	93	0.00029 J (0.0018)	U (0.0023)	0.031 J (0.1)	0.24 (0.11)	0.26 (0.12)	U (0.002)	0.14 J (0.26)	0.31 (0.22)	U (0.0025)	U (0.002)	U (0.12)	0.26 (0.1)	0.0024 (0.0023)	
Xylenes (total)	7900	1000	0.00094 J (0.0018)	U (0.0023)	0.303 J (0.1)	0.088 J (0.11)	0.093 J (0.12)	0.00109 J (0.002)	2.65 J (0.26)	8.27 J (0.22)	U (0.0025)	U (0.002)	0.0755 J (0.12)	0.109 J (0.1)	0.00195 J (0.0023)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-U03-b	301-U03-c	301-U03-c	301-U03-c	301-U03-c	301-U03-c	301-V01-b	301-V01-b	301-V01-c	301-V01-c	301-V02-b	301-V02-b	301-V02-b	301-V02-c
Cell	Soil Direct Contact	Soil to	301-U03	301-U03	301-U03	301-U03	301-U03	301-U03	301-V01	301-V01	301-V01	301-V01	301-V02	301-V02	301-V02	301-V02
Field Sample ID	Numeric Value	Groundwater	301-U03-C1-VOC	301-U03-C2-VOC	301-U03-C3-VOC	301-U03-C4-VOC	301-U03-C5-VOC	301-U03-C5-VOC	301-V01-C1-VOC	301-V01-C2-VOC	301-V01-C3-VOC	301-V01-C4-VOC	301-V02-C3-VOC	301-V02-C4-VOC	301-V02-C5-VOC	301-V02-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.0 - 0.2	0.8 - 0.9	1.1 - 1.2	1.7 - 1.8	2.3 - 2.4	2.3 - 2.4	0.2 - 0.3	0.5 - 0.6	0.9 - 1.1	1.2 - 1.4	2.0 - 2.1	2.9 - 3.0	4.0 - 4.1	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022
VOCs																
Benzene	280	0.5	0.24 (0.039)	0.0077 (0.00099)	22 (0.063)	7.8 (0.029)	1.3 (0.064)	0.00046 (0.00032)	U (0.00078)	0.00045 J (0.00057)	U (0.031)	U (0.029)	U (0.032)	U (0.031)	0.047 (0.032)	
Cumene	10000	2500	2.5 (0.078)	0.0023 (0.002)	6.7 (0.12)	1.5 (0.057)	2.9 (0.13)	0.00008 J (0.00063)	U (0.0016)	0.00076 J (0.0011)	0.016 J (0.062)	U (0.057)	U (0.064)	U (0.062)	0.18 (0.063)	
1,2-Dibromoethane	3.7	0.005	U (0.039)	U (0.00099)	U (0.063)	U (0.029)	U (0.064)	U (0.00032)	U (0.00078)	U (0.00057)	U (0.031)	U (0.029)	U (0.032)	U (0.031)	U (0.032)	
1,2-Dichloroethane	85	0.5	U (0.078)	U (0.002)	U (0.12)	U (0.057)	U (0.13)	U (0.00063)	U (0.0016)	U (0.0011)	U (0.062)	U (0.057)	U (0.064)	U (0.062)	U (0.063)	
Ethyl Benzene	880	70	0.12 (0.078)	0.00068 J (0.002)	35 (0.12)	8 (0.057)	0.88 (0.13)	U (0.00063)	U (0.0016)	0.00036 J (0.0011)	U (0.062)	U (0.057)	U (0.064)	0.0093 J (0.062)	0.056 J (0.063)	
Methyl tert-butyl ether	8500	2	U (0.16)	0.00041 J (0.004)	3.2 (0.25)	1.8 (0.11)	0.11 J (0.26)	U (0.0013)	U (0.0031)	U (0.0023)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	
Toluene	10000	100	0.13 (0.078)	0.0018 J (0.002)	U (0.12)	U (0.057)	U (0.13)	U (0.00063)	U (0.0016)	0.00066 J (0.0011)	U (0.062)	U (0.057)	U (0.064)	U (0.062)	0.046 J (0.063)	
1,2,4-Trimethylbenzene	4700	300	0.16 (0.16)	0.002 J (0.004)	66 (12)	9.7 (0.11)	1.6 (0.26)	U (0.0013)	U (0.0031)	0.0021 J (0.0023)	U (0.12)	U (0.11)	0.024 J (0.13)	U (0.12)	0.05 J (0.13)	
1,3,5-Trimethylbenzene	4700	93	0.028 J (0.16)	0.00063 J (0.004)	14 (0.25)	3 (0.11)	0.48 (0.26)	U (0.0013)	U (0.0031)	U (0.0023)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.014 J (0.13)	
Xylenes (total)	7900	1000	0.339 J (0.16)	0.00288 J (0.004)	43.087 J (0.25)	9.522 J (0.11)	1.025 J (0.26)	U (0.0013)	U (0.0031)	0.0026 J (0.0023)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.1615 J (0.13)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-V02-c	301-V03-c	301-V03-c	301-V03-c	301-V03-c	301-V03-c	301-V03-c	301-V03-c	301-W01-d	301-W01-d	301-W01-d	301-W01-d	301-W02-a	301-W02-a	301-W02-a
Cell	Soil Direct Contact	Soil to	301-V02	301-V03	301-V03	301-V03	301-V03	301-V03	301-V03	301-V03	301-W01	301-W01	301-W01	301-W01	301-W02	301-W02	301-W02
Field Sample ID	Numeric Value	Groundwater	301-V02-C2-VOC	301-V03-C1-VOC	301-V03-C2-VOC	301-V03-C3-VOC	301-V03-C4-VOC	301-V03-C5-VOC	301-W01-C1-VOC	301-W01-C2-VOC	301-W01-C3-VOC	301-W01-C4-VOC	301-W02-C1-VOC	301-W02-C2-VOC	301-W02-C3-VOC	301-W02-C4-VOC	301-W02-C5-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.2 - 1.4	0.3 - 0.5	0.8 - 0.9	1.1 - 1.2	1.5 - 1.7	2.0 - 2.1	0.6 - 0.8	1.1 - 1.2	2.1 - 2.3	3.0 - 3.2	0.2 - 0.3	0.6 - 0.8	1.1 - 1.2	1.1 - 1.2	1.1 - 1.2
Sample Date	(mg/kg)	(mg/kg)	8/5/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	8/11/2022	8/11/2022	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022
VOCs																	
Benzene	280	0.5	U (0.16)	U (0.0068)	0.00024 J (0.00035)	U (0.032)	U (0.029)	U (0.045)	0.04 J (0.046)	U (0.00051)	U (0.00048)	U (0.00054)	U (0.00056)	U (0.00072)	U (0.00052)		
Cumene	10000	2500	0.31 J (0.32)	U (0.0014)	0.00017 J (0.00069)	1.2 (0.065)	1.2 (0.057)	0.042 J (0.09)	0.36 (0.092)	0.01 (0.001)	0.0006 J (0.00097)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.001)		
1,2-Dibromoethane	3.7	0.005	U (0.16)	U (0.00068)	U (0.00035)	U (0.032)	U (0.029)	U (0.045)	U (0.046)	U (0.00051)	U (0.00048)	U (0.00054)	U (0.00056)	U (0.00072)	U (0.00052)		
1,2-Dichloroethane	85	0.5	U (0.32)	U (0.0014)	U (0.00069)	U (0.065)	U (0.057)	U (0.09)	U (0.092)	U (0.001)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.001)		
Ethyl Benzene	880	70	0.073 J (0.32)	U (0.0014)	0.00018 J (0.00069)	0.15 (0.065)	0.14 (0.057)	0.027 J (0.09)	0.14 (0.092)	U (0.001)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.001)		
Methyl tert-butyl ether	8500	2	U (0.65)	U (0.0027)	U (0.0014)	U (0.13)	U (0.11)	U (0.18)	U (0.18)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0029)	U (0.0021)		
Toluene	10000	100	U (0.32)	U (0.0014)	0.00054 J (0.00069)	U (0.065)	U (0.057)	U (0.09)	0.18 (0.092)	U (0.001)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.001)		
1,2,4-Trimethylbenzene	4700	300	U (0.65)	U (0.0027)	U (0.0014)	U (0.13)	U (0.11)	0.097 J (0.18)	0.7 (0.18)	0.00042 J (0.002)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0029)	U (0.0021)		
1,3,5-Trimethylbenzene	4700	93	U (0.65)	U (0.0027)	U (0.0014)	U (0.13)	U (0.11)	U (0.18)	0.12 J (0.18)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0029)	U (0.0021)		
Xylenes (total)	7900	1000	U (0.65)	U (0.0027)	U (0.0014)	U (0.13)	U (0.11)	0.134 J (0.18)	1.42 J (0.18)	0.00335 J (0.002)	U (0.0019)	U (0.0022)	U (0.0022)	U (0.0029)	U (0.0021)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-W02-a	301-W02-a	301-X01-b	301-X01-b	301-X01-b	301-X01-b	301-X01-b	301-X02-c	301-X02-c	301-X02-c	301-X02-c	301-X02-d	301-Y01-c	301-Y01-c
Cell	Soil Direct Contact	Soil to	301-W02	301-W02	301-X01	301-X01	301-X01	301-X01	301-X01	301-X02	301-X02	301-X02	301-X02	301-X02	301-Y01	301-Y01
Field Sample ID	Numeric Value	Groundwater	301-W02-C4-VOC	301-W02-C5-VOC	301-X01-C1-VOC	301-X01-C2-VOC	301-X01-C3-VOC	301-X01-C4-VOC	301-X02-C2-VOC	301-X02-C3-VOC	301-X02-C4-VOC	301-X02-C5-VOC	301-X02-C1-VOC	301-Y01-C1-VOC	301-Y01-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.7 - 1.8	2.1 - 2.3	0.8 - 0.9	1.1 - 1.2	2.1 - 2.3	3.0 - 3.2	1.1 - 1.2	2.1 - 2.3	3.0 - 3.2	4.0 - 4.1	0.6 - 0.8	0.2 - 0.3	0.3 - 0.5	
Sample Date	(mg/kg)	(mg/kg)	8/12/2022	8/12/2022	8/11/2022	8/11/2022	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/11/2022	8/11/2022	
VOCs																
Benzene	280	0.5	U (0.00047)	U (0.00054)	U (0.00082)	U (0.00048)	U (0.00045)	U (0.00064)	U (0.00053)	U (0.0005)	U (0.00052)	U (0.029)	0.00053 J (0.00097)	U (0.00053)	U (0.00064)	
Cumene	10000	2500	U (0.00094)	U (0.0011)	0.0023 (0.0016)	0.0034 (0.00096)	0.00041 J (0.0009)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	0.12 (0.058)	U (0.0019)	0.00017 J (0.001)	U (0.0013)	
1,2-Dibromoethane	3.7	0.005	U (0.00047)	U (0.00054)	U (0.00082)	U (0.00048)	U (0.00045)	U (0.00064)	U (0.00053)	U (0.0005)	U (0.00052)	U (0.029)	U (0.00097)	U (0.00053)	U (0.00064)	
1,2-Dichloroethane	85	0.5	U (0.00094)	U (0.0011)	U (0.0016)	U (0.00096)	U (0.0009)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.058)	U (0.0019)	U (0.001)	U (0.0013)	
Ethyl Benzene	880	70	U (0.00094)	U (0.0011)	U (0.0016)	U (0.00096)	U (0.0009)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.058)	U (0.0019)	U (0.001)	U (0.0013)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0022)	U (0.0033)	U (0.0019)	U (0.0018)	U (0.0026)	U (0.0021)	U (0.002)	U (0.0021)	U (0.12)	U (0.0039)	U (0.0021)	U (0.0025)	
Toluene	10000	100	U (0.00094)	U (0.0011)	U (0.0016)	U (0.00096)	U (0.0009)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.058)	U (0.0019)	U (0.001)	U (0.0013)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.0022)	0.0054 (0.0033)	0.0068 (0.0019)	U (0.0018)	U (0.0026)	U (0.0021)	U (0.002)	U (0.0021)	U (0.12)	U (0.0039)	0.00044 J (0.0021)	0.00044 J (0.0025)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0022)	0.0024 J (0.0033)	0.0049 (0.0019)	U (0.0018)	U (0.0026)	U (0.0021)	U (0.002)	U (0.0021)	U (0.12)	U (0.0039)	U (0.0021)	U (0.0025)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.0022)	U (0.0033)	0.00124 J (0.0019)	U (0.0018)	U (0.0026)	U (0.0021)	U (0.002)	U (0.0021)	U (0.12)	U (0.0039)	U (0.0021)	U (0.0025)	

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- 4 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-Y01-c	301-Y01-c	301-Y02-b	301-Y02-b	301-Y02-b	301-Y02-b	301-Y02-b	301-Z01-c	301-Z01-c	301-Z01-c	301-Z01-d	301-Z02-a	301-Z02-b	301-Z02-c
Cell	Soil Direct Contact	Soil to	301-Y01	301-Y01	301-Y02	301-Y02	301-Y02	301-Y02	301-Y02	301-Z01	301-Z01	301-Z01	301-Z01	301-Z02	301-Z02	301-Z02
Field Sample ID	Numeric Value	Groundwater	301-Y01-C3-VOC	301-Y01-C4-VOC	301-Y02-C1-VOC	301-Y02-C2-VOC	301-Y02-C3-VOC	301-Y02-C4-VOC	301-Y02-C4-VOC	301-Z01-C1-VOC	301-Z01-C2-VOC	301-Z01-C3-VOC	301-Z01-C4-VOC	301-Z02-C1-VOC	301-Z02-C2-VOC	301-Z02-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.7 - 0.9	1.1 - 1.2	0.5 - 0.6	1.2 - 1.4	2.1 - 2.3	3.0 - 3.2	3.0 - 3.2	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.2 - 1.4	0.2 - 0.3	0.3 - 0.5	0.6 - 0.8
Sample Date	(mg/kg)	(mg/kg)	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/9/2022	8/9/2022	8/9/2022
VOCs																
Benzene	280	0.5	U (0.0005)	U (0.00043)	0.001 (0.00052)	U (0.029)	U (0.029)	U (0.34)	U (0.00049)	U (0.00046)	U (0.00048)	U (0.00062)	U (0.00049)	U (0.00056)	U (0.0005)	
Cumene	10000	2500	0.00017 J (0.00099)	U (0.00086)	0.058 (0.001)	4.6 (0.057)	12 (0.058)	54 (0.67)	U (0.00099)	U (0.00093)	U (0.00097)	U (0.0012)	U (0.00098)	U (0.0011)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.0005)	U (0.00043)	U (0.00052)	U (0.029)	U (0.029)	U (0.34)	U (0.00049)	U (0.00046)	U (0.00048)	U (0.00062)	U (0.00049)	U (0.00056)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.00099)	U (0.00086)	U (0.001)	U (0.057)	U (0.058)	U (0.67)	U (0.00099)	U (0.00093)	U (0.00097)	U (0.0012)	U (0.00098)	U (0.0011)	U (0.001)	
Ethyl Benzene	880	70	U (0.00099)	U (0.00086)	0.00052 J (0.001)	0.014 J (0.057)	0.032 J (0.058)	0.1 J (0.67)	U (0.00099)	U (0.00093)	U (0.00097)	U (0.0012)	U (0.00098)	U (0.0011)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0017)	U (0.0021)	U (0.11)	U (0.12)	U (1.3)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.002)	U (0.0022)	U (0.002)	
Toluene	10000	100	U (0.00099)	U (0.00086)	0.001 (0.001)	0.054 J (0.057)	0.094 (0.058)	U (0.67)	U (0.00099)	U (0.00093)	U (0.00097)	U (0.0012)	U (0.00098)	U (0.0011)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.0017)	0.0014 J (0.0021)	U (0.11)	U (0.12)	U (1.3)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.002)	U (0.0022)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.0017)	U (0.0021)	U (0.11)	U (0.12)	U (1.3)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.002)	U (0.0022)	U (0.002)	
Xylenes (total)	7900	1000	U (0.002)	U (0.0017)	0.00188 J (0.0021)	U (0.11)	0.087 J (0.12)	U (1.3)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.002)	U (0.0022)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-Z02-c	301-Z02-c	301-Z03-d	301-Z03-d	301-Z03-d	301-Z03-d	301-Z03-d	302-AD03-a	302-AD03-a	302-AD03-b	302-AD03-b	302-AD04-b	302-AD04-b	302-AD04-b
Cell	Soil Direct Contact	Soil to	301-Z02	301-Z02	301-Z03	301-Z03	301-Z03	301-Z03	301-Z03	302-AD03	302-AD03	302-AD03	302-AD03	302-AD04	302-AD04	302-AD04
Field Sample ID	Numeric Value	Groundwater	301-Z02-C4-VOC	301-Z02-C5-VOC	301-Z03-C1-VOC	301-Z03-C2-VOC	301-Z03-C3-VOC	301-Z03-C4-VOC	301-Z03-C4-VOC	302-AD03-C3-VOC	302-AD03-C4-VOC	302-AD03-C1-VOC	302-AD03-C2-VOC	302-AD04-C1-VOC	302-AD04-C3-VOC	302-AD04-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	1.2 - 1.4	0.5 - 0.6	1.1 - 1.2	2.4 - 2.6	3.0 - 3.2	3.4 - 3.5	5.5 - 5.6	1.2 - 1.4	2.4 - 2.6	0.5 - 0.6	2.0 - 2.1	3.0 - 3.2	
Sample Date	(mg/kg)	(mg/kg)	8/9/2022	8/9/2022	8/10/2022	8/10/2022	8/10/2022	8/10/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/17/2022	8/17/2022	8/17/2022	
VOCs																
Benzene	280	0.5	U (0.00049)	U (0.029)	U (0.0011)	U (0.0017)	U (0.00072)	U (0.035)	U (0.00068)	U (0.0005)	U (0.00056)	U (0.00051)	U (0.00086)	U (0.0007)	U (0.00048)	
Cumene	10000	2500	U (0.00098)	0.12 (0.059)	U (0.0022)	U (0.0035)	U (0.0014)	U (0.07)	U (0.0014)	U (0.001)	U (0.0011)	U (0.001)	U (0.0017)	U (0.0014)	U (0.00096)	
1,2-Dibromoethane	3.7	0.005	U (0.00049)	U (0.029)	U (0.0011)	U (0.0017)	U (0.00072)	U (0.035)	U (0.00068)	U (0.0005)	U (0.00056)	U (0.00051)	U (0.00086)	U (0.0007)	U (0.00048)	
1,2-Dichloroethane	85	0.5	U (0.00098)	U (0.059)	U (0.0022)	U (0.0035)	U (0.0014)	U (0.07)	U (0.0014)	U (0.001)	U (0.0011)	U (0.001)	U (0.0017)	U (0.0014)	U (0.00096)	
Ethyl Benzene	880	70	U (0.00098)	0.0083 J (0.059)	U (0.0022)	U (0.0035)	U (0.0014)	U (0.07)	U (0.0014)	U (0.001)	U (0.0011)	U (0.001)	U (0.0017)	U (0.0014)	U (0.00096)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.12)	U (0.0045)	U (0.007)	U (0.0029)	U (0.14)	U (0.0027)	U (0.002)	U (0.0022)	U (0.002)	U (0.0034)	U (0.0028)	U (0.0019)	
Toluene	10000	100	U (0.00098)	U (0.059)	U (0.0022)	U (0.0035)	U (0.0014)	U (0.07)	U (0.0014)	U (0.001)	U (0.0011)	U (0.001)	U (0.0017)	U (0.0014)	U (0.00096)	
1,2,4-Trimethylbenzene	4700	300	U (0.002)	0.35 (0.12)	U (0.0045)	U (0.007)	U (0.0029)	U (0.14)	U (0.0027)	0.0007 J (0.002)	U (0.0022)	U (0.002)	U (0.0034)	U (0.0028)	U (0.0019)	
1,3,5-Trimethylbenzene	4700	93	U (0.002)	0.26 (0.12)	U (0.0045)	U (0.007)	U (0.0029)	U (0.14)	U (0.0027)	0.00025 J (0.002)	U (0.0022)	U (0.002)	U (0.0034)	U (0.0028)	U (0.0019)	
Xylenes (total)	7900	1000	U (0.002)	U (0.12)	U (0.0045)	U (0.007)	U (0.0029)	U (0.14)	U (0.0027)	0.0013 J (0.002)	U (0.0022)	U (0.002)	U (0.0034)	U (0.0028)	U (0.0019)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AD04-b	302-AD04-c	302-AD05-c	302-AD05-c	302-AD05-c	302-AD05-c	302-AD05-c	302-AD06-d	302-AD06-d	302-AD06-d	302-AD06-d	302-AD07-a	302-AD07-a	302-AD07-a
Cell	Soil Direct Contact	Soil to	302-AD04	302-AD04	302-AD05	302-AD05	302-AD05	302-AD05	302-AD05	302-AD06	302-AD06	302-AD06	302-AD06	302-AD07	302-AD07	302-AD07
Field Sample ID	Numeric Value	Groundwater	302-AD04-C5-VOC	302-AD04-C2-VOC	302-AD05-C1-VOC	302-AD05-C2-VOC	302-AD05-C3-VOC	302-AD05-C4-VOC	302-AD06-C1-VOC	302-AD06-C2-VOC	302-AD06-C3-VOC	302-AD06-C4-VOC	302-AD07-C1-VOC	302-AD07-C2-VOC	302-AD07-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4.0 - 4.1	1.4 - 1.5	0.5 - 0.6	0.8 - 0.9	1.5 - 1.7	2.1 - 2.3	0.2 - 0.3	0.5 - 0.6	0.9 - 1.1	1.4 - 1.5	0.5 - 0.6	0.9 - 1.1	1.7 - 1.8	
Sample Date	(mg/kg)	(mg/kg)	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	
VOCs																
Benzene	280	0.5	U (0.00055)	U (0.0006)	U (0.00051)	U (0.00054)	U (0.0005)	0.00042 J (0.00046)	0.00088 (0.00052)	0.0012 (0.0005)	U (0.034)	U (0.038)	U (0.00057)	U (0.00052)	U (0.00069)	
Cumene	10000	2500	U (0.0011)	U (0.0012)	0.047 (0.001)	0.0017 (0.0011)	0.0014 (0.00099)	0.0013 (0.00091)	0.00023 J (0.001)	0.0015 (0.001)	4.4 (0.068)	0.018 J (0.075)	U (0.0011)	0.00015 J (0.001)	U (0.0014)	
1,2-Dibromoethane	3.7	0.005	U (0.00055)	U (0.0006)	U (0.00051)	U (0.00054)	U (0.0005)	U (0.00046)	U (0.00052)	U (0.0005)	U (0.034)	U (0.038)	U (0.00057)	U (0.00052)	U (0.00069)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	U (0.00099)	U (0.00091)	U (0.001)	U (0.001)	U (0.068)	U (0.075)	U (0.0011)	U (0.001)	U (0.0014)	
Ethyl Benzene	880	70	U (0.0011)	U (0.0012)	0.00054 J (0.001)	U (0.0011)	U (0.00099)	U (0.00091)	0.00049 J (0.001)	0.00016 J (0.001)	U (0.068)	U (0.075)	U (0.0011)	U (0.001)	U (0.0014)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0024)	U (0.002)	U (0.0022)	U (0.002)	U (0.0018)	U (0.0021)	U (0.002)	U (0.14)	U (0.15)	U (0.0023)	U (0.0021)	U (0.0028)	
Toluene	10000	100	U (0.0011)	U (0.0012)	U (0.001)	U (0.0011)	U (0.00099)	U (0.00091)	0.00072 J (0.001)	U (0.001)	0.037 J (0.068)	U (0.075)	U (0.0011)	U (0.001)	U (0.0014)	
1,2,4-Trimethylbenzene	4700	300	U (0.0022)	U (0.0024)	0.0011 J (0.002)	U (0.0022)	U (0.002)	U (0.0018)	0.00085 J (0.0021)	0.0014 J (0.002)	U (0.14)	U (0.15)	U (0.0023)	U (0.0021)	U (0.0028)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.0024)	U (0.002)	U (0.0022)	U (0.002)	U (0.0018)	0.00039 J (0.0021)	0.00064 J (0.002)	U (0.14)	U (0.15)	U (0.0023)	U (0.0021)	U (0.0028)	
Xylenes (total)	7900	1000	U (0.0022)	U (0.0024)	0.00141 J (0.002)	U (0.0022)	U (0.002)	0.00143 J (0.0018)	0.0041 J (0.0021)	0.00153 J (0.002)	U (0.14)	U (0.15)	U (0.0023)	U (0.0021)	U (0.0028)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AD07-a	302-AD07-a	302-AE03-a	302-AE03-b	302-AE03-c	302-AE03-d	302-AE03-d	302-AE03-d	302-AE04-a	302-AE04-a	302-AE04-a	302-AE04-a	302-AE04-a	302-AE05-a
Cell	Soil Direct Contact	Soil to	302-AD07	302-AD07	302-AE03	302-AE03	302-AE03	302-AE03	302-AE03	302-AE03	302-AE04	302-AE04	302-AE04	302-AE04	302-AE04	302-AE05
Field Sample ID	Numeric Value	Groundwater	302-AD07-C4-VOC	302-AD07-C5-VOC	302-AE03-C1-VOC	302-AE03-C5-VOC	302-AE03-C3-VOC	302-AE03-C2-VOC	302-AE03-C4-VOC	302-AE04-C1-VOC	302-AE04-C2-VOC	302-AE04-C3-VOC	302-AE04-C4-VOC	302-AE04-C5-VOC	302-AE05-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.4 - 2.6	3.4 - 3.5	0.5 - 0.6	1.4 - 1.5	0.8 - 0.9	1.7 - 1.8	3.0 - 3.2	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	1.4 - 1.5	0.2 - 0.3	
Sample Date	(mg/kg)	(mg/kg)	8/18/2022	8/18/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/19/2022	
VOCs																
Benzene	280	0.5	U (0.00044)	U (0.00048)	U (0.036)	U (0.00046)	U (0.028)	U (0.00052)	U (0.0005)	U (0.0004)	U (0.029)	U (0.028)	U (0.00046)	U (0.00057)	U (0.00049)	
Cumene	10000	2500	U (0.00088)	U (0.00096)	0.24 (0.073)	0.082 (0.052)	0.23 (0.055)	0.15 (0.0012)	U (0.001)	U (0.0008)	1 (0.058)	0.28 (0.056)	U (0.00093)	U (0.0011)	U (0.00098)	
1,2-Dibromoethane	3.7	0.005	U (0.00044)	U (0.00048)	U (0.036)	U (0.00046)	U (0.028)	U (0.00052)	U (0.0005)	U (0.0004)	U (0.029)	U (0.028)	U (0.00046)	U (0.00057)	U (0.00049)	
1,2-Dichloroethane	85	0.5	U (0.00088)	U (0.00096)	U (0.073)	U (0.00092)	U (0.055)	U (0.001)	U (0.001)	U (0.0008)	U (0.058)	U (0.056)	U (0.00093)	U (0.0011)	U (0.00098)	
Ethyl Benzene	880	70	U (0.00088)	U (0.00096)	0.012 J (0.073)	0.014 J (0.052)	0.034 J (0.055)	0.0032 (0.001)	U (0.001)	U (0.0008)	0.14 (0.058)	0.038 J (0.056)	U (0.00093)	U (0.0011)	U (0.00098)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0019)	U (0.14)	U (0.0018)	U (0.11)	U (0.0021)	U (0.002)	U (0.0016)	U (0.12)	U (0.11)	U (0.0018)	U (0.0023)	U (0.002)	
Toluene	10000	100	U (0.00088)	U (0.00096)	U (0.073)	U (0.00092)	U (0.055)	U (0.001)	U (0.001)	U (0.0008)	0.037 J (0.058)	0.032 J (0.056)	U (0.00093)	U (0.0011)	U (0.00098)	
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0019)	0.042 J (0.14)	0.76 (0.1)	1.7 (0.11)	0.0014 J (0.0021)	U (0.002)	U (0.0016)	0.063 J (0.12)	4.1 (0.11)	U (0.0018)	U (0.0023)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0019)	U (0.14)	0.15 (0.1)	0.42 (0.11)	U (0.0021)	U (0.002)	U (0.0016)	0.026 J (0.12)	2 (0.11)	U (0.0018)	U (0.0023)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0018)	U (0.0019)	0.089 J (0.14)	0.03246 J (0.1)	0.0975 J (0.11)	0.00205 J (0.0021)	U (0.002)	U (0.0016)	0.16 J (0.12)	0.079 J (0.11)	U (0.0018)	U (0.0023)	U (0.002)	

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- 4 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AE05-a 302-AE05	302-AE05-b 302-AE05	302-AE05-b 302-AE05	302-AE05-c 302-AE05	302-AE06-c 302-AE06	302-AE06-c 302-AE06	302-AE06-c 302-AE06	302-AE06-c 302-AE06	302-AE06-c 302-AE06	302-AE07-b 302-AE07	302-AE07-b 302-AE07	302-AE07-b 302-AE07	302-AE07-b 302-AE07	302-AE07-b 302-AE07
Field Sample ID	Numeric Value	Numeric Value	302-AE05-C2-VOC	302-AE05-C3-VOC	302-AE05-C5-VOC	302-AE05-C4-VOC	302-AE06-C1-VOC	302-AE06-C2-VOC	302-AE06-C3-VOC	302-AE06-C4-VOC	302-AE07-C1-VOC	302-AE07-C2-VOC	302-AE07-C3-VOC	302-AE07-C4-VOC	302-AE07-C5-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	0.5 - 0.6	0.5 - 0.6	1.1 - 1.2	2.9 - 3.0	0.6 - 0.8	1.2 - 1.4	2.4 - 2.6	2.7 - 2.9	0.6 - 0.8	1.2 - 1.4	2.3 - 2.4	3.4 - 3.5	4.6 - 4.7	
Sample Date	(mg/kg)	(mg/kg)	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	
VOCs																
Benzene	280	0.5	U (0.00046)	U (0.00067)	0.0027 (0.00047)	U (0.0004)	0.0011 (0.0008)	0.058 J (0.069)	21 (0.3)	0.0016 (0.00067)	17 (0.035)	0.00073 (0.00049)	5 (0.028)	0.039 (0.036)	7.4 (0.036)	
Cumene	10000	2500	U (0.00092)	U (0.0013)	0.00051 J (0.00095)	0.00017 J (0.0008)	0.00018 J (0.0016)	U (0.14)	3 (0.061)	0.00099 J (0.0013)	2.8 (0.07)	U (0.00098)	0.58 (0.057)	0.17 (0.072)	0.81 (0.071)	
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.00067)	U (0.00047)	U (0.0004)	U (0.0008)	U (0.069)	U (0.03)	U (0.00067)	U (0.035)	U (0.00049)	U (0.028)	U (0.036)	U (0.036)	
1,2-Dichloroethane	85	0.5	U (0.00092)	U (0.0013)	U (0.00095)	U (0.0008)	U (0.0016)	U (0.14)	U (0.061)	U (0.0013)	U (0.07)	U (0.00098)	U (0.057)	U (0.072)	U (0.071)	
Ethyl Benzene	880	70	U (0.00092)	U (0.0013)	0.00044 J (0.00095)	U (0.0008)	0.00026 J (0.0016)	0.041 J (0.14)	15 (0.061)	0.00098 J (0.0013)	13 (0.07)	U (0.00098)	2.1 (0.057)	0.033 J (0.072)	3 (0.071)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0027)	U (0.0019)	U (0.0016)	U (0.0032)	U (0.28)	U (0.12)	U (0.0027)	U (0.14)	U (0.002)	U (0.11)	U (0.14)	U (0.14)	
Toluene	10000	100	U (0.00092)	U (0.0013)	U (0.00095)	U (0.0008)	U (0.0016)	U (0.14)	2.1 (0.061)	U (0.0013)	0.46 (0.07)	U (0.00098)	0.042 J (0.057)	U (0.072)	0.042 J (0.071)	
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0027)	0.00052 J (0.0019)	U (0.0016)	U (0.0032)	0.062 J (0.28)	30 (1.2)	0.0025 J (0.0027)	35 (7)	U (0.002)	6.4 (0.11)	0.32 (0.14)	8.6 (0.14)	
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0027)	0.00037 J (0.0019)	U (0.0016)	U (0.0032)	U (0.28)	10 (0.12)	0.00087 J (0.0027)	10 (0.14)	U (0.002)	2.2 (0.11)	0.13 J (0.14)	3.1 (0.14)	
Xylenes (total)	7900	1000	U (0.0018)	U (0.0027)	0.001875 J (0.0019)	U (0.0016)	U (0.0032)	0.25 J (0.28)	89 J (1.2)	0.0067 J (0.0027)	92 J (7)	U (0.002)	13.8 J (0.11)	0.223 J (0.14)	20.5 J (0.14)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AE08-a 302-AE08 302-AE08-C1-VOC 8/30/2022	302-AE08-a 302-AE08 302-AE08-C2-VOC 8/30/2022	302-AE08-a 302-AE08 302-AE08-C3-VOC 8/30/2022	302-AE08-a 302-AE08 302-AE08-C4-VOC 8/30/2022	302-AF03-c 302-AF03 302-AF03-C1-VOC 10/17/2022	302-AF03-c 302-AF03 302-AF03-C2-VOC 10/17/2022	302-AF03-c 302-AF03 302-AF03-C3-VOC 10/17/2022	302-AF03-c 302-AF03 302-AF03-C4-VOC 10/17/2022	302-AF03-c 302-AF03 302-AF03-C5-VOC 10/17/2022	302-AF04-c 302-AF04 302-AF04-C1-VOC 10/19/2022	302-AF04-c 302-AF04 302-AF04-C2-VOC 10/19/2022	302-AF04-c 302-AF04 302-AF04-C3-VOC 10/19/2022	302-AF04-c 302-AF04 302-AF04-C4-VOC 10/19/2022
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	0.2 - 0.3	0.6 - 0.8	1.2 - 1.4	1.8 - 2.0	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	1.4 - 1.5	0.5 - 0.6	1.1 - 1.2	2.3 - 2.4	3.0 - 3.2
Collection Depth (ft bgs)															
Sample Date	(mg/kg)	(mg/kg)	8/30/2022	8/30/2022	8/30/2022	8/30/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022
VOCs															
Benzene	280	0.5	U (0.0006)	U (0.00048)	0.0028 (0.00057)	U (0.00058)	U (0.00053)	0.00068 (0.00043)	U (0.00066)	U (0.00052)	U (0.00066)	U (0.00048)	U (0.00049)	U (0.028)	U (0.00047)
Cumene	10000	2500	U (0.0012)	U (0.00096)	U (0.0011)	U (0.0012)	U (0.001)	0.0015 (0.00086)	U (0.0013)	U (0.001)	U (0.0013)	U (0.00097)	U (0.00098)	0.8 (0.056)	0.0045 (0.00095)
1,2-Dibromoethane	3.7	0.005	U (0.0006)	U (0.00048)	U (0.00057)	U (0.00058)	U (0.00053)	U (0.00043)	U (0.00066)	U (0.00052)	U (0.00066)	U (0.00048)	U (0.00049)	U (0.028)	U (0.00047)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.00096)	U (0.0011)	U (0.0012)	U (0.001)	U (0.00086)	U (0.0013)	U (0.001)	U (0.0013)	U (0.00097)	U (0.00098)	U (0.056)	U (0.00095)
Ethyl Benzene	880	70	U (0.0012)	U (0.00096)	U (0.0011)	U (0.0012)	U (0.001)	0.00019 J (0.00086)	U (0.0013)	U (0.001)	U (0.0013)	U (0.00097)	U (0.00098)	U (0.056)	U (0.00095)
Methyl tert-butyl ether	8500	2	U (0.0024)	U (0.0019)	U (0.0023)	U (0.0023)	U (0.0021)	U (0.0017)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0019)	U (0.002)	U (0.11)	U (0.0019)
Toluene	10000	100	U (0.0012)	U (0.00096)	U (0.0011)	U (0.0012)	U (0.001)	U (0.00086)	U (0.0013)	U (0.001)	U (0.0013)	U (0.00097)	U (0.00098)	U (0.056)	U (0.00095)
1,2,4-Trimethylbenzene	4700	300	U (0.0024)	U (0.0019)	0.0014 J (0.0023)	U (0.0023)	U (0.0021)	0.0065 (0.0017)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0019)	U (0.002)	U (0.11)	U (0.0019)
1,3,5-Trimethylbenzene	4700	93	U (0.0024)	U (0.0019)	0.0011 J (0.0023)	U (0.0023)	U (0.0021)	0.00078 J (0.0017)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0019)	U (0.002)	U (0.11)	U (0.0019)
Xylenes (total)	7900	1000	U (0.0024)	U (0.0019)	0.00175 J (0.0023)	U (0.0023)	U (0.0021)	0.00092 J (0.0017)	U (0.0026)	U (0.0021)	U (0.0026)	U (0.0019)	U (0.002)	U (0.11)	0.00126 J (0.0019)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AF04-c	302-AF05-a	302-AF05-b	302-AF05-b	302-AF05-b	302-AF05-b	302-AF05-b	302-AF07-b	302-AF07-b	302-AF07-b	302-AF07-b	302-AF07-b	302-AF08-c	302-AF08-c
Cell	Soil Direct Contact	Soil to	302-AF04	302-AF05	302-AF05	302-AF05	302-AF05	302-AF05	302-AF05	302-AF07	302-AF07	302-AF07	302-AF07	302-AF07	302-AF08	302-AF08
Field Sample ID	Numeric Value	Groundwater	302-AF04-C5-VOC	302-AF05-C1-VOC	302-AF05-C2-VOC	302-AF05-C3-VOC	302-AF05-C4-VOC	302-AF05-C5-VOC	302-AF07-C1-VOC	302-AF07-C2-VOC	302-AF07-C3-VOC	302-AF07-C4-VOC	302-AF07-C5-VOC	302-AF08-C1-VOC	302-AF08-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.7 - 3.8	0.6 - 0.8	0.6 - 0.8	0.9 - 1.1	1.4 - 1.5	1.8 - 2.0	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	1.5 - 1.7	2.0 - 2.1	0.0 - 0.1	0.1 - 0.2	
Sample Date	(mg/kg)	(mg/kg)	10/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	
VOCs																
Benzene	280	0.5	U (0.00063)	0.00027 J (0.00057)	0.019 (0.00093)	U (0.00051)	0.00034 J (0.00047)	U (0.00044)	U (0.063)	U (0.052)	U (0.00054)	U (0.00053)	U (0.00048)	U (0.00052)	U (0.00048)	
Cumene	10000	2500	0.00099 J (0.0013)	U (0.0011)	0.017 (0.0019)	U (0.001)	0.00019 J (0.00095)	U (0.00089)	3 (0.12)	6.4 (0.1)	U (0.0011)	0.01 (0.0011)	0.00014 J (0.00096)	0.00015 J (0.001)	0.015 (0.00097)	
1,2-Dibromoethane	3.7	0.005	U (0.00063)	U (0.00057)	U (0.00093)	U (0.00051)	U (0.00047)	U (0.00044)	U (0.063)	U (0.052)	U (0.00054)	U (0.00053)	U (0.00048)	U (0.00052)	U (0.00048)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0011)	U (0.0019)	U (0.001)	U (0.00095)	U (0.00089)	U (0.12)	U (0.1)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.001)	U (0.00097)	
Ethyl Benzene	880	70	U (0.0013)	U (0.0011)	0.0011 J (0.0019)	U (0.001)	U (0.00095)	U (0.00089)	U (0.12)	U (0.1)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.001)	U (0.00097)	
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.0023)	U (0.0037)	U (0.002)	U (0.0019)	U (0.0018)	U (0.25)	U (0.21)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.0021)	U (0.0019)	
Toluene	10000	100	U (0.0013)	U (0.0011)	0.002 (0.0019)	U (0.001)	U (0.00095)	U (0.00089)	U (0.12)	U (0.1)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.001)	U (0.00097)	
1,2,4-Trimethylbenzene	4700	300	U (0.0025)	U (0.0023)	0.0018 J (0.0037)	U (0.002)	U (0.0019)	U (0.0018)	U (0.25)	U (0.21)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.0021)	U (0.0019)	
1,3,5-Trimethylbenzene	4700	93	U (0.0025)	U (0.0023)	0.00056 J (0.0037)	U (0.002)	U (0.0019)	U (0.0018)	U (0.25)	0.34 (0.21)	U (0.0022)	0.00033 J (0.0021)	U (0.0019)	U (0.0021)	0.0016 J (0.0019)	
Xylenes (total)	7900	1000	U (0.0025)	U (0.0023)	0.0074 J (0.0037)	U (0.002)	U (0.0019)	U (0.0018)	U (0.25)	0.122 J (0.21)	U (0.0022)	U (0.0021)	U (0.0019)	U (0.0021)	U (0.0019)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AF08-c	302-AF08-c	302-AF09-b	302-AF09-b	302-AF09-b	302-AF09-b	302-AG03-a	302-AG03-a	302-AG03-a	302-AG03-a	302-AG03-a	302-AG04-a	302-AG04-a	302-AG04-a
Cell	Soil Direct Contact	Soil to	302-AF08	302-AF08	302-AF09	302-AF09	302-AF09	302-AF09	302-AG03	302-AG03	302-AG03	302-AG03	302-AG03	302-AG04	302-AG04	302-AG04
Field Sample ID	Numeric Value	Groundwater	302-AF08-C3-VOC	302-AF08-C4-VOC	302-AF09-C1-VOC	302-AF09-C2-VOC	302-AF09-C3-VOC	302-AG03-C1-VOC	302-AG03-C2-VOC	302-AG03-C3-VOC	302-AG03-C4-VOC	302-AG03-C5-VOC	302-AG04-C1-VOC	302-AG04-C2-VOC	302-AG04-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.2 - 0.3	0.3 - 0.4	0.0 - 0.2	0.2 - 0.4	0.5 - 0.6	0.6 - 0.8	2.3 - 2.4	3.7 - 3.8	4.9 - 5.0	5.5 - 5.6	0.6 - 0.8	1.5 - 1.7	3.7 - 3.8	
Sample Date	(mg/kg)	(mg/kg)	8/29/2022	8/29/2022	8/31/2022	8/31/2022	8/31/2022	10/18/2022	10/18/2022	10/18/2022	10/18/2022	10/18/2022	8/22/2022	8/22/2022	8/22/2022	
VOCs																
Benzene	280	0.5	U (0.071)	U (0.063)	U (0.00048)	U (0.0005)	U (0.00054)	U (0.03)	0.021 J (0.024)	U (0.032)	0.024 J (0.03)	U (0.033)	U (0.00064)	0.00075 J (0.00076)	U (0.03)	
Cumene	10000	2500	8 (0.14)	2.9 (0.13)	U (0.00095)	U (0.001)	U (0.0011)	0.82 (0.06)	0.6 (0.049)	1 (0.063)	0.66 (0.06)	0.54 (0.066)	U (0.0013)	0.0086 (0.0015)	2.7 (0.06)	
1,2-Dibromoethane	3.7	0.005	U (0.071)	U (0.063)	U (0.00048)	U (0.0005)	U (0.00054)	U (0.03)	U (0.024)	U (0.032)	U (0.03)	U (0.033)	U (0.00064)	U (0.00076)	U (0.03)	
1,2-Dichloroethane	85	0.5	U (0.14)	U (0.13)	U (0.00095)	U (0.001)	U (0.0011)	U (0.06)	U (0.049)	U (0.063)	U (0.06)	U (0.066)	U (0.0013)	U (0.0015)	U (0.06)	
Ethyl Benzene	880	70	U (0.14)	U (0.13)	U (0.00095)	U (0.001)	U (0.0011)	U (0.06)	1.8 (0.049)	U (0.063)	0.05 J (0.06)	U (0.066)	U (0.0013)	0.00032 J (0.0015)	0.12 (0.06)	
Methyl tert-butyl ether	8500	2	U (0.28)	U (0.25)	U (0.0019)	U (0.002)	U (0.0022)	U (0.12)	U (0.097)	U (0.13)	U (0.12)	U (0.13)	U (0.0026)	U (0.003)	U (0.12)	
Toluene	10000	100	U (0.14)	U (0.13)	U (0.00095)	U (0.001)	U (0.0011)	U (0.06)	U (0.049)	U (0.063)	0.042 J (0.06)	U (0.066)	U (0.0013)	U (0.0015)	0.054 J (0.06)	
1,2,4-Trimethylbenzene	4700	300	U (0.28)	U (0.25)	U (0.0019)	U (0.002)	U (0.0022)	U (0.12)	5.2 (0.097)	U (0.13)	0.039 J (0.12)	0.026 J (0.13)	U (0.0026)	0.00095 J (0.003)	1.6 (0.12)	
1,3,5-Trimethylbenzene	4700	93	U (0.28)	U (0.25)	U (0.0019)	U (0.002)	U (0.0022)	U (0.12)	1.5 (0.097)	U (0.13)	U (0.12)	U (0.13)	U (0.0026)	0.00052 J (0.003)	0.18 (0.12)	
Xylenes (total)	7900	1000	U (0.28)	U (0.25)	U (0.0019)	U (0.002)	U (0.0022)	U (0.12)	3.92 J (0.097)	0.088 J (0.13)	0.127 J (0.12)	U (0.13)	U (0.0026)	0.00202 J (0.003)	U (0.12)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AG04-b	302-AG05-b	302-AG05-b	302-AG05-c	302-AG05-d	302-AG06-a	302-AG06-a	302-AG06-a	302-AG06-a	302-AG08-b	302-AG08-b	302-AG08-b	302-AG08-b
Cell	Soil Direct Contact	Soil to	302-AG04	302-AG05	302-AG05	302-AG05	302-AG05	302-AG06	302-AG06	302-AG06	302-AG06	302-AG08	302-AG08	302-AG08	302-AG08
Field Sample ID	Numeric Value	Groundwater	302-AG04-C3-VOC	302-AG05-C1-VOC	302-AG05-C4-VOC	302-AG05-C3-VOC	302-AG05-C2-VOC	302-AG06-C1-VOC	302-AG06-C2-VOC	302-AG06-C3-VOC	302-AG06-C4-VOC	302-AG08-C1-VOC	302-AG08-C2-VOC	302-AG08-C3-VOC	302-AG08-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.8 - 0.9	0.3 - 0.5	1.8 - 2.0	1.2 - 1.4	1.4 - 1.5	0.9 - 1.1	1.4 - 1.5	2.7 - 2.9	4.0 - 4.1	0.3 - 0.5	1.5 - 1.7	2.6 - 2.7	3.8 - 4.0
Sample Date	(mg/kg)	(mg/kg)	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022
VOCs															
Benzene	280	0.5	0.013 J (0.03)	0.052 (0.032)	0.00072 (0.00046)	U (0.031)	U (0.033)	0.00025 J (0.00061)	0.00068 (0.00058)	0.00021 J (0.00048)	0.00025 J (0.00048)	U (0.00051)	0.74 (0.059)	0.45 (0.029)	0.38 (0.027)
Cumene	10000	2500	4 (0.059)	0.44 (0.064)	0.032 (0.00093)	0.67 (0.062)	1.7 (0.065)	0.00015 J (0.0012)	0.00038 J (0.0012)	0.0003 J (0.00096)	0.00011 J (0.00096)	U (0.001)	9.2 (0.12)	4.7 (0.059)	4.8 (0.054)
1,2-Dibromoethane	3.7	0.005	U (0.03)	U (0.032)	U (0.00046)	U (0.031)	U (0.033)	U (0.00061)	U (0.00058)	U (0.00048)	U (0.00048)	U (0.00051)	U (0.059)	U (0.029)	U (0.027)
1,2-Dichloroethane	85	0.5	U (0.059)	U (0.064)	U (0.00093)	U (0.062)	U (0.065)	U (0.0012)	U (0.0012)	U (0.00096)	U (0.00096)	U (0.001)	U (0.12)	U (0.059)	U (0.054)
Ethyl Benzene	880	70	0.46 (0.059)	0.033 J (0.064)	0.00022 J (0.00093)	U (0.062)	U (0.065)	U (0.0012)	U (0.0012)	U (0.00096)	U (0.00096)	U (0.001)	4.8 (0.12)	2.7 (0.059)	3.5 (0.054)
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.13)	U (0.0019)	U (0.12)	U (0.13)	U (0.0024)	U (0.0023)	U (0.0019)	U (0.0019)	U (0.002)	U (0.24)	U (0.12)	U (0.11)
Toluene	10000	100	0.087 (0.059)	U (0.064)	0.00052 J (0.00093)	U (0.062)	U (0.065)	U (0.0012)	U (0.0012)	U (0.00096)	U (0.00096)	U (0.001)	0.85 (0.12)	0.32 (0.059)	0.1 (0.054)
1,2,4-Trimethylbenzene	4700	300	11 (0.12)	0.039 J (0.13)	0.0031 (0.0019)	U (0.12)	U (0.13)	U (0.0024)	U (0.0023)	U (0.0019)	U (0.0019)	U (0.002)	49 (2.4)	18 (2.4)	11 (0.11)
1,3,5-Trimethylbenzene	4700	93	1.7 (0.12)	0.014 J (0.13)	0.0013 J (0.0019)	U (0.12)	U (0.13)	U (0.0024)	0.00058 J (0.0023)	0.00023 J (0.0019)	U (0.0019)	U (0.002)	22 (0.24)	9.5 (0.12)	4.2 (0.11)
Xylenes (total)	7900	1000	0.081 J (0.12)	0.091 J (0.13)	0.00123 J (0.0019)	U (0.12)	U (0.13)	U (0.0024)	U (0.0023)	U (0.0019)	U (0.0019)	U (0.002)	8.4 J (0.24)	2.56 J (0.12)	0.598 J (0.11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AG08-b	302-AG09-a	302-AG10-d	302-AH04-c	302-AH04-c	302-AH04-c	302-AH04-c	302-AH04-c	302-AH04-c	302-AH05-d	302-AH05-d	302-AH05-d	302-AH05-d	302-AH06-d
Cell	Soil Direct Contact	Soil to	302-AG08	302-AG09	302-AG10	302-AH04	302-AH04	302-AH04	302-AH04	302-AH04	302-AH04	302-AH05	302-AH05	302-AH05	302-AH05	302-AH06
Field Sample ID	Numeric Value	Groundwater	302-AG08-C5-VOC	302-AG09-C1-VOC	302-AG10-C1-VOC	302-AH04-C1-VOC	302-AH04-C2-VOC	302-AH04-C3-VOC	302-AH04-C4-VOC	302-AH04-C5-VOC	302-AH05-C1-VOC	302-AH05-C2-VOC	302-AH05-C3-VOC	302-AH05-C4-VOC	302-AH06-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.5 - 5.6	2.1 - 2.3	0.9 - 1.1	0.3 - 0.5	0.8 - 0.9	1.2 - 1.4	2.0 - 2.1	2.6 - 2.7	0.5 - 0.6	0.9 - 1.1	2.1 - 2.3	2.7 - 2.9	0.6 - 0.8	
Sample Date	(mg/kg)	(mg/kg)	8/30/2022	8/30/2022	8/31/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	8/23/2022	
VOCs																
Benzene	280	0.5	2 (0.054)	0.00054 J (0.00067)	U (0.00064)	U (0.00048)	U (0.034)	U (0.03)	U (0.00046)	U (0.00051)	U (0.00053)	U (0.00054)	U (0.00049)	U (0.0005)	U (0.1)	
Cumene	10000	2500	17 (0.11)	0.0015 (0.0013)	U (0.0013)	U (0.00097)	0.61 (0.067)	0.44 (0.059)	0.017 (0.00091)	0.015 (0.001)	U (0.001)	U (0.0011)	U (0.00099)	U (0.001)	0.27 (0.2)	
1,2-Dibromoethane	3.7	0.005	U (0.054)	U (0.00067)	U (0.00064)	U (0.00048)	U (0.034)	U (0.03)	U (0.00046)	U (0.00051)	U (0.00053)	U (0.00054)	U (0.00049)	U (0.0005)	U (0.1)	
1,2-Dichloroethane	85	0.5	U (0.11)	U (0.0013)	U (0.0013)	U (0.00097)	U (0.067)	U (0.059)	U (0.00091)	U (0.001)	U (0.001)	U (0.0011)	U (0.00099)	U (0.001)	U (0.2)	
Ethyl Benzene	880	70	0.7 (0.11)	0.00023 J (0.0013)	U (0.0013)	0.00028 J (0.00097)	U (0.067)	0.072 (0.059)	0.00035 J (0.00091)	U (0.001)	U (0.001)	U (0.0011)	U (0.00099)	U (0.001)	U (0.2)	
Methyl tert-butyl ether	8500	2	U (0.22)	U (0.0027)	U (0.0026)	U (0.0019)	U (0.13)	U (0.12)	U (0.0018)	U (0.002)	U (0.0021)	U (0.0022)	U (0.002)	U (0.002)	U (0.41)	
Toluene	10000	100	1.2 (0.11)	U (0.0013)	U (0.0013)	U (0.00097)	U (0.067)	U (0.059)	U (0.00091)	U (0.001)	U (0.001)	U (0.0011)	U (0.00099)	U (0.001)	U (0.2)	
1,2,4-Trimethylbenzene	4700	300	12 (0.22)	0.0023 J (0.0027)	U (0.0026)	U (0.0019)	U (0.13)	0.16 (0.12)	0.0068 (0.0018)	0.0082 (0.002)	U (0.0021)	U (0.0022)	U (0.002)	U (0.002)	U (0.41)	
1,3,5-Trimethylbenzene	4700	93	0.95 (0.22)	0.001 J (0.0027)	U (0.0026)	U (0.0019)	U (0.13)	0.27 (0.12)	0.006 (0.0018)	0.005 (0.002)	U (0.0021)	U (0.0022)	U (0.002)	U (0.002)	U (0.41)	
Xylenes (total)	7900	1000	3.23 J (0.22)	0.00176 J (0.0027)	U (0.0026)	0.001385 J (0.0019)	U (0.13)	U (0.12)	U (0.0018)	0.0014 J (0.002)	U (0.0021)	U (0.0022)	U (0.002)	U (0.002)	U (0.41)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AH06-d	302-AH06-d	302-AH06-d	302-AH06-d	302-AH07-b	302-AH07-b	302-AH07-b	302-AH07-b	302-AH08-b	302-AH08-b	302-AH08-b	302-AH08-b	302-AH09-a	302-AI05-a
Cell	Soil Direct Contact	Soil to	302-AH06	302-AH06	302-AH06	302-AH06	302-AH07	302-AH07	302-AH07	302-AH07	302-AH08	302-AH08	302-AH08	302-AH08	302-AH09	302-AI05
Field Sample ID	Numeric Value	Groundwater	302-AH06-C2-VOC	302-AH06-C3-VOC	302-AH06-C4-VOC	302-AH06-C5-VOC	302-AH07-C1-VOC	302-AH07-C2-VOC	302-AH07-C3-VOC	302-AH07-C4-VOC	302-AH08-C1-VOC	302-AH08-C2-VOC	302-AH08-C3-VOC	302-AH09-C1-VOC	302-AI05-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.1 - 1.2	2.1 - 2.3	2.7 - 2.9	3.7 - 3.8	0.6 - 0.8	1.4 - 1.5	2.6 - 2.7	3.7 - 3.8	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	3.0 - 3.2	0.2 - 0.3	
Sample Date	(mg/kg)	(mg/kg)	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	10/20/2022	10/20/2022	10/20/2022	8/31/2022	10/5/2022	
VOCs																
Benzene	280	0.5	0.014 J (0.031)	U (0.0004)	U (0.00093)	U (0.00064)	U (0.00075)	0.0002 J (0.00039)	U (0.00065)	U (0.00052)	U (0.00053)	U (0.00051)	U (0.00049)	0.00063 (0.00047)	U (0.00059)	
Cumene	10000	2500	6.4 (0.061)	0.027 (0.00081)	0.0068 (0.0018)	0.076 (0.0013)	U (0.0015)	U (0.00079)	U (0.0013)	0.00012 J (0.001)	U (0.001)	U (0.001)	U (0.00097)	U (0.00094)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.031)	U (0.0004)	U (0.00093)	U (0.00064)	U (0.00075)	U (0.00039)	U (0.00065)	U (0.00052)	U (0.00053)	U (0.00051)	U (0.00049)	U (0.00047)	U (0.00059)	
1,2-Dichloroethane	85	0.5	U (0.061)	U (0.00081)	U (0.0018)	U (0.0013)	U (0.0015)	U (0.00079)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.00097)	U (0.00094)	U (0.0012)	
Ethyl Benzene	880	70	0.021 J (0.061)	U (0.00081)	U (0.0018)	U (0.0013)	U (0.0015)	0.00017 J (0.00079)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.00097)	U (0.00094)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.12)	0.00033 J (0.0016)	U (0.0037)	0.00056 J (0.0026)	U (0.003)	U (0.0016)	U (0.0026)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0019)	U (0.0019)	U (0.0024)	
Toluene	10000	100	0.16 (0.061)	U (0.00081)	U (0.0018)	U (0.0013)	U (0.0015)	U (0.00079)	U (0.0013)	U (0.001)	U (0.001)	U (0.001)	U (0.00097)	0.00051 J (0.00094)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	0.28 (0.12)	0.00035 J (0.0016)	U (0.0037)	0.00047 J (0.0026)	U (0.003)	0.00032 J (0.0016)	U (0.0026)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0019)	U (0.0019)	U (0.0024)	
1,3,5-Trimethylbenzene	4700	93	0.12 (0.12)	U (0.0016)	U (0.0037)	U (0.0026)	U (0.003)	U (0.0016)	U (0.0026)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0019)	U (0.0019)	U (0.0024)	
Xylenes (total)	7900	1000	0.44 J (0.12)	0.00196 J (0.0016)	U (0.0037)	0.00275 J (0.0026)	U (0.003)	U (0.0016)	U (0.0026)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0019)	U (0.0019)	U (0.0024)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AI05-b	302-AI05-c	302-AI05-c	302-AI05-c	302-AI06-c	302-AI06-c	302-AI06-d	302-AI06-d	302-AI07-b	302-AI07-b	302-AI07-b	302-AI07-b	302-AI07-b	
Cell	Soil Direct Contact	Soil to	302-AI05	302-AI05	302-AI05	302-AI05	302-AI06	302-AI06	302-AI06	302-AI06	302-AI07	302-AI07	302-AI07	302-AI07	302-AI07	
Field Sample ID	Numeric Value	Groundwater	302-AI05-C2-VOC	302-AI05-C3-VOC	302-AI05-C4-VOC	302-AI05-C5-VOC	302-AI06-C1-VOC	302-AI06-C4-VOC	302-AI06-C2-VOC	302-AI06-C3-VOC	302-AI07-C1-VOC	302-AI07-C2-VOC	302-AI07-C3-VOC	302-AI07-C4-VOC	302-AI07-C5-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.1 - 1.2	1.8 - 2.0	2.1 - 2.3	0.6 - 0.8	3.7 - 3.8	0.6 - 0.8	1.1 - 1.2	0.6 - 0.8	1.1 - 1.2	2.1 - 2.3	3.7 - 3.8	4.3 - 4.4	
Sample Date	(mg/kg)	(mg/kg)	10/5/2022	10/5/2022	10/5/2022	10/5/2022	8/24/2022	8/24/2022	8/24/2022	8/24/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	
VOCs																
Benzene	280	0.5	U (0.00052)	U (0.00054)	U (0.00096)	U (0.00071)	U (0.00046)	0.00057 (0.00051)	0.00075 (0.00045)	0.0003 J (0.00045)	0.00032 J (0.00048)	U (0.00054)	U (0.00051)	U (0.00051)	U (0.00043)	
Cumene	10000	2500	U (0.001)	0.0072 (0.0011)	0.0045 (0.0019)	0.00048 J (0.0014)	0.24 (0.00092)	0.017 (0.001)	0.003 (0.0009)	0.0028 (0.0009)	U (0.00097)	U (0.0011)	U (0.001)	U (0.001)	U (0.00087)	
1,2-Dibromoethane	3.7	0.005	U (0.00052)	U (0.00054)	U (0.00096)	U (0.00071)	U (0.00046)	U (0.00051)	U (0.00045)	U (0.00045)	U (0.00048)	U (0.00054)	U (0.00051)	U (0.00051)	U (0.00043)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0011)	U (0.0019)	U (0.0014)	U (0.00092)	U (0.001)	U (0.0009)	U (0.0009)	U (0.00097)	U (0.0011)	U (0.001)	U (0.001)	U (0.00087)	
Ethyl Benzene	880	70	U (0.001)	0.0017 (0.0011)	0.00058 J (0.0019)	U (0.0014)	0.0063 (0.00092)	U (0.001)	U (0.0009)	U (0.0009)	U (0.00097)	U (0.0011)	U (0.001)	U (0.001)	U (0.00087)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0022)	U (0.0038)	U (0.0028)	0.0005 J (0.0018)	0.00027 J (0.002)	U (0.0018)	0.00022 J (0.0018)	0.00082 J (0.0019)	U (0.0022)	U (0.002)	U (0.002)	U (0.0017)	
Toluene	10000	100	U (0.001)	U (0.0011)	U (0.0019)	U (0.0014)	0.00066 J (0.00092)	U (0.001)	U (0.0009)	U (0.0009)	U (0.00097)	U (0.0011)	U (0.001)	U (0.001)	U (0.00087)	
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0022)	U (0.0038)	U (0.0028)	U (0.0018)	U (0.002)	U (0.0018)	U (0.0018)	U (0.0019)	U (0.0022)	U (0.002)	U (0.002)	U (0.0017)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0022)	U (0.0038)	U (0.0028)	U (0.0018)	0.00031 J (0.002)	U (0.0018)	U (0.0018)	U (0.0019)	U (0.0022)	U (0.002)	U (0.002)	U (0.0017)	
Xylenes (total)	7900	1000	U (0.0021)	0.00148 J (0.0022)	U (0.0038)	U (0.0028)	0.002 J (0.0018)	U (0.002)	0.00115 J (0.0018)	U (0.0018)	U (0.0019)	U (0.0022)	U (0.002)	U (0.002)	U (0.0017)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AI08-c	302-AI09-c	302-AJ05-a	302-AJ05-c	302-AJ05-c	302-AJ05-c	302-AJ05-c	302-AJ05-d	302-AJ06-d	302-AJ06-d	302-AJ06-d	302-AJ07-b	302-AJ07-b	302-AJ07-b
Cell	Soil Direct Contact	Soil to	302-AI08	302-AI09	302-AJ05	302-AJ05	302-AJ05	302-AJ05	302-AJ05	302-AJ05	302-AJ06	302-AJ06	302-AJ06	302-AJ07	302-AJ07	302-AJ07
Field Sample ID	Numeric Value	Groundwater	302-AI08-C1-VOC	302-AI09-C1-VOC	302-AJ05-C3-VOC	302-AJ05-C2-VOC	302-AJ05-C4-VOC	302-AJ05-C5-VOC	302-AJ05-C1-VOC	302-AJ06-C1-VOC	302-AJ06-C2-VOC	302-AJ06-C3-VOC	302-AJ07-C1-VOC	302-AJ07-C2-VOC	302-AJ07-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.5 - 0.6	2.4 - 2.6	0.6 - 0.8	1.7 - 1.8	2.1 - 2.3	0.3 - 0.5	0.8 - 0.9	2.4 - 2.6	4.0 - 4.1	0.9 - 1.1	1.5 - 1.7	3.0 - 3.2	
Sample Date	(mg/kg)	(mg/kg)	9/26/2022	9/1/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	8/24/2022	8/24/2022	8/24/2022	
VOCs																
Benzene	280	0.5	U (0.00066)	U (0.00052)	U (0.00079)	U (0.00058)	U (0.0006)	U (0.00043)	U (0.00057)	U (0.00061)	U (0.00052)	U (0.0005)	U (0.00056)	U (0.0006)	U (0.00062)	
Cumene	10000	2500	U (0.0013)	U (0.001)	0.0056 (0.0016)	0.0077 (0.0012)	0.0071 (0.0012)	0.0028 (0.00085)	U (0.0011)	0.00054 J (0.0012)	0.00055 J (0.001)	0.0002 J (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00066)	U (0.00052)	U (0.00079)	U (0.00058)	U (0.0006)	U (0.00043)	U (0.00057)	U (0.00061)	U (0.00052)	U (0.0005)	U (0.00056)	U (0.0006)	U (0.00062)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.001)	U (0.0016)	U (0.0012)	U (0.0012)	U (0.00085)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0013)	U (0.001)	U (0.0016)	U (0.0012)	0.00049 J (0.0012)	0.00012 J (0.00085)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0021)	U (0.0032)	U (0.0023)	U (0.0024)	U (0.0017)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0025)	
Toluene	10000	100	U (0.0013)	U (0.001)	U (0.0016)	U (0.0012)	U (0.0012)	U (0.00085)	U (0.0011)	U (0.0012)	U (0.001)	U (0.001)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	0.00056 J (0.0026)	U (0.0021)	0.001 J (0.0032)	U (0.0023)	0.0022 J (0.0024)	0.00065 J (0.0017)	U (0.0023)	0.0005 J (0.0024)	0.00065 J (0.0021)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0025)	
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	U (0.0021)	U (0.0032)	U (0.0023)	0.00031 J (0.0024)	U (0.0017)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0025)	
Xylenes (total)	7900	1000	U (0.0026)	U (0.0021)	U (0.0032)	0.00178 J (0.0023)	0.00161 J (0.0024)	U (0.0017)	U (0.0023)	U (0.0024)	U (0.0021)	U (0.002)	U (0.0022)	U (0.0024)	U (0.0025)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AJ07-b	302-AJ08-a	302-AJ08-a	302-AJ08-a	302-AJ08-a	302-AK03-c	302-AK03-c	302-AK03-c	302-AK03-c	302-AK03-c	302-AK04-c	302-AK04-c	302-AK04-c	302-AK05-a
Cell	Soil Direct Contact	Soil to	302-AJ07	302-AJ08	302-AJ08	302-AJ08	302-AJ08	302-AK03	302-AK03	302-AK03	302-AK03	302-AK03	302-AK04	302-AK04	302-AK04	302-AK05
Field Sample ID	Numeric Value	Groundwater	302-AJ07-C4-VOC	302-AJ08-C1-VOC	302-AJ08-C2-VOC	302-AJ08-C3-VOC	302-AJ08-C1-VOC	302-AK03-C1-VOC	302-AK03-C2-VOC	302-AK03-C3-VOC	302-AK03-C4-VOC	302-AK03-C5-VOC	302-AK04-C1-VOC	302-AK04-C2-VOC	302-AK04-C3-VOC	302-AK05-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4.3 - 4.4	0.3 - 0.5	1.2 - 1.4	1.7 - 1.8	0.5 - 0.6	1.2 - 1.4	2.0 - 2.1	2.4 - 2.6	3.2 - 3.4	0.0 - 0.2	0.3 - 0.5	0.5 - 0.6	0.2 - 0.3	
Sample Date	(mg/kg)	(mg/kg)	8/24/2022	8/24/2022	8/24/2022	8/24/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	8/25/2022
VOCs																
Benzene	280	0.5	U (0.00053)	0.00018 J (0.00049)	U (0.00051)	0.00059 (0.00052)	U (0.00045)	U (0.0004)	0.00019 J (0.00051)	U (0.00054)	0.00035 J (0.00042)	U (0.00061)	0.00017 J (0.00051)	U (0.00052)	U (0.00087)	
Cumene	10000	2500	U (0.0011)	U (0.00097)	U (0.001)	U (0.001)	U (0.0009)	U (0.0008)	U (0.001)	U (0.0011)	U (0.00085)	U (0.0012)	U (0.001)	U (0.001)	U (0.0017)	
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.00049)	U (0.00051)	U (0.00052)	U (0.00045)	U (0.0004)	U (0.00051)	U (0.00054)	U (0.00042)	U (0.00061)	U (0.00051)	U (0.00052)	U (0.00087)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.00097)	U (0.001)	U (0.001)	U (0.0009)	U (0.0008)	U (0.001)	U (0.0011)	U (0.00085)	U (0.0012)	U (0.001)	U (0.001)	U (0.0017)	
Ethyl Benzene	880	70	U (0.0011)	U (0.00097)	U (0.001)	U (0.001)	U (0.0009)	U (0.0008)	U (0.001)	U (0.0011)	U (0.00085)	U (0.0012)	U (0.001)	U (0.001)	U (0.0017)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0016)	U (0.002)	U (0.0022)	U (0.0017)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0035)	
Toluene	10000	100	U (0.0011)	U (0.00097)	U (0.001)	U (0.001)	U (0.0009)	U (0.0008)	U (0.001)	U (0.0011)	U (0.00085)	U (0.0012)	U (0.001)	0.00076 J (0.001)	U (0.0017)	
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0016)	U (0.002)	U (0.0022)	U (0.0017)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0035)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0016)	U (0.002)	U (0.0022)	U (0.0017)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0035)	
Xylenes (total)	7900	1000	U (0.0021)	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0016)	U (0.002)	U (0.0022)	U (0.0017)	U (0.0024)	U (0.002)	U (0.0021)	U (0.0035)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AK05-a	302-AK05-a	302-AK05-a	302-AK05-a	302-AK07-a	302-AK07-a	302-AK07-a	302-AK08-d	302-AL03-d	302-AL03-d	302-AL03-d	302-AL05-b	302-AL05-b	
Cell	Soil Direct Contact	Soil to	302-AK05	302-AK05	302-AK05	302-AK05	302-AK07	302-AK07	302-AK07	302-AK08	302-AL03	302-AL03	302-AL03	302-AL05	302-AL05	
Field Sample ID	Numeric Value	Groundwater	302-AK05-C2-VOC	302-AK05-C3-VOC	302-AK05-C4-VOC	302-AK05-C5-VOC	302-AK07-C1-VOC	302-AK07-C2-VOC	302-AK07-C3-VOC	302-AK08-C1-VOC	302-AL03-C1-VOC	302-AL03-C2-VOC	302-AL03-C3-VOC	302-AL05-C2-VOC	302-AL05-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	1.4 - 1.5	2.1 - 2.3	2.6 - 2.7	0.6 - 0.8	2.9 - 3.0	4.6 - 4.7	0.5 - 0.6	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	0.8 - 0.9	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	8/25/2022	8/25/2022	8/25/2022	8/25/2022	10/14/2022	10/14/2022	10/14/2022	9/1/2022	10/4/2022	10/4/2022	10/4/2022	8/25/2022	8/25/2022	
VOCs																
Benzene	280	0.5	U (0.0015)	U (0.00072)	U (0.03)	0.00019 J (0.00045)	U (0.00056)	0.0011 (0.00053)	0.00038 J (0.00053)	U (0.00051)	U (0.00043)	0.0019 (0.00068)	U (0.00053)	U (0.0006)	U (0.00062)	
Cumene	10000	2500	U (0.0031)	U (0.0014)	1.1 (0.06)	0.016 (0.00089)	U (0.0011)	0.002 (0.0011)	0.00016 J (0.0011)	U (0.001)	U (0.00087)	0.00027 J (0.0014)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.0015)	U (0.00072)	U (0.03)	U (0.00045)	U (0.00056)	U (0.00053)	U (0.00053)	U (0.00051)	U (0.00043)	U (0.00068)	U (0.00053)	U (0.0006)	U (0.00062)	
1,2-Dichloroethane	85	0.5	U (0.0031)	U (0.0014)	U (0.06)	U (0.00089)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.001)	U (0.00087)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0012)	
Ethyl Benzene	880	70	U (0.0031)	U (0.0014)	0.23 (0.06)	0.0032 (0.00089)	U (0.0011)	0.00033 J (0.0011)	U (0.0011)	U (0.001)	U (0.00087)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0062)	U (0.0029)	U (0.12)	U (0.0018)	U (0.0022)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0017)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.0025)	
Toluene	10000	100	U (0.0031)	U (0.0014)	0.052 J (0.06)	U (0.00089)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.001)	U (0.00087)	U (0.0014)	U (0.0011)	U (0.0012)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0062)	U (0.0029)	U (0.12)	0.00039 J (0.0018)	U (0.0022)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0017)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.0025)	
1,3,5-Trimethylbenzene	4700	93	U (0.0062)	U (0.0029)	U (0.12)	U (0.0018)	U (0.0022)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0017)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.0025)	
Xylenes (total)	7900	1000	U (0.0062)	U (0.0029)	U (0.12)	0.00121 J (0.0018)	U (0.0022)	U (0.0021)	U (0.0021)	U (0.002)	U (0.0017)	U (0.0027)	U (0.0021)	U (0.0024)	U (0.0025)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AL05-b	302-AL05-d	302-AL07-c	302-AL07-c	302-AL07-c	302-AL07-c	302-AL08-a	302-AM02-b	302-AM02-b	302-AM02-b	302-AM02-b	302-AM02-b	302-AM03-a	302-AM03-a
Cell	Soil Direct Contact	Soil to	302-AL05	302-AL05	302-AL07	302-AL07	302-AL07	302-AL07	302-AL08	302-AM02	302-AM02	302-AM02	302-AM02	302-AM02	302-AM03	302-AM03
Field Sample ID	Numeric Value	Groundwater	302-AL05-C4-VOC	302-AL05-C1-VOC	302-AL07-C1-VOC	302-AL07-C2-VOC	302-AL07-C3-VOC	302-AL08-C1-VOC	302-AM02-C1-VOC	302-AM02-C2-VOC	302-AM02-C3-VOC	302-AM02-C4-VOC	302-AM02-C5-VOC	302-AM03-C3-VOC	302-AM03-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.6 - 0.8	0.6 - 0.8	1.7 - 1.8	2.7 - 2.9	2.4 - 2.6	0.3 - 0.5	0.6 - 0.8	1.5 - 1.7	2.0 - 2.1	2.3 - 2.4	2.4 - 2.6	3.4 - 3.5	
Sample Date	(mg/kg)	(mg/kg)	8/25/2022	8/25/2022	10/14/2022	10/14/2022	10/14/2022	9/1/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	8/25/2022	8/25/2022	
VOCs																
Benzene	280	0.5	U (0.00056)	U (0.00046)	0.019 J (0.03)	0.019 J (0.032)	0.013 J (0.032)	U (0.00049)	U (0.0004)	0.00031 J (0.00049)	0.00046 J (0.00057)	0.00069 (0.00056)	0.0004 J (0.00059)	U (0.024)	U (0.48)	
Cumene	10000	2500	U (0.0011)	U (0.00092)	0.87 (0.06)	2.1 (0.065)	0.94 (0.064)	U (0.00099)	U (0.00081)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.0012)	1 (0.049)	13 (0.97)	
1,2-Dibromoethane	3.7	0.005	U (0.00056)	U (0.00046)	U (0.03)	U (0.032)	U (0.032)	U (0.00049)	U (0.0004)	U (0.00049)	U (0.00057)	U (0.00056)	U (0.00059)	U (0.024)	U (0.48)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.00092)	U (0.06)	U (0.065)	U (0.064)	U (0.00099)	U (0.00081)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.049)	U (0.97)	
Ethyl Benzene	880	70	U (0.0011)	U (0.00092)	0.056 J (0.06)	0.054 J (0.065)	0.036 J (0.064)	U (0.00099)	U (0.00081)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.049)	U (0.97)	
Methyl tert-butyl ether	8500	2	U (0.0023)	0.00049 J (0.0018)	U (0.12)	U (0.13)	U (0.13)	U (0.002)	U (0.0016)	U (0.002)	U (0.0023)	U (0.0022)	U (0.0024)	U (0.098)	U (1.9)	
Toluene	10000	100	U (0.0011)	U (0.00092)	0.089 (0.06)	0.04 J (0.065)	0.056 J (0.064)	U (0.00099)	U (0.00081)	U (0.00098)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.049)	U (0.97)	
1,2,4-Trimethylbenzene	4700	300	U (0.0023)	U (0.0018)	0.44 (0.12)	0.13 (0.13)	0.13 (0.13)	U (0.002)	U (0.0016)	0.00035 J (0.002)	U (0.0023)	U (0.0022)	U (0.0024)	U (0.098)	U (1.9)	
1,3,5-Trimethylbenzene	4700	93	U (0.0023)	U (0.0018)	0.16 (0.12)	0.13 (0.13)	0.1 J (0.13)	U (0.002)	U (0.0016)	0.00027 J (0.002)	U (0.0023)	U (0.0022)	U (0.0024)	U (0.098)	U (1.9)	
Xylenes (total)	7900	1000	U (0.0023)	U (0.0018)	0.53 J (0.12)	0.216 J (0.13)	0.229 J (0.13)	U (0.002)	U (0.0016)	U (0.002)	U (0.0023)	U (0.0022)	U (0.0024)	U (0.098)	U (1.9)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AM03-c	302-AM03-d	302-AM04-b	302-AM04-b	302-AM04-b	302-AM04-b	302-AM04-b	302-AM04-b	302-AM05-c	302-AM05-c	302-AM05-c	302-AM06-c	302-AN01-c	302-AN01-c
Cell	Soil Direct Contact	Soil to	302-AM03	302-AM03	302-AM04	302-AM04	302-AM04	302-AM04	302-AM04	302-AM04	302-AM05	302-AM05	302-AM05	302-AM06	302-AN01	302-AN01
Field Sample ID	Numeric Value	Groundwater	302-AM03-C2-VOC	302-AM03-C1-VOC	302-AM04-C1-VOC	302-AM04-C2-VOC	302-AM04-C3-VOC	302-AM04-C4-VOC	302-AM04-C5-VOC	302-AM05-C1-VOC	302-AM05-C2-VOC	302-AM05-C3-VOC	302-AM06-C1-VOC	302-AN01-C1-VOC	302-AN01-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.2 - 1.4	0.2 - 0.3	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	1.5 - 1.7	2.0 - 2.1	0.3 - 0.5	1.1 - 1.2	2.1 - 2.3	1.5 - 1.7	0.0 - 0.2	0.2 - 0.3	
Sample Date	(mg/kg)	(mg/kg)	8/25/2022	8/25/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	9/2/2022	10/6/2022	10/6/2022	
VOCs																
Benzene	280	0.5	U (0.00045)	U (0.00048)	0.00084 (0.00058)	U (0.05)	U (0.031)	0.041 (0.032)	0.24 (0.032)	0.00038 J (0.00062)	0.00047 J (0.00057)	3.5 (0.034)	U (0.00044)	0.0012 (0.00075)	0.037 (0.00051)	
Cumene	10000	2500	U (0.0009)	U (0.00096)	0.02 (0.0012)	1.1 (0.1)	2.2 (0.062)	8.9 (0.065)	6.2 (0.064)	0.0034 (0.0012)	0.04 (0.0011)	4.6 (0.068)	U (0.00088)	U (0.0015)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00045)	U (0.00048)	U (0.00058)	U (0.05)	U (0.031)	U (0.032)	U (0.032)	U (0.00062)	U (0.00057)	U (0.034)	U (0.00044)	U (0.00075)	U (0.00051)	
1,2-Dichloroethane	85	0.5	U (0.0009)	U (0.00096)	U (0.0012)	U (0.1)	U (0.062)	U (0.065)	U (0.064)	U (0.0012)	U (0.0011)	U (0.068)	U (0.00088)	U (0.0015)	U (0.001)	
Ethyl Benzene	880	70	U (0.0009)	U (0.00096)	0.0011 J (0.0012)	0.024 J (0.1)	0.025 J (0.062)	0.078 (0.065)	0.11 (0.064)	0.00038 J (0.0012)	0.011 (0.0011)	18 (0.068)	U (0.00088)	U (0.0015)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0019)	0.0012 J (0.0023)	U (0.2)	U (0.12)	U (0.13)	U (0.13)	U (0.0025)	U (0.0023)	U (0.14)	U (0.0018)	U (0.003)	U (0.002)	
Toluene	10000	100	U (0.0009)	U (0.00096)	0.00073 J (0.0012)	U (0.1)	U (0.062)	0.12 (0.065)	0.11 (0.064)	U (0.0012)	0.00084 J (0.0011)	0.23 (0.068)	U (0.00088)	U (0.0015)	0.00056 J (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0018)	U (0.0019)	0.00063 J (0.0023)	U (0.2)	U (0.12)	U (0.13)	U (0.13)	0.00094 J (0.0025)	U (0.0023)	23 (0.27)	U (0.0018)	U (0.003)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	U (0.0019)	U (0.0023)	U (0.2)	U (0.12)	U (0.13)	U (0.13)	0.00033 J (0.0025)	0.00026 J (0.0023)	15 (0.14)	U (0.0018)	U (0.003)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0018)	U (0.0019)	0.0028 J (0.0023)	0.094 J (0.2)	0.154 J (0.12)	0.545 J (0.13)	0.485 J (0.13)	0.00123 J (0.0025)	0.00189 J (0.0023)	18.65 J (0.14)	U (0.0018)	U (0.003)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AN01-c	302-AN01-c	302-AN01-c	302-AN03-a	302-AN03-a	302-AN03-b	302-AN03-b	302-AN04-c	302-AO02-b	302-AO02-b	302-AO04-c	302-AO04-c	302-AO04-c
Cell	Soil Direct Contact	Soil to	302-AN01	302-AN01	302-AN01	302-AN03	302-AN03	302-AN03	302-AN03	302-AN04	302-AO02	302-AO02	302-AO04	302-AO04	302-AO04
Field Sample ID	Numeric Value	Groundwater	302-AN01-C3-VOC	302-AN01-C4-VOC	302-AN01-C5-VOC	302-AN03-C1-VOC	302-AN03-C4-VOC	302-AN03-C2-VOC	302-AN03-C3-VOC	302-AN04-C1-VOC	302-AO02-C1-VOC	302-AO02-C2-VOC	302-AO04-C1-VOC	302-AO04-C2-VOC	302-AO04-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	0.5 - 0.7	0.7 - 0.8	0.5 - 0.6	2.4 - 2.6	0.8 - 0.9	1.4 - 1.5	2.1 - 2.3	0.3 - 0.5	0.6 - 0.8	0.5 - 0.6	0.9 - 1.1	1.8 - 2.0
Sample Date	(mg/kg)	(mg/kg)	10/6/2022	10/6/2022	10/6/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	9/2/2022	10/6/2022	10/6/2022	10/12/2022	10/12/2022	10/12/2022
VOCs															
Benzene	280	0.5	1 (0.022)	3 (0.026)	7.8 (0.028)	U (0.00058)	U (0.00058)	U (0.0005)	U (0.00055)	U (0.00057)	0.0025 (0.00059)	0.05 (0.00046)	0.00099 (0.00042)	0.076 (0.035)	U (0.00053)
Cumene	10000	2500	0.00029 J (0.00093)	U (0.052)	0.034 J (0.055)	U (0.0012)	0.00043 J (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	0.0001 J (0.00092)	0.0014 (0.00085)	0.2 (0.07)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00047)	U (0.026)	U (0.028)	U (0.00058)	U (0.00058)	U (0.0005)	U (0.00055)	U (0.00057)	U (0.00059)	U (0.00046)	U (0.00042)	U (0.035)	U (0.00053)
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.052)	U (0.055)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.00092)	U (0.00085)	U (0.07)	U (0.0011)
Ethyl Benzene	880	70	0.00026 J (0.00093)	U (0.052)	0.036 J (0.055)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	U (0.00092)	0.0014 (0.00085)	1.6 (0.07)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.1)	U (0.11)	U (0.0023)	U (0.0023)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.0018)	U (0.0017)	U (0.14)	U (0.0021)
Toluene	10000	100	0.0012 (0.00093)	U (0.052)	0.61 (0.055)	U (0.0012)	U (0.0012)	U (0.001)	U (0.0011)	U (0.0011)	U (0.0012)	0.00062 J (0.00092)	0.00062 J (0.00085)	0.062 J (0.07)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.1)	U (0.11)	U (0.0023)	U (0.0023)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.0018)	0.0059 (0.0017)	2.8 (0.14)	U (0.0021)
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.1)	U (0.11)	U (0.0023)	0.00025 J (0.0023)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.0018)	0.0021 (0.0017)	0.31 (0.14)	U (0.0021)
Xylenes (total)	7900	1000	U (0.0019)	U (0.1)	0.0585 J (0.11)	U (0.0023)	U (0.0023)	U (0.002)	U (0.0022)	U (0.0023)	U (0.0024)	U (0.0018)	0.00356 J (0.0017)	1.046 J (0.14)	U (0.0021)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AO04-c	302-AO05-c	302-AO05-c	302-AO05-c	302-AO05-c	302-AO06-d	302-AP02-d	302-AP02-d	302-AP02-d	302-AP03-b	302-AP03-b	302-AP03-c	302-AP03-c	302-AP03-c
Cell	Soil Direct Contact	Soil to	302-AO04	302-AO05	302-AO05	302-AO05	302-AO05	302-AO06	302-AP02	302-AP02	302-AP02	302-AP03	302-AP03	302-AP03	302-AP03	302-AP03
Field Sample ID	Numeric Value	Groundwater	302-AO04-C4-VOC	302-AO05-C1-VOC	302-AO05-C2-VOC	302-AO05-C3-VOC	302-AO06-C1-VOC	302-AP02-C1-VOC	302-AP02-C2-VOC	302-AP02-C3-VOC	302-AP03-C1-VOC	302-AP03-C3-VOC	302-AP03-C2-VOC	302-AP03-C4-VOC	302-AP03-C5-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.4 - 2.6	0.9 - 1.1	1.8 - 2.0	2.7 - 2.9	3.0 - 3.2	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	0.6 - 0.8	2.4 - 2.6	0.2 - 0.3	0.6 - 0.7	0.8 - 0.9	
Sample Date	(mg/kg)	(mg/kg)	10/12/2022	10/12/2022	10/12/2022	10/12/2022	9/2/2022	10/11/2022	10/11/2022	10/11/2022	10/11/2022	10/14/2022	10/14/2022	10/14/2022	10/14/2022	
VOCs																
Benzene	280	0.5	U (0.00048)	0.00086 (0.0005)	0.00048 (0.00046)	U (0.032)	U (0.00049)	U (0.00053)	U (0.00051)	U (0.00053)	U (0.00049)	U (0.00057)	U (0.00053)	U (0.00055)	U (0.00061)	
Cumene	10000	2500	U (0.00096)	0.098 (0.001)	0.16 (0.00092)	1.5 (0.063)	U (0.00099)	U (0.0011)	U (0.001)	U (0.001)	U (0.00099)	U (0.0011)	0.0002 J (0.0011)	U (0.0011)	U (0.0012)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.0005)	U (0.00046)	U (0.032)	U (0.00049)	U (0.00053)	U (0.00051)	U (0.00053)	U (0.00049)	U (0.00057)	U (0.00053)	U (0.00055)	U (0.00061)	
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.001)	U (0.00092)	U (0.063)	U (0.00099)	U (0.0011)	U (0.001)	U (0.001)	U (0.00099)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0012)	
Ethyl Benzene	880	70	U (0.00096)	0.023 (0.001)	0.042 (0.00092)	0.26 (0.063)	U (0.00099)	U (0.0011)	U (0.001)	U (0.001)	U (0.00099)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0012)	
Methyl tert-butyl ether	8500	2	U (0.0019)	0.00021 J (0.002)	U (0.0018)	U (0.13)	U (0.002)	U (0.0021)	U (0.002)	U (0.002)	U (0.0021)	U (0.0023)	U (0.0021)	U (0.0022)	U (0.0024)	
Toluene	10000	100	U (0.00096)	0.00059 J (0.001)	U (0.00092)	U (0.063)	U (0.00099)	U (0.0011)	U (0.001)	U (0.001)	U (0.00099)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0012)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.002)	U (0.0018)	U (0.13)	U (0.002)	U (0.0021)	U (0.002)	U (0.002)	U (0.0021)	U (0.0023)	U (0.0021)	U (0.0022)	U (0.0024)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.002)	U (0.0018)	U (0.13)	U (0.002)	U (0.0021)	U (0.002)	U (0.002)	U (0.0021)	U (0.0023)	U (0.0021)	U (0.0022)	U (0.0024)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.002)	0.00163 J (0.0018)	U (0.13)	U (0.002)	U (0.0021)	U (0.002)	U (0.002)	U (0.0021)	U (0.0023)	U (0.0021)	U (0.0022)	U (0.0024)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AP04-a	302-AP04-a	302-AP05-d	302-AQ01-c	302-AQ01-c	302-AQ01-c	302-AQ03-b	302-AQ03-d	302-AQ04-c	302-AQ04-c	302-AR01-b	302-AR01-b	302-AR01-b	
Cell	Soil Direct Contact	Soil to	302-AP04	302-AP04	302-AP05	302-AQ01	302-AQ01	302-AQ01	302-AQ03	302-AQ03	302-AQ04	302-AQ04	302-AR01	302-AR01	302-AR01	
Field Sample ID	Numeric Value	Groundwater	302-AP04-C1-VOC	302-AP04-C2-VOC	302-AP05-C1-VOC	302-AQ01-C1-VOC	302-AQ01-C2-VOC	302-AQ01-C3-VOC	302-AQ03-C1-VOC	302-AQ03-C2-VOC	302-AQ04-C1-VOC	302-AQ04-C2-VOC	302-AR01-C1-VOC	302-AR01-C2-VOC	302-AR01-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.2 - 1.4	2.6 - 2.7	0.5 - 0.6	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	0.8 - 0.9	2.7 - 2.9	1.7 - 1.8	3.8 - 4.0	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	
Sample Date	(mg/kg)	(mg/kg)	10/12/2022	10/12/2022	9/12/2022	10/7/2022	10/7/2022	10/7/2022	9/19/2022	9/19/2022	9/12/2022	9/12/2022	10/7/2022	10/7/2022	10/7/2022	
VOCs																
Benzene	280	0.5	10 (4.3)	0.3 (0.033)	0.00028 J (0.00043)	U (0.00046)	U (0.00075)	U (0.00056)	U (0.034)	U (0.03)	U (0.00054)	U (0.00044)	U (0.00047)	U (0.00064)	0.0018 (0.001)	
Cumene	10000	2500	18 (8.7)	7 (0.066)	U (0.00087)	U (0.00091)	U (0.0015)	0.00025 J (0.0011)	0.011 J (0.067)	0.51 (0.061)	U (0.0011)	U (0.00089)	U (0.00094)	U (0.0013)	U (0.0021)	
1,2-Dibromoethane	3.7	0.005	U (4.3)	U (0.033)	U (0.00043)	U (0.00046)	U (0.00075)	U (0.00056)	U (0.034)	U (0.03)	U (0.00054)	U (0.00044)	U (0.00047)	U (0.00064)	U (0.001)	
1,2-Dichloroethane	85	0.5	U (8.7)	U (0.066)	U (0.00087)	U (0.00091)	U (0.0015)	U (0.0011)	U (0.067)	U (0.061)	U (0.0011)	U (0.00089)	U (0.00094)	U (0.0013)	U (0.0021)	
Ethyl Benzene	880	70	4.6 J (8.7)	1.4 (0.066)	U (0.00087)	U (0.00091)	U (0.0015)	U (0.0011)	U (0.067)	U (0.061)	U (0.0011)	U (0.00089)	U (0.00094)	U (0.0013)	U (0.0021)	
Methyl tert-butyl ether	8500	2	U (17)	U (0.13)	U (0.0017)	U (0.0018)	0.00037 J (0.003)	U (0.0022)	U (0.13)	U (0.12)	U (0.0022)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.0042)	
Toluene	10000	100	U (8.7)	0.34 (0.066)	U (0.00087)	U (0.00091)	U (0.0015)	0.0011 (0.0011)	U (0.067)	U (0.061)	U (0.0011)	U (0.00089)	U (0.00094)	U (0.0013)	U (0.0021)	
1,2,4-Trimethylbenzene	4700	300	3.6 J (17)	0.12 J (0.13)	U (0.0017)	U (0.0018)	U (0.003)	0.00053 J (0.0022)	U (0.13)	U (0.12)	U (0.0022)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.0042)	
1,3,5-Trimethylbenzene	4700	93	1.7 J (17)	6.4 (0.13)	U (0.0017)	U (0.0018)	U (0.003)	0.00045 J (0.0022)	U (0.13)	U (0.12)	U (0.0022)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.0042)	
Xylenes (total)	7900	1000	14.35 J (17)	1.31 J (0.13)	U (0.0017)	U (0.0018)	U (0.003)	U (0.0022)	U (0.13)	U (0.12)	U (0.0022)	U (0.0018)	U (0.0019)	U (0.0025)	U (0.0042)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AR03-a	302-AR03-d	302-AR03-d	302-AR03-d	302-AR03-d	302-AR03-d	302-AR04-c	302-AR04-c	302-AS01-a	302-AS01-a	302-AS01-a	302-AS01-a	302-AS04-c	302-AS04-d
Cell	Soil Direct Contact	Soil to	302-AR03	302-AR03	302-AR03	302-AR03	302-AR03	302-AR03	302-AR04	302-AR04	302-AS01	302-AS01	302-AS01	302-AS01	302-AS04	302-AS04
Field Sample ID	Numeric Value	Groundwater	302-AR03-C5-VOC	302-AR03-C1-VOC	302-AR03-C2-VOC	302-AR03-C3-VOC	302-AR03-C4-VOC	302-AR04-C1-VOC	302-AR04-C2-VOC	302-AR04-C2-VOC	302-AS01-C1-VOC	302-AS01-C2-VOC	302-AS01-C3-VOC	302-AS01-C4-VOC	302-AS04-C3-VOC	302-AS04-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3.8 - 4.0	0.2 - 0.3	0.8 - 0.9	1.4 - 1.5	1.7 - 1.8	1.5 - 1.7	3.4 - 3.5	3.4 - 3.5	0.2 - 0.3	0.5 - 0.6	0.8 - 0.9	1.1 - 1.2	1.8 - 2.0	0.5 - 0.6
Sample Date	(mg/kg)	(mg/kg)	9/19/2022	9/19/2022	9/19/2022	9/19/2022	9/19/2022	9/13/2022	9/13/2022	9/13/2022	10/7/2022	10/7/2022	10/7/2022	10/7/2022	9/21/2022	9/21/2022
VOCs																
Benzene	280	0.5	0.018 J (0.031)	0.11 (0.029)	U (0.16)	U (0.3)	0.013 J (0.033)	U (0.00044)	U (0.00051)	U (0.00059)	U (0.00049)	U (0.00045)	U (0.00086)	0.00041 J (0.00042)	U (0.00052)	
Cumene	10000	2500	0.65 (0.063)	1.4 (0.059)	1.7 (0.33)	2.8 (0.6)	6.2 (0.067)	U (0.00089)	U (0.001)	U (0.0012)	U (0.00097)	U (0.00091)	U (0.0017)	U (0.00083)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.031)	U (0.029)	U (0.16)	U (0.3)	U (0.033)	U (0.00044)	U (0.00051)	U (0.00059)	U (0.00049)	U (0.00045)	U (0.00086)	U (0.00042)	U (0.00052)	
1,2-Dichloroethane	85	0.5	U (0.063)	U (0.059)	U (0.33)	U (0.6)	U (0.067)	U (0.00089)	U (0.001)	U (0.0012)	U (0.00097)	U (0.00091)	U (0.0017)	U (0.00083)	U (0.001)	
Ethyl Benzene	880	70	0.038 J (0.063)	0.037 J (0.059)	U (0.33)	U (0.6)	0.03 J (0.067)	U (0.00089)	U (0.001)	U (0.0012)	U (0.00097)	U (0.00091)	U (0.0017)	0.00014 J (0.00083)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.12)	U (0.65)	U (1.2)	U (0.13)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0019)	U (0.0018)	U (0.0035)	U (0.0017)	U (0.0021)	
Toluene	10000	100	0.048 J (0.063)	0.034 J (0.059)	U (0.33)	U (0.6)	0.088 (0.067)	U (0.00089)	U (0.001)	U (0.0012)	U (0.00097)	U (0.00091)	U (0.0017)	U (0.00083)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	0.041 J (0.12)	0.082 J (0.12)	U (0.65)	U (1.2)	U (0.13)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0019)	U (0.0018)	U (0.0035)	U (0.0017)	U (0.0021)	
1,3,5-Trimethylbenzene	4700	93	U (0.12)	0.024 J (0.12)	U (0.65)	U (1.2)	0.014 J (0.13)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0019)	U (0.0018)	U (0.0035)	U (0.0017)	U (0.0021)	
Xylenes (total)	7900	1000	0.056 J (0.12)	0.2095 J (0.12)	U (0.65)	U (1.2)	0.57 J (0.13)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0019)	U (0.0018)	U (0.0035)	U (0.0017)	U (0.0021)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AS04-d	302-AS04-d	302-AS04-d	302-AS05-c	302-AS05-c	302-AS05-d	302-AS05-d	302-AS06-d	302-AT01-b	302-AT01-b	302-AT01-b	302-AT02-d	302-AT02-d
Cell	Soil Direct Contact	Soil to	302-AS04	302-AS04	302-AS04	302-AS05	302-AS05	302-AS05	302-AS05	302-AS06	302-AT01	302-AT01	302-AT01	302-AT02	302-AT02
Field Sample ID	Numeric Value	Groundwater	302-AS04-C2-VOC	302-AS04-C4-VOC	302-AS04-C5-VOC	302-AS05-C2-VOC	302-AS05-C4-VOC	302-AS05-C1-VOC	302-AS05-C3-VOC	302-AS06-C1-VOC	302-AT01-C1-VOC	302-AT01-C2-VOC	302-AT01-C3-VOC	302-AT02-C1-VOC	302-AT02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	2.3 - 2.4	3.2 - 3.4	0.8 - 0.9	2.0 - 2.1	0.3 - 0.5	1.5 - 1.7	0.5 - 0.6	0.2 - 0.3	0.6 - 0.8	0.9 - 1.1	0.6 - 0.8	1.4 - 1.5
Sample Date	(mg/kg)	(mg/kg)	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/13/2022	10/11/2022	10/11/2022	10/11/2022	10/20/2022	10/20/2022
VOCs															
Benzene	280	0.5	U (0.00048)	0.12 (0.026)	0.17 (0.029)	0.075 (0.033)	0.26 J (0.33)	0.23 (0.055)	U (0.034)	U (0.0004)	U (0.00053)	U (0.00055)	U (0.00046)	U (0.00056)	U (0.00073)
Cumene	10000	2500	U (0.00096)	0.078 (0.052)	0.13 (0.058)	0.55 (0.066)	7.2 (0.66)	0.56 (0.11)	1.3 (0.068)	U (0.00081)	U (0.001)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.026)	U (0.029)	U (0.033)	U (0.33)	U (0.055)	U (0.034)	U (0.0004)	U (0.00053)	U (0.00055)	U (0.00046)	U (0.00056)	U (0.00073)
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.052)	U (0.058)	U (0.066)	U (0.66)	U (0.11)	U (0.068)	U (0.00081)	U (0.001)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0014)
Ethyl Benzene	880	70	U (0.00096)	0.16 (0.052)	0.26 (0.058)	U (0.066)	0.38 J (0.66)	0.044 J (0.11)	U (0.068)	U (0.00081)	U (0.001)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.1)	U (0.12)	U (0.13)	U (1.3)	U (0.22)	U (0.14)	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0018)	U (0.0022)	U (0.0029)
Toluene	10000	100	U (0.00096)	0.08 (0.052)	0.13 (0.058)	U (0.066)	U (0.66)	0.13 (0.11)	U (0.068)	U (0.00081)	U (0.001)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	0.2 (0.1)	0.39 (0.12)	U (0.13)	U (1.3)	0.058 J (0.22)	U (0.14)	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0018)	U (0.0022)	U (0.0029)
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	0.084 J (0.1)	0.15 (0.12)	U (0.13)	U (1.3)	U (0.22)	U (0.14)	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0018)	U (0.0022)	U (0.0029)
Xylenes (total)	7900	1000	U (0.0019)	0.228 J (0.1)	0.386 J (0.12)	U (0.13)	U (1.3)	0.212 J (0.22)	U (0.14)	U (0.0016)	U (0.0021)	U (0.0022)	U (0.0018)	U (0.0022)	U (0.0029)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AT02-d	302-AT02-d	302-AT02-d	302-AT03-d	302-AT03-d	302-AT03-d	302-AT03-d	302-AT03-d	302-AT03-d	302-AT04-b	302-AT04-b	302-AT05-a	302-AU01-c	302-AU01-c
Cell	Soil Direct Contact	Soil to	302-AT02	302-AT02	302-AT02	302-AT03	302-AT03	302-AT03	302-AT03	302-AT03	302-AT03	302-AT04	302-AT04	302-AT05	302-AU01	302-AU01
Field Sample ID	Numeric Value	Groundwater	302-AT02-C3-VOC	302-AT02-C4-VOC	302-AT02-C5-VOC	302-AT03-C1-VOC	302-AT03-C2-VOC	302-AT03-C3-VOC	302-AT03-C4-VOC	302-AT03-C5-VOC	302-AT04-C1-VOC	302-AT04-C2-VOC	302-AT05-C1-VOC	302-AU01-C1-VOC	302-AU01-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	2.9 - 3.0	3.7 - 3.8	0.0 - 0.2	0.6 - 0.8	1.1 - 1.2	1.7 - 1.8	2.1 - 2.3	0.9 - 1.1	2.4 - 2.6	2.0 - 2.1	0.2 - 0.3	0.5 - 0.6	
Sample Date	(mg/kg)	(mg/kg)	10/20/2022	10/20/2022	10/20/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/14/2022	10/11/2022	10/11/2022	
VOCs																
Benzene	280	0.5	U (0.044)	U (0.00046)	U (0.032)	0.00033 J (0.00082)	U (0.00051)	0.015 (0.00047)	U (0.032)	U (0.031)	0.06 (0.034)	U (0.03)	U (0.0005)	U (0.00044)	0.00081 (0.00064)	
Cumene	10000	2500	2.4 (0.089)	0.014 (0.00092)	4.5 (0.064)	0.0053 (0.0016)	0.0011 (0.001)	U (0.00095)	3.1 (0.064)	1 (0.063)	5.2 (0.069)	0.8 (0.061)	U (0.00099)	U (0.00088)	0.0022 (0.0013)	
1,2-Dibromoethane	3.7	0.005	U (0.044)	U (0.00046)	U (0.032)	U (0.00082)	U (0.00051)	U (0.00047)	U (0.032)	U (0.031)	U (0.034)	U (0.03)	U (0.0005)	U (0.00044)	U (0.00064)	
1,2-Dichloroethane	85	0.5	U (0.089)	U (0.00092)	U (0.064)	U (0.0016)	U (0.001)	U (0.00095)	U (0.064)	U (0.063)	U (0.069)	U (0.061)	U (0.00099)	U (0.00088)	U (0.0013)	
Ethyl Benzene	880	70	U (0.089)	U (0.00092)	U (0.064)	0.00094 J (0.0016)	U (0.001)	0.00028 J (0.00095)	0.014 J (0.064)	U (0.063)	0.059 J (0.069)	U (0.061)	U (0.00099)	U (0.00088)	0.00059 J (0.0013)	
Methyl tert-butyl ether	8500	2	U (0.18)	U (0.0018)	U (0.13)	U (0.0033)	U (0.002)	U (0.0019)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.002)	U (0.0018)	U (0.0025)	
Toluene	10000	100	U (0.089)	U (0.00092)	0.035 J (0.064)	0.0009 J (0.0016)	U (0.001)	U (0.00095)	0.034 J (0.064)	U (0.063)	0.051 J (0.069)	U (0.061)	U (0.00099)	U (0.00088)	0.0017 (0.0013)	
1,2,4-Trimethylbenzene	4700	300	U (0.18)	U (0.0018)	U (0.13)	0.31 (0.0033)	0.0059 (0.002)	0.00058 J (0.0019)	0.072 J (0.13)	U (0.12)	0.081 J (0.14)	U (0.12)	U (0.002)	U (0.0018)	0.0084 (0.0025)	
1,3,5-Trimethylbenzene	4700	93	0.052 J (0.18)	0.00092 J (0.0018)	U (0.13)	0.085 (0.0033)	0.0014 J (0.002)	0.0002 J (0.0019)	U (0.13)	U (0.12)	0.016 J (0.14)	U (0.12)	U (0.002)	U (0.0018)	0.011 (0.0025)	
Xylenes (total)	7900	1000	0.13 J (0.18)	U (0.0018)	0.15 J (0.13)	0.0089 J (0.0033)	0.0013 J (0.002)	U (0.0019)	U (0.13)	U (0.12)	0.312 J (0.14)	U (0.12)	U (0.002)	U (0.0018)	0.0376 J (0.0025)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AU01-c	302-AU02-b	302-AU02-b	302-AU02-b	302-AU02-b	302-AU02-b	302-AU02-b	302-AU02-b	302-AU03-c	302-AU03-c	302-AU03-c	302-AU03-c	302-AU04-b	302-AU05-d	302-AV02-a
Cell	Soil Direct Contact	Soil to	302-AU01	302-AU02	302-AU02	302-AU02	302-AU02	302-AU02	302-AU02	302-AU02	302-AU03	302-AU03	302-AU03	302-AU03	302-AU04	302-AU05	302-AV02
Field Sample ID	Numeric Value	Groundwater	302-AU01-C3-VOC	302-AU02-C1-VOC	302-AU02-C2-VOC	302-AU02-C3-VOC	302-AU02-C4-VOC	302-AU02-C5-VOC	302-AU03-C1-VOC	302-AU03-C2-VOC	302-AU03-C3-VOC	302-AU03-C4-VOC	302-AU03-C5-VOC	302-AU04-C1-VOC	302-AU05-C1-VOC	302-AV02-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	0.0 - 0.2	0.3 - 0.5	0.6 - 0.8	0.8 - 0.9	1.1 - 1.2	0.3 - 0.5	0.6 - 0.8	1.1 - 1.2	1.7 - 1.8	2.3 - 2.4	1.1 - 1.2	0.2 - 0.3		
Sample Date	(mg/kg)	(mg/kg)	10/11/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/14/2022	9/28/2022	
VOCs																	
Benzene	280	0.5	0.0023 (0.00076)	U (0.00053)	U (0.00071)	0.0011 (0.00044)	U (0.00062)	U (0.031)	0.00022 J (0.00059)	0.029 (0.024)	0.052 (0.025)	U (0.03)	U (0.028)	U (0.00049)	U (0.0005)		
Cumene	10000	2500	0.013 (0.0015)	U (0.001)	U (0.0014)	0.027 (0.00088)	U (0.0012)	0.22 (0.061)	0.0016 (0.0012)	0.18 (0.047)	0.51 (0.051)	0.074 (0.06)	0.063 (0.056)	U (0.00097)	U (0.00099)		
1,2-Dibromoethane	3.7	0.005	U (0.00076)	U (0.00053)	U (0.00071)	U (0.00044)	U (0.00062)	U (0.031)	U (0.00059)	U (0.024)	U (0.025)	U (0.03)	U (0.028)	U (0.00049)	U (0.0005)		
1,2-Dichloroethane	85	0.5	U (0.0015)	U (0.001)	U (0.0014)	U (0.00088)	U (0.0012)	U (0.061)	U (0.0012)	U (0.047)	U (0.051)	U (0.06)	U (0.056)	U (0.00097)	U (0.00099)		
Ethyl Benzene	880	70	0.0012 J (0.0015)	U (0.001)	U (0.0014)	0.0006 J (0.00088)	U (0.0012)	U (0.061)	0.0004 J (0.0012)	0.28 (0.047)	0.71 (0.051)	0.099 (0.06)	0.12 (0.056)	U (0.00097)	U (0.00099)		
Methyl tert-butyl ether	8500	2	U (0.003)	U (0.0021)	U (0.0028)	U (0.0018)	U (0.0025)	U (0.12)	U (0.0024)	U (0.095)	U (0.1)	U (0.12)	U (0.11)	U (0.0019)	U (0.002)		
Toluene	10000	100	0.0028 (0.0015)	U (0.001)	U (0.0014)	0.0017 (0.00088)	U (0.0012)	U (0.061)	U (0.0012)	0.14 (0.047)	0.31 (0.051)	U (0.06)	U (0.056)	U (0.00097)	U (0.00099)		
1,2,4-Trimethylbenzene	4700	300	0.0028 J (0.003)	U (0.0021)	U (0.0028)	0.0074 (0.0018)	U (0.0025)	U (0.12)	0.0014 J (0.0024)	3.5 (0.095)	9.8 (0.1)	0.11 J (0.12)	0.25 (0.11)	U (0.0019)	U (0.002)		
1,3,5-Trimethylbenzene	4700	93	0.0035 (0.003)	U (0.0021)	U (0.0028)	0.00078 J (0.0018)	U (0.0025)	U (0.12)	0.00045 J (0.0024)	1.2 (0.095)	3.4 (0.1)	0.04 J (0.12)	0.066 J (0.11)	U (0.0019)	U (0.002)		
Xylenes (total)	7900	1000	0.0184 J (0.003)	U (0.0021)	U (0.0028)	0.0077 J (0.0018)	U (0.0025)	U (0.12)	0.00155 J (0.0024)	1.77 J (0.095)	4.8 J (0.1)	U (0.12)	0.06 J (0.11)	U (0.0019)	U (0.002)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AV02-a	302-AV02-a	302-AV02-a	302-AV04-b	302-AV04-b	302-AV04-b	302-AV04-b	302-AV04-b	302-AV05-c	302-AV05-d	302-AW02-a	302-AW02-a	302-AW02-a	302-AW02-a
Cell	Soil Direct Contact	Soil to	302-AV02	302-AV02	302-AV02	302-AV04	302-AV04	302-AV04	302-AV04	302-AV04	302-AV05	302-AV05	302-AW02	302-AW02	302-AW02	302-AW02
Field Sample ID	Numeric Value	Groundwater	302-AV02-C2-VOC	302-AV02-C3-VOC	302-AV02-C4-VOC	302-AV04-C1-VOC	302-AV04-C2-VOC	302-AV04-C3-VOC	302-AV04-C4-VOC	302-AV04-C4-VOC	302-AV05-C1-VOC	302-AV05-C2-VOC	302-AW02-C1-VOC	302-AW02-C2-VOC	302-AW02-C3-VOC	302-AW02-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	0.5 - 0.6	0.9 - 1.1	0.5 - 0.6	1.2 - 1.4	2.1 - 2.3	2.4 - 2.6	2.4 - 2.6	0.6 - 0.8	1.4 - 1.5	0.0 - 0.2	0.3 - 0.5	0.5 - 0.6	0.7 - 0.8
Sample Date	(mg/kg)	(mg/kg)	9/28/2022	9/28/2022	9/28/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/14/2022	9/14/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022
VOCs																
Benzene	280	0.5	0.0002 J (0.00053)	0.0044 (0.00055)	0.00059 J (0.0008)	0.00074 (0.00051)	0.0035 (0.00049)	0.0055 (0.00047)	0.0051 (0.00049)	U (0.00042)	U (0.00049)	U (0.0006)	U (0.00066)	0.0022 (0.00077)	0.35 (0.17)	
Cumene	10000	2500	0.0011 (0.0011)	0.0011 (0.0011)	0.013 (0.0016)	0.00016 J (0.001)	0.00043 J (0.00099)	0.00034 J (0.00094)	0.00033 J (0.00098)	U (0.00084)	U (0.00097)	U (0.0012)	U (0.0013)	0.0023 (0.0015)	2.8 (0.35)	
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.00055)	U (0.0008)	U (0.00051)	U (0.00049)	U (0.00047)	U (0.00049)	U (0.00042)	U (0.00049)	U (0.0006)	U (0.00066)	U (0.00077)	U (0.17)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0011)	U (0.0016)	U (0.001)	U (0.00099)	U (0.00094)	U (0.00098)	U (0.00084)	U (0.00097)	U (0.0012)	U (0.0013)	U (0.0015)	U (0.35)	
Ethyl Benzene	880	70	U (0.0011)	0.0013 (0.0011)	0.00059 J (0.0016)	0.00044 J (0.001)	0.00082 J (0.00099)	0.00016 J (0.00094)	0.00015 J (0.00098)	U (0.00084)	U (0.00097)	U (0.0012)	U (0.0013)	0.0011 J (0.0015)	0.58 (0.35)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.0022)	U (0.0032)	U (0.002)	U (0.002)	U (0.0019)	U (0.002)	U (0.0017)	U (0.0019)	U (0.0024)	U (0.0026)	U (0.0031)	U (0.7)	
Toluene	10000	100	U (0.0011)	0.0038 (0.0011)	0.0011 J (0.0016)	U (0.001)	U (0.00099)	U (0.00094)	U (0.00098)	U (0.00084)	U (0.00097)	U (0.0012)	U (0.0013)	0.0012 J (0.0015)	0.55 (0.35)	
1,2,4-Trimethylbenzene	4700	300	0.00088 J (0.0021)	0.0014 J (0.0022)	0.0031 J (0.0032)	0.0015 J (0.002)	0.0032 (0.002)	0.00053 J (0.0019)	0.00046 J (0.002)	U (0.0017)	U (0.0019)	U (0.0024)	U (0.0026)	0.00077 J (0.0031)	1.2 (0.7)	
1,3,5-Trimethylbenzene	4700	93	0.00022 J (0.0021)	0.00042 J (0.0022)	0.00096 J (0.0032)	0.0026 (0.002)	0.013 (0.002)	0.0031 (0.0019)	0.0022 (0.002)	U (0.0017)	U (0.0019)	U (0.0024)	U (0.0026)	U (0.0031)	0.57 J (0.7)	
Xylenes (total)	7900	1000	0.0047 J (0.0021)	0.0081 J (0.0022)	0.014 J (0.0032)	0.00168 J (0.002)	0.00328 J (0.002)	0.00101 J (0.0019)	U (0.002)	U (0.0017)	U (0.0019)	U (0.0024)	U (0.0026)	0.0039 J (0.0031)	1.66 J (0.7)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AW04-c 302-AW04	302-AW04-c 302-AW04	302-AW04-c 302-AW04	302-AW04-c 302-AW04	302-AW04-c 302-AW04	302-AW04-c 302-AW04	302-AW05-d 302-AW05	302-AX02-c 302-AX02	302-AX02-c 302-AX02	302-AX02-c 302-AX02	302-AX02-c 302-AX02	302-AX02-c 302-AX02	302-AX03-a 302-AX03	302-AX03-a 302-AX03
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	302-AW04-C1-VOC 0.9 - 1.1	302-AW04-C2-VOC 1.2 - 1.4	302-AW04-C3-VOC 2.3 - 2.4	302-AW04-C4-VOC 3.4 - 3.5	302-AW04-C5-VOC 5.3 - 5.5	302-AW05-C1-VOC 0.9 - 1.1	302-AX02-C1-VOC 0.8 - 0.9	302-AX02-C2-VOC 1.2 - 1.4	302-AX02-C3-VOC 2.7 - 2.9	302-AX02-C4-VOC 3.4 - 3.5	302-AX02-C5-VOC 4.9 - 5.0	302-AX03-C1-VOC 0.6 - 0.8	302-AX03-C2-VOC 2.7 - 2.9	
Collection Depth (ft bgs)			0.9 - 1.1	1.2 - 1.4	2.3 - 2.4	3.4 - 3.5	5.3 - 5.5	0.9 - 1.1	0.8 - 0.9	1.2 - 1.4	2.7 - 2.9	3.4 - 3.5	4.9 - 5.0	0.6 - 0.8	2.7 - 2.9	
Sample Date	(mg/kg)	(mg/kg)	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/15/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	
VOCs																
Benzene	280	0.5	0.00016 J (0.00048)	0.19 (0.033)	U (0.00057)	U (0.00054)	U (0.00057)	U (0.00048)	0.34 (0.00057)	2 (0.033)	U (0.00049)	4.7 (0.052)	U (0.00057)	U (0.00055)	0.00078 (0.00051)	
Cumene	10000	2500	U (0.00095)	0.011 J (0.065)	0.00019 J (0.0011)	U (0.0011)	U (0.0011)	U (0.00096)	0.0025 (0.0011)	0.031 J (0.066)	0.0025 (0.00097)	0.086 J (0.1)	U (0.0011)	U (0.0011)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.00049)	U (0.00057)	U (0.00054)	U (0.00057)	U (0.00048)	U (0.00057)	U (0.033)	U (0.00049)	U (0.052)	U (0.00057)	U (0.00055)	U (0.00051)	
1,2-Dichloroethane	85	0.5	U (0.00095)	U (0.00097)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00096)	U (0.0011)	U (0.066)	U (0.00097)	U (0.1)	U (0.0011)	U (0.0011)	U (0.001)	
Ethyl Benzene	880	70	U (0.00095)	0.32 (0.065)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00096)	0.011 (0.0011)	0.13 (0.066)	0.001 (0.00097)	0.39 (0.1)	U (0.0011)	U (0.0011)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0019)	U (0.0023)	U (0.0022)	U (0.0019)	U (0.0019)	U (0.0023)	U (0.13)	U (0.0019)	U (0.21)	U (0.0023)	U (0.0022)	U (0.002)	
Toluene	10000	100	U (0.00095)	0.003 (0.00097)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.00096)	0.0085 (0.0011)	0.062 J (0.066)	0.0009 J (0.00097)	0.14 (0.1)	U (0.0011)	U (0.0011)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	0.76 (0.13)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0019)	0.016 (0.0023)	0.42 (0.13)	0.0006 J (0.0019)	1.3 (0.21)	U (0.0023)	U (0.0022)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	0.26 (0.13)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0019)	0.0071 (0.0023)	0.13 (0.13)	U (0.0019)	0.4 (0.21)	U (0.0023)	U (0.0022)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0019)	1.024 J (0.13)	U (0.0023)	U (0.0022)	U (0.0023)	U (0.0019)	0.0214 J (0.0023)	0.196 J (0.13)	0.00152 J (0.0019)	0.65 J (0.21)	U (0.0023)	U (0.0022)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AX03-a	302-AX06-a	302-AY02-b	302-AY02-c	302-AY02-d	302-AY03-a	302-AY03-b	302-AY03-c	302-AY04-a	302-AY04-b	302-AY04-c	302-AY05-c	302-AY05-c
Cell	Soil Direct Contact	Soil to	302-AX03	302-AX06	302-AY02	302-AY02	302-AY02	302-AY03	302-AY03	302-AY03	302-AY04	302-AY04	302-AY04	302-AY05	302-AY05
Field Sample ID	Numeric Value	Groundwater	302-AX03-C3-VOC	302-AX06-C1-VOC	302-AY02-C3-VOC	302-AY02-C1-VOC	302-AY02-C2-VOC	302-AY03-C3-VOC	302-AY03-C1-VOC	302-AY03-C2-VOC	302-AY04-C1-VOC	302-AY04-C2-VOC	302-AY04-C3-VOC	302-AY05-C1-VOC	302-AY05-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4.9 - 5.0	1.8 - 2.0	2.0 - 2.1	0.8 - 0.9	0.3 - 0.5	0.5 - 0.6	0.2 - 0.3	0.3 - 0.5	0.6 - 0.8	2.4 - 2.6	4.9 - 5.0	0.6 - 0.8	1.2 - 1.4
Sample Date	(mg/kg)	(mg/kg)	9/29/2022	9/15/2022	10/10/2022	10/10/2022	10/10/2022	9/29/2022	9/29/2022	9/29/2022	9/30/2022	9/30/2022	9/30/2022	9/30/2022	9/30/2022
VOCs															
Benzene	280	0.5	U (0.0013)	U (0.00046)	0.79 (0.18)	0.016 (0.00086)	0.078 (0.00049)	U (0.00064)	0.0019 (0.0005)	0.01 (0.00068)	0.053 (0.035)	U (0.024)	U (0.029)	0.00021 J (0.00057)	U (0.00089)
Cumene	10000	2500	U (0.0026)	U (0.00093)	140 (0.88)	0.05 (0.0017)	0.0091 (0.00098)	U (0.0013)	U (0.001)	0.00055 J (0.0014)	5.6 (0.069)	0.18 (0.047)	U (0.059)	U (0.0011)	U (0.0018)
1,2-Dibromoethane	3.7	0.005	U (0.0013)	U (0.00046)	U (0.18)	U (0.00086)	U (0.00049)	U (0.00064)	U (0.0005)	U (0.00068)	U (0.035)	U (0.024)	U (0.029)	U (0.00057)	U (0.00089)
1,2-Dichloroethane	85	0.5	U (0.0026)	U (0.00093)	U (0.35)	U (0.0017)	U (0.00098)	U (0.0013)	U (0.001)	U (0.0014)	U (0.069)	U (0.047)	U (0.059)	U (0.0011)	U (0.0018)
Ethyl Benzene	880	70	U (0.0026)	U (0.00093)	0.81 (0.35)	0.027 (0.0017)	0.011 (0.00098)	U (0.0013)	0.00052 J (0.001)	0.0026 (0.0014)	13 (0.069)	0.053 (0.047)	0.02 J (0.059)	U (0.0011)	U (0.0018)
Methyl tert-butyl ether	8500	2	U (0.0052)	U (0.0018)	U (0.7)	U (0.0034)	U (0.002)	U (0.0026)	U (0.002)	U (0.0027)	U (0.14)	U (0.094)	U (0.12)	U (0.0023)	U (0.0036)
Toluene	10000	100	U (0.0026)	U (0.00093)	0.26 J (0.35)	0.013 (0.0017)	0.014 (0.00098)	U (0.0013)	U (0.001)	0.0015 (0.0014)	0.1 (0.069)	U (0.047)	U (0.059)	U (0.0011)	U (0.0018)
1,2,4-Trimethylbenzene	4700	300	U (0.0052)	U (0.0018)	0.66 J (0.7)	0.11 (0.0034)	0.02 (0.002)	U (0.0026)	0.00036 J (0.002)	0.0026 J (0.0027)	12 (0.14)	U (0.094)	0.024 J (0.12)	0.00046 J (0.0023)	0.0008 J (0.0036)
1,3,5-Trimethylbenzene	4700	93	U (0.0052)	U (0.0018)	0.31 J (0.7)	0.067 (0.0034)	0.011 (0.002)	U (0.0026)	U (0.002)	0.00084 J (0.0027)	1.8 (0.14)	U (0.094)	U (0.12)	U (0.0023)	U (0.0036)
Xylenes (total)	7900	1000	U (0.0052)	U (0.0018)	0.78 J (0.7)	0.059 J (0.0034)	0.0203 J (0.002)	U (0.0026)	0.00158 J (0.002)	0.0079 J (0.0027)	3.36 J (0.14)	U (0.094)	U (0.12)	U (0.0023)	U (0.0036)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AY05-c 302-AY05	302-AY05-c 302-AY05	302-AY05-c 302-AY05	302-AY07-d 302-AY07	302-AZ02-a 302-AZ02	302-AZ02-b 302-AZ02	302-AZ02-b 302-AZ02	302-AZ03-c 302-AZ03	302-AZ03-c 302-AZ03	302-AZ03-c 302-AZ03	302-AZ03-c 302-AZ03	302-AZ03-c 302-AZ03	302-AZ03-c 302-AZ03	302-BA03-c 302-BA03
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	302-AY05-C3-VOC 1.8 - 2.0	302-AY05-C4-VOC 2.4 - 2.6	302-AY05-C5-VOC 3.0 - 3.2	302-AY07-C1-VOC 0.8 - 0.9	302-AZ02-C3-VOC 1.5 - 1.7	302-AZ02-C1-VOC 0.5 - 0.6	302-AZ02-C2-VOC 1.1 - 1.2	302-AZ03-C1-VOC 0.5 - 0.6	302-AZ03-C2-VOC 0.8 - 0.9	302-AZ03-C3-VOC 1.7 - 1.8	302-AZ03-C4-VOC 2.4 - 2.6	302-AZ03-C5-VOC 3.4 - 3.5	302-BA03-C1-VOC 0.5 - 0.6	
Collection Depth (ft bgs)	Sample Date	(mg/kg)	9/30/2022	9/30/2022	9/30/2022	9/15/2022	10/10/2022	10/10/2022	10/10/2022	10/3/2022	10/3/2022	10/3/2022	10/3/2022	10/3/2022	10/3/2022	10/10/2022
VOCs																
Benzene	280	0.5	U (0.00047)	U (0.00049)	U (0.00053)	U (0.00046)	U (0.00056)	U (0.00085)	0.0012 (0.00059)	0.9 (0.074)	U (0.032)	0.66 (0.026)	U (0.00046)	0.15 (0.035)	U (0.0016)	
Cumene	10000	2500	U (0.00094)	U (0.00099)	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0017)	U (0.0012)	3.6 (0.15)	0.066 (0.064)	0.56 (0.053)	0.00092 J (0.00093)	0.1 (0.07)	U (0.0032)	
1,2-Dibromoethane	3.7	0.005	U (0.00047)	U (0.00049)	U (0.00053)	U (0.00046)	U (0.00056)	U (0.00085)	U (0.00059)	U (0.074)	U (0.032)	U (0.026)	U (0.00046)	U (0.035)	U (0.0016)	
1,2-Dichloroethane	85	0.5	U (0.00094)	U (0.00099)	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0017)	U (0.0012)	U (0.15)	U (0.064)	U (0.053)	U (0.00093)	U (0.07)	U (0.0032)	
Ethyl Benzene	880	70	U (0.00094)	U (0.00099)	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0017)	0.00092 J (0.0012)	16 (0.15)	0.074 (0.064)	3.2 (0.053)	0.0003 J (0.00093)	0.54 (0.07)	U (0.0032)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0022)	U (0.0034)	U (0.0024)	U (0.3)	U (0.13)	U (0.1)	0.0024 (0.0018)	U (0.14)	U (0.0065)	
Toluene	10000	100	U (0.00094)	U (0.00099)	U (0.0011)	U (0.00093)	U (0.0011)	U (0.0017)	0.0048 (0.0012)	1.6 (0.15)	0.035 J (0.064)	0.23 (0.053)	U (0.00093)	U (0.07)	U (0.0032)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0022)	U (0.0034)	0.002 J (0.0024)	84 (1.5)	1.6 (0.13)	10 (0.1)	0.0011 J (0.0018)	1.9 (0.14)	U (0.0065)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0022)	U (0.0034)	0.00075 J (0.0024)	23 (0.3)	0.49 (0.13)	3.4 (0.1)	0.00034 J (0.0018)	0.62 (0.14)	U (0.0065)	
Xylenes (total)	7900	1000	U (0.0019)	U (0.002)	U (0.0021)	U (0.0018)	U (0.0022)	U (0.0034)	0.0061 J (0.0024)	79 J (0.3)	0.57 J (0.13)	13.7 J (0.1)	0.001315 J (0.0018)	1.8 J (0.14)	U (0.0065)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-BA03-c	302-BA03-c	302-BA04-d	302-BA04-d	302-BB04-c	302-BB04-c	302-BB07-c	302-BB07-c	302-BB07-c	302-BB07-d	302-BB07-d	302-BB08-d	302-BB08-d
Cell	Soil Direct Contact	Soil to	302-BA03	302-BA03	302-BA04	302-BA04	302-BB04	302-BB04	302-BB07	302-BB07	302-BB07	302-BB07	302-BB07	302-BB08	302-BB08
Field Sample ID	Numeric Value	Groundwater	302-BA03-C2-VOC	302-BA03-C3-VOC	302-BA04-C1-VOC	302-BA04-C2-VOC	302-BB04-C1-VOC	302-BB04-C2-VOC	302-BB07-C3-VOC	302-BB07-C4-VOC	302-BB07-C5-VOC	302-BB07-C1-VOC	302-BB07-C2-VOC	302-BB08-C1-VOC	302-BB08-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.9 - 1.1	1.5 - 1.7	0.9 - 1.1	2.1 - 2.3	0.3 - 0.5	0.6 - 0.8	2.0 - 2.1	2.9 - 3.0	3.8 - 4.0	0.3 - 0.5	0.8 - 0.9	0.0 - 0.2	0.3 - 0.5
Sample Date	(mg/kg)	(mg/kg)	10/10/2022	10/10/2022	10/3/2022	10/3/2022	10/10/2022	10/10/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022
VOCs															
Benzene	280	0.5	U (0.00099)	U (0.0005)	0.00056 (0.00049)	1.7 (0.07)	U (0.00085)	U (0.026)	27 (0.11)	0.71 J (1.5)	65 (1.5)	1 (0.054)	7.3 (0.27)	0.0028 (0.00058)	0.00044 (0.00043)
Cumene	10000	2500	U (0.002)	U (0.00099)	0.0017 (0.00099)	3.4 (0.14)	U (0.0017)	0.037 J (0.052)	3.8 (0.23)	2 J (3)	5.8 (3)	1.5 (0.11)	3.5 (0.54)	U (0.0012)	U (0.00086)
1,2-Dibromoethane	3.7	0.005	U (0.00099)	U (0.0005)	U (0.00049)	U (0.07)	U (0.00085)	U (0.026)	U (0.11)	U (1.5)	U (1.5)	U (0.054)	U (0.27)	U (0.00058)	U (0.00043)
1,2-Dichloroethane	85	0.5	U (0.002)	U (0.00099)	U (0.00099)	U (0.14)	U (0.0017)	U (0.052)	U (0.23)	U (3)	U (3)	U (0.11)	U (0.54)	U (0.0012)	U (0.00086)
Ethyl Benzene	880	70	U (0.002)	U (0.00099)	0.0018 (0.00099)	18 (0.14)	U (0.0017)	0.01 J (0.052)	56 (0.23)	16 (3)	65 (3)	4.8 (0.11)	16 (0.54)	U (0.0012)	U (0.00086)
Methyl tert-butyl ether	8500	2	U (0.004)	U (0.002)	0.00023 J (0.002)	U (0.28)	U (0.0034)	U (0.1)	U (0.46)	U (6)	U (6.1)	U (0.22)	U (1.1)	U (0.0023)	U (0.0017)
Toluene	10000	100	U (0.002)	U (0.00099)	0.00075 J (0.00099)	0.86 (0.14)	U (0.0017)	U (0.052)	44 (0.23)	2.6 J (3)	150 (3)	3.3 (0.11)	15 (0.54)	U (0.0012)	U (0.00086)
1,2,4-Trimethylbenzene	4700	300	U (0.004)	U (0.002)	0.04 (0.002)	69 (1.1)	U (0.0034)	2.2 (0.1)	50 (0.46)	9.9 (6)	110 (6.1)	8 (0.22)	14 (1.1)	U (0.0023)	U (0.0017)
1,3,5-Trimethylbenzene	4700	93	U (0.004)	U (0.002)	0.013 (0.002)	21 (0.28)	U (0.0034)	0.6 (0.1)	19 (0.46)	1.4 J (6)	41 (6.1)	4.1 (0.22)	6.6 (1.1)	U (0.0023)	U (0.0017)
Xylenes (total)	7900	1000	U (0.004)	U (0.002)	0.0207 J (0.002)	80.1 J (0.28)	U (0.0034)	0.228 J (0.1)	193 J (0.57)	9.6 J (6)	316 J (6.1)	19.6 J (0.22)	64 J (1.1)	U (0.0023)	U (0.0017)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-BB08-d	302-BC04-d	302-BC06-b	302-BC06-b	302-BC06-b
Cell	Soil Direct Contact	Soil to	302-BB08	302-BC04	302-BC06	302-BC06	302-BC06
Field Sample ID	Numeric Value	Groundwater	302-BB08-C3-VOC	302-BC04-C1-VOC	302-BC06-C1-VOC	302-BC06-C2-VOC	302-BC06-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	0.5 - 0.6	0.3 - 0.5	0.9 - 1.1	1.7 - 1.8
Sample Date	(mg/kg)	(mg/kg)	9/16/2022	10/20/2022	9/16/2022	9/16/2022	9/16/2022
VOCs							
Benzene	280	0.5	U (0.0004)	0.00098 (0.00066)	0.066 (0.00058)	31 (29)	12 (2.8)
Cumene	10000	2500	U (0.0008)	0.001 J (0.0013)	0.0011 J (0.0012)	7.1 J (57)	9.1 (5.6)
1,2-Dibromoethane	3.7	0.005	U (0.0004)	U (0.00066)	U (0.00058)	U (29)	U (2.8)
1,2-Dichloroethane	85	0.5	U (0.0008)	U (0.0013)	U (0.0012)	U (57)	U (5.6)
Ethyl Benzene	880	70	U (0.0008)	0.00071 J (0.0013)	0.014 (0.0012)	120 (57)	100 (5.6)
Methyl tert-butyl ether	8500	2	U (0.0016)	U (0.0026)	U (0.0023)	U (110)	U (11)
Toluene	10000	100	U (0.0008)	U (0.0013)	0.0033 (0.0012)	U (57)	7.9 (5.6)
1,2,4-Trimethylbenzene	4700	300	U (0.0016)	0.0015 J (0.0026)	0.0088 (0.0023)	600 (110)	510 (11)
1,3,5-Trimethylbenzene	4700	93	U (0.0016)	0.00073 J (0.0026)	0.0038 (0.0023)	200 (110)	200 (11)
Xylenes (total)	7900	1000	U (0.0016)	0.00668 J (0.0026)	0.026 J (0.0023)	520 J (110)	385 J (11)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AC01-a	301-AC01-a	301-AC01-a	301-AC01-a	301-AC01-a	301-AC01-a	301-L01-d	301-T03-a	301-T03-c	301-T03-c	301-T03-c	301-T03-c	302-AD01-b	302-AD01-b
Cell	Soil Direct Contact	Soil to	301-AC01	301-AC01	301-AC01	301-AC01	301-AC01	301-AC01	301-L01	301-T03	301-T03	301-T03	301-T03	301-T03	302-AD01	302-AD01
Field Sample ID	Numeric Value	Groundwater	301-AC01-C1-VOC	301-AC01-C2-VOC	301-AC01-C3-VOC	301-AC01-C4-VOC	301-AC01-C5-VOC	301-L01-C1-VOC	301-T03-C5-VOC	301-T03-C1-VOC	301-T03-C2-VOC	301-T03-C3-VOC	301-T03-C4-VOC	302-AD01-C1-VOC	302-AD01-C2-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	2.4 - 2.6	4.6 - 4.7	5.5 - 5.6	7.9 - 8.1	1.1 - 1.2	1.2 - 1.4	0.2 - 0.3	0.6 - 0.8	0.9 - 1.1	1.4 - 1.5	2.4 - 2.6	4.9 - 5.0	
Sample Date	(mg/kg)	(mg/kg)	11/4/2022	11/4/2022	11/7/2022	11/7/2022	11/7/2022	10/21/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	11/4/2022	11/4/2022	
VOCs																
Benzene	280	0.5	0.00023 J (0.00064)	U (0.00046)	U (0.00049)	0.00018 J (0.00047)	U (0.029)	0.00022 J (0.0005)	0.00028 J (0.00046)	0.00025 J (0.00039)	U (0.00044)	U (0.00051)	0.00017 J (0.00047)	0.00024 J (0.00053)	U (0.00051)	
Cumene	10000	2500	U (0.0013)	U (0.00093)	U (0.00097)	0.00045 J (0.00094)	3 (0.058)	U (0.001)	0.00088 J (0.00092)	0.00033 J (0.00079)	0.00032 J (0.00088)	U (0.001)	0.0016 (0.00094)	U (0.001)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00064)	U (0.00046)	U (0.00049)	U (0.00047)	U (0.029)	U (0.0005)	U (0.00046)	U (0.00039)	U (0.00044)	U (0.00051)	U (0.00047)	U (0.00053)	U (0.00051)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.00093)	U (0.00097)	U (0.00094)	U (0.058)	U (0.001)	U (0.00092)	U (0.00079)	U (0.00088)	U (0.001)	U (0.00094)	U (0.001)	U (0.001)	
Ethyl Benzene	880	70	U (0.0013)	U (0.00093)	U (0.00097)	U (0.00094)	U (0.058)	U (0.001)	U (0.00092)	U (0.00079)	U (0.00088)	U (0.001)	U (0.00094)	U (0.001)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.0018)	U (0.0019)	U (0.0019)	U (0.12)	U (0.002)	U (0.0018)	U (0.0016)	U (0.0018)	U (0.002)	U (0.0019)	U (0.0021)	U (0.002)	
Toluene	10000	100	U (0.0013)	U (0.00093)	U (0.00097)	U (0.00094)	U (0.058)	U (0.001)	U (0.00092)	U (0.00079)	U (0.00088)	U (0.001)	U (0.00094)	U (0.001)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	U (0.0018)	U (0.0019)	U (0.0019)	U (0.12)	U (0.002)	U (0.0018)	U (0.0016)	U (0.0018)	U (0.002)	U (0.0019)	U (0.0021)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	U (0.0018)	U (0.0019)	U (0.0019)	U (0.12)	U (0.002)	U (0.0018)	U (0.0016)	U (0.0018)	U (0.002)	U (0.0019)	U (0.0021)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0026)	U (0.0018)	U (0.0019)	U (0.0019)	U (0.12)	U (0.002)	U (0.0018)	U (0.0016)	U (0.0018)	U (0.002)	U (0.0019)	U (0.0021)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AD01-d 302-AD01	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AD02-d 302-AD02	302-AE01-d 302-AE01	302-AE01-d 302-AE01	302-AE01-d 302-AE01	302-AE01-d 302-AE01	302-AE01-d 302-AE01	302-AE02-a 302-AE02	302-AE02-b 302-AE02
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	302-AD01-C3-VOC 7.5 - 7.6	302-AD02-C1-VOC 0.6 - 0.8	302-AD02-C2-VOC 2.4 - 2.6	302-AD02-C3-VOC 3.7 - 3.8	302-AD02-C4-VOC 5.5 - 5.6	302-AD02-C5-VOC 6.4 - 6.6	302-AD02-C5-VOC 6.4 - 6.6	302-AE01-C1-VOC 0.5 - 0.6	302-AE01-C2-VOC 2.3 - 2.4	302-AE01-C3-VOC 3.0 - 3.2	302-AE01-C4-VOC 4.9 - 5.0	302-AE01-C5-VOC 6.1 - 6.2	302-AE02-C1-VOC 0.2 - 0.3	302-AE02-C2-VOC 9.5 - 10.0	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	11/8/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022	11/8/2022	11/8/2022	
Sample Date	(mg/kg)	(mg/kg)	11/8/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022	11/8/2022	11/8/2022	
VOCs																	
Benzene	280	0.5	U (0.00036)	U (0.00074)	U (0.00048)	U (0.0005)	U (0.025)	U (0.00046)	U (0.00059)	0.00026 J (0.00049)	U (0.00048)	U (0.00079)	U (0.14)	U (0.00048)	U (0.00065)		
Cumene	10000	2500	U (0.00073)	U (0.0015)	U (0.00096)	U (0.001)	10 (0.05)	0.013 (0.00092)	U (0.0012)	U (0.00099)	U (0.00096)	U (0.0016)	2.6 (0.28)	U (0.00097)	U (0.0013)		
1,2-Dibromoethane	3.7	0.005	U (0.00036)	U (0.00074)	U (0.00048)	U (0.0005)	U (0.025)	U (0.00046)	U (0.00059)	U (0.00049)	U (0.00048)	U (0.00079)	U (0.14)	U (0.00048)	U (0.00065)		
1,2-Dichloroethane	85	0.5	U (0.00073)	U (0.0015)	U (0.00096)	U (0.001)	U (0.05)	U (0.00092)	U (0.0012)	U (0.00099)	U (0.00096)	U (0.0016)	U (0.28)	U (0.00097)	U (0.0013)		
Ethyl Benzene	880	70	U (0.00073)	U (0.0015)	U (0.00096)	U (0.001)	0.011 J (0.05)	U (0.00092)	U (0.0012)	U (0.00099)	U (0.00096)	U (0.0016)	U (0.28)	U (0.00097)	U (0.0013)		
Methyl tert-butyl ether	8500	2	U (0.0014)	U (0.003)	U (0.0019)	U (0.002)	U (0.1)	U (0.0018)	U (0.0024)	U (0.002)	U (0.0019)	U (0.0031)	U (0.57)	U (0.0019)	U (0.0026)		
Toluene	10000	100	U (0.00073)	U (0.0015)	U (0.00096)	U (0.001)	U (0.05)	U (0.00092)	U (0.0012)	U (0.00099)	U (0.00096)	U (0.0016)	U (0.28)	U (0.00097)	U (0.0013)		
1,2,4-Trimethylbenzene	4700	300	U (0.0014)	U (0.003)	U (0.0019)	U (0.002)	0.048 J (0.1)	U (0.0018)	U (0.0024)	U (0.002)	U (0.0019)	U (0.0031)	U (0.57)	U (0.0019)	U (0.0026)		
1,3,5-Trimethylbenzene	4700	93	U (0.0014)	U (0.003)	U (0.0019)	U (0.002)	U (0.1)	U (0.0018)	U (0.0024)	U (0.002)	U (0.0019)	U (0.0031)	U (0.57)	U (0.0019)	U (0.0026)		
Xylenes (total)	7900	1000	U (0.0014)	U (0.003)	U (0.0019)	U (0.002)	0.09 J (0.1)	U (0.0018)	U (0.0024)	U (0.002)	U (0.0019)	U (0.0031)	U (0.57)	U (0.0019)	U (0.0026)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AE02-b 302-AE02	302-AE02-b 302-AE02	302-AF01-d 302-AF01	302-AF01-d 302-AF01	302-AF01-d 302-AF01	302-AF02-a 302-AF02	302-AF02-a 302-AF02	302-AF02-a 302-AF02	302-AF02-a 302-AF02	302-AG01-d 302-AG01	302-AG01-d 302-AG01	302-AG01-d 302-AG01	302-AG01-d 302-AG01	
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	302-AE02-C3-VOC 5.3 - 5.5	302-AE02-C4-VOC 22.5 - 23.0	302-AF01-C1-VOC 1.5 - 1.7	302-AF01-C2-VOC 3.0 - 3.2	302-AF01-C3-VOC 5.5 - 5.6	302-AF02-C1-VOC 1.1 - 1.2	302-AF02-C2-VOC 2.4 - 2.6	302-AF02-C3-VOC 5.0 - 5.2	302-AF02-C4-VOC 6.1 - 6.2	302-AG01-C1-VOC 0.3 - 0.5	302-AG01-C2-VOC 2.1 - 2.3	302-AG01-C3-VOC 3.4 - 3.5	302-AG01-C4-VOC 4.9 - 5.0	
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	11/8/2022	11/8/2022	10/31/2022	10/31/2022	10/31/2022	11/3/2022	11/3/2022	11/3/2022	11/3/2022	11/2/2022	11/2/2022	11/2/2022	11/2/2022	
Sample Date	(mg/kg)	(mg/kg)	11/8/2022	11/8/2022	10/31/2022	10/31/2022	10/31/2022	11/3/2022	11/3/2022	11/3/2022	11/3/2022	11/2/2022	11/2/2022	11/2/2022	11/2/2022	
VOCs																
Benzene	280	0.5	U (0.00047)	U (0.027)	U (0.00067)	U (0.027)	U (0.00046)	U (0.00052)	U (0.00052)	U (0.00048)	U (0.053)	U (0.00048)	U (0.00078)	U (0.00052)	U (0.00049)	
Cumene	10000	2500	U (0.00095)	13 (0.053)	U (0.0013)	4.6 (0.055)	0.003 (0.00093)	U (0.001)	U (0.001)	U (0.00097)	10 (0.11)	U (0.00095)	U (0.0016)	U (0.001)	U (0.00099)	
1,2-Dibromoethane	3.7	0.005	U (0.00047)	U (0.027)	U (0.00067)	U (0.027)	U (0.00046)	U (0.00052)	U (0.00052)	U (0.00048)	U (0.053)	U (0.00048)	U (0.00078)	U (0.00052)	U (0.00049)	
1,2-Dichloroethane	85	0.5	U (0.00095)	U (0.053)	U (0.0013)	U (0.055)	U (0.00093)	U (0.001)	U (0.001)	U (0.00097)	U (0.11)	U (0.00095)	U (0.0016)	U (0.001)	U (0.00099)	
Ethyl Benzene	880	70	U (0.00095)	1.5 (0.053)	U (0.0013)	U (0.055)	U (0.00093)	U (0.001)	U (0.001)	U (0.00097)	U (0.11)	U (0.00095)	U (0.0016)	U (0.001)	U (0.00099)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.11)	U (0.0027)	U (0.11)	U (0.0018)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.21)	U (0.0019)	U (0.0031)	U (0.0021)	U (0.002)	
Toluene	10000	100	U (0.00095)	U (0.053)	U (0.0013)	U (0.055)	U (0.00093)	U (0.001)	U (0.001)	U (0.00097)	U (0.11)	U (0.00095)	U (0.0016)	U (0.001)	U (0.00099)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	4.9 (0.11)	U (0.0027)	U (0.11)	U (0.0018)	U (0.0021)	U (0.0021)	U (0.0019)	0.042 J (0.21)	U (0.0019)	U (0.0031)	U (0.0021)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.11)	U (0.0027)	U (0.11)	U (0.0018)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.21)	U (0.0019)	U (0.0031)	U (0.0021)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0019)	0.2765 J (0.11)	U (0.0027)	U (0.11)	U (0.0018)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.21)	U (0.0019)	U (0.0031)	U (0.0021)	U (0.002)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AG01-d 302-AG01	302-AG02-d 302-AG02	302-AG02-d 302-AG02	302-AG02-d 302-AG02	302-AG02-d 302-AG02	302-AG02-d 302-AG02	302-AH01-a 302-AH01	302-AH01-a 302-AH01	302-AH01-d 302-AH01	302-AH02-c 302-AH02	302-AH02-d 302-AH02	302-AH02-d 302-AH02	302-AH02-d 302-AH02	302-AH02-d 302-AH02	302-AH03-a 302-AH03
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	302-AG01-C5-VOC 6.4 - 3.8	302-AG02-C1-VOC 0.6 - 0.8	302-AG02-C2-VOC 2.1 - 2.3	302-AG02-C3-VOC 4.3 - 4.4	302-AG02-C4-VOC 5.8 - 5.9	302-AH01-C1-VOC 0.9 - 1.1	302-AH01-C3-VOC 4.0 - 4.1	302-AH01-C2-VOC 4.3 - 4.4	302-AH02-C3-VOC 5.5 - 5.6	302-AH02-C1-VOC 0.6 - 0.8	302-AH02-C2-VOC 3.0 - 3.2	302-AH02-C4-VOC 7.6 - 7.8	302-AH03-C3-VOC 4.9 - 5.0	Sample Date (mg/kg)	Sample Date (mg/kg)
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	11/2/2022	11/1/2022	11/1/2022	11/1/2022	11/1/2022	11/10/2022	11/10/2022	11/10/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	
VOCs																	
Benzene	280	0.5	U (0.0005)	U (0.00049)	U (0.00048)	U (0.00054)	0.098 (0.028)	U (0.00057)	0.0014 (0.00049)	0.00021 J (0.00047)	0.00025 J (0.00055)	0.023 (0.00057)	0.003 (0.00057)	2800 (13)	220 (1.6)		
Cumene	10000	2500	U (0.001)	U (0.00098)	U (0.00096)	U (0.0011)	4.2 (0.057)	U (0.0011)	U (0.00098)	U (0.00094)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.0011)	7.2 (5.3)	14 (0.64)	
1,2-Dibromoethane	3.7	0.005	U (0.0005)	U (0.00049)	U (0.00048)	U (0.00054)	U (0.028)	U (0.00057)	U (0.00049)	U (0.00047)	U (0.00055)	U (0.00057)	U (0.00057)	U (2.6)	U (0.32)		
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.00098)	U (0.00096)	U (0.0011)	U (0.057)	U (0.0011)	U (0.00098)	U (0.00094)	U (0.0011)	0.00062 J (0.0011)	U (0.0011)	U (5.3)	U (0.64)		
Ethyl Benzene	880	70	U (0.001)	U (0.00098)	U (0.00096)	U (0.0011)	0.048 J (0.057)	U (0.0011)	U (0.00098)	U (0.00094)	U (0.0011)	U (0.0011)	U (0.0011)	6.6 (5.3)	9.7 (0.64)		
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.002)	0.00019 J (0.0019)	U (0.0022)	U (0.11)	U (0.0023)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0023)	U (0.0023)	U (10)	U (1.3)		
Toluene	10000	100	U (0.001)	U (0.00098)	U (0.00096)	U (0.0011)	0.038 J (0.057)	U (0.0011)	U (0.00098)	U (0.00094)	U (0.0011)	0.0024 (0.0011)	U (0.0011)	2000 (26)	0.53 J (0.64)		
1,2,4-Trimethylbenzene	4700	300	U (0.002)	U (0.002)	U (0.0019)	U (0.0022)	0.36 (0.11)	U (0.0023)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0023)	U (0.0023)	3.2 J (10)	95 (1.3)		
1,3,5-Trimethylbenzene	4700	93	U (0.002)	U (0.002)	U (0.0019)	U (0.0022)	U (0.11)	U (0.0023)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0023)	U (0.0023)	U (10)	4.8 (1.3)		
Xylenes (total)	7900	1000	U (0.002)	U (0.002)	U (0.0019)	U (0.0022)	0.3385 J (0.11)	U (0.0023)	U (0.002)	U (0.0019)	U (0.0022)	U (0.0023)	U (0.0023)	20.5 J (10)	2.32 J (1.3)		

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AH03-a 302-AH03	302-AH03-b 302-AH03	302-AH03-b 302-AH03	302-AI01-b 302-AI01	302-AI02-b 302-AI02	302-AI02-b 302-AI02	302-AI02-d 302-AI02	302-AI02-d 302-AI02	302-AI02-d 302-AI02	302-AI03-c 302-AI03	302-AI03-c 302-AI03	302-AI03-c 302-AI03	302-AI03-c 302-AI03	
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value (mg/kg)	302-AH03-C4-VOC 7.6 - 7.8	302-AH03-C1-VOC 1.1 - 1.2	302-AH03-C2-VOC 2.7 - 2.9	302-AI01-C1-VOC 3.2 - 3.4	302-AI02-C1-VOC 0.9 - 1.1	302-AI02-C3-VOC 3.4 - 3.5	302-AI02-C2-VOC 2.7 - 2.9	302-AI02-C4-VOC 6.1 - 6.2	302-AI02-C5-VOC 8.5 - 8.7	302-AI03-C1-VOC 0.6 - 0.8	302-AI03-C2-VOC 2.1 - 2.3	302-AI03-C3-VOC 3.0 - 3.2	302-AI03-C4-VOC 5.2 - 5.3	
Collection Depth (ft bgs)			11/9/2022	11/9/2022	11/9/2022	10/25/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	10/27/2022	10/27/2022	10/27/2022	10/27/2022	
Sample Date	(mg/kg)	(mg/kg)														
VOCs																
Benzene	280	0.5	0.068 (0.00046)	0.0029 (0.0006)	0.0011 (0.00054)	U (0.00064)	U (0.0005)	0.00032 J (0.00046)	U (0.00047)	0.46 (0.026)	94 (2.6)	0.064 (0.033)	0.68 (0.028)	0.0064 (0.00057)	0.006 (0.0008)	
Cumene	10000	2500	0.0022 (0.00093)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.001)	U (0.00091)	U (0.00093)	U (0.00092)	U (0.26)	0.16 (0.066)	U (0.056)	U (0.0011)	U (0.0016)	
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.0006)	U (0.00054)	U (0.00064)	U (0.0005)	U (0.00046)	U (0.00047)	U (0.00046)	U (0.13)	U (0.033)	U (0.028)	U (0.00057)	U (0.0008)	
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.001)	U (0.00091)	U (0.00093)	0.013 J (0.052)	2.3 (0.26)	U (0.066)	U (0.056)	U (0.0011)	U (0.0016)	
Ethyl Benzene	880	70	0.0013 (0.00093)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.001)	U (0.00091)	U (0.00093)	0.00098 (0.00092)	0.69 (0.26)	0.059 J (0.066)	U (0.056)	U (0.0011)	U (0.0016)	
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.0024)	U (0.0022)	U (0.0025)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.53)	U (0.13)	U (0.11)	U (0.0023)	U (0.0032)	
Toluene	10000	100	0.0022 (0.00093)	U (0.0012)	U (0.0011)	U (0.0013)	U (0.001)	U (0.00091)	U (0.00093)	0.2 (0.052)	190 (5.3)	U (0.066)	U (0.056)	U (0.0011)	U (0.0016)	
1,2,4-Trimethylbenzene	4700	300	0.015 (0.0018)	U (0.0024)	U (0.0022)	U (0.0025)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.53)	2.8 (0.13)	U (0.11)	U (0.0023)	U (0.0032)	
1,3,5-Trimethylbenzene	4700	93	0.001 J (0.0018)	U (0.0024)	U (0.0022)	U (0.0025)	U (0.002)	U (0.0018)	U (0.0019)	U (0.0018)	U (0.53)	4.6 (0.13)	U (0.11)	U (0.0023)	U (0.0032)	
Xylenes (total)	7900	1000	0.000985 J (0.0018)	U (0.0024)	U (0.0022)	U (0.0025)	U (0.002)	U (0.0018)	U (0.0019)	0.00329 J (0.0018)	2.41 J (0.53)	0.633 J (0.13)	U (0.11)	U (0.0023)	U (0.0032)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AI04-a	302-AI04-a	302-AI04-a	302-AI04-a	302-AJ03-c	302-AJ03-c	302-AJ03-c	302-AJ03-c	302-AK02-a	302-AK02-a	302-AK02-a	302-AK02-d	302-AL02-a	
Cell	Soil Direct Contact	Soil to	302-AI04	302-AI04	302-AI04	302-AI04	302-AJ03	302-AJ03	302-AJ03	302-AJ03	302-AK02	302-AK02	302-AK02	302-AK02	302-AL02	
Field Sample ID	Numeric Value	Groundwater	302-AI04-C1-VOC	302-AI04-C2-VOC	302-AI04-C3-VOC	302-AI04-C4-VOC	302-AJ03-C1-VOC	302-AJ03-C2-VOC	302-AJ03-C3-VOC	302-AJ03-C4-VOC	302-AK02-C1-VOC	302-AK02-C3-VOC	302-AK02-C4-VOC	302-AK02-C2-VOC	302-AL02-C3-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	2.1 - 2.3	3.7 - 3.8	5.0 - 5.2	1.8 - 2.0	2.4 - 2.6	4.6 - 4.7	6.7 - 6.9	0.5 - 0.6	2.3 - 2.4	3.0 - 3.2	1.8 - 2.0	1.5 - 1.7	
Sample Date	(mg/kg)	(mg/kg)	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/25/2022	10/25/2022	10/25/2022	10/25/2022	11/11/2022	
VOCs																
Benzene	280	0.5	0.0002 J (0.00054)	0.00019 J (0.0005)	1.2 (0.026)	1.1 (0.029)	0.00041 J (0.00059)	0.00049 J (0.00057)	0.009 (0.00046)	0.016 (0.00057)	0.0052 (0.0003)	U (0.001)	U (0.00048)	U (0.00058)	U (0.00054)	
Cumene	10000	2500	0.00052 J (0.0011)	0.00013 J (0.001)	0.00035 J (0.00091)	0.0004 J (0.001)	U (0.0012)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0006)	U (0.0021)	U (0.00096)	U (0.0012)	U (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.0005)	U (0.00046)	U (0.0005)	U (0.00059)	U (0.00057)	U (0.00046)	U (0.00057)	U (0.0003)	U (0.001)	U (0.00048)	U (0.00058)	U (0.00054)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.001)	U (0.00091)	U (0.001)	U (0.0012)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0006)	U (0.0021)	U (0.00096)	U (0.0012)	U (0.0011)	
Ethyl Benzene	880	70	0.00025 J (0.0011)	U (0.001)	U (0.00091)	U (0.001)	U (0.0012)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0006)	U (0.0021)	U (0.00096)	U (0.0012)	U (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.002)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0023)	U (0.0018)	U (0.0023)	U (0.0012)	U (0.0042)	U (0.0019)	U (0.0023)	U (0.0022)	
Toluene	10000	100	U (0.0011)	U (0.001)	U (0.00091)	U (0.001)	U (0.0012)	U (0.0011)	U (0.00092)	U (0.0011)	U (0.0006)	U (0.0021)	U (0.00096)	U (0.0012)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	0.00036 J (0.0022)	U (0.002)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0023)	U (0.0018)	U (0.0023)	U (0.0012)	U (0.0042)	U (0.0019)	U (0.0023)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	U (0.0022)	U (0.002)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0023)	U (0.0018)	U (0.0023)	U (0.0012)	U (0.0042)	U (0.0019)	U (0.0023)	U (0.0022)	
Xylenes (total)	7900	1000	U (0.0022)	U (0.002)	U (0.0018)	U (0.002)	U (0.0024)	U (0.0023)	U (0.0018)	U (0.0023)	U (0.0012)	U (0.0042)	U (0.0019)	U (0.0023)	0.00149 J (0.0022)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AL02-a	302-AL02-c	302-AL02-d	302-AM01-c	302-AM01-c	302-AM01-c	302-AM01-c	302-AM01-c	302-AO01-a
Cell	Soil Direct Contact	Soil to	302-AL02	302-AL02	302-AL02	302-AM01	302-AM01	302-AM01	302-AM01	302-AM01	302-AO01
Field Sample ID	Numeric Value	Groundwater	302-AL02-C4-VOC	302-AL02-C1-VOC	302-AL02-C2-VOC	302-AM01-C1-VOC	302-AM01-C2-VOC	302-AM01-C3-VOC	302-AM01-C4-VOC	302-AO01-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.3	0.0 - 0.2	1.1 - 1.2	0.2 - 0.3	0.6 - 0.8	0.9 - 1.1	1.4 - 1.5	0.6 - 0.8	
Sample Date	(mg/kg)	(mg/kg)	11/11/2022	11/11/2022	11/11/2022	10/24/2022	10/24/2022	10/24/2022	10/24/2022	10/24/2022	
VOCs											
Benzene	280	0.5	0.00083 (0.00046)	U (0.00054)	U (0.00063)	2.8 (0.027)	0.0041 (0.00053)	U (0.00054)	0.00023 J (0.00046)	U (0.001)	
Cumene	10000	2500	U (0.00093)	U (0.0011)	U (0.0013)	0.0088 J (0.055)	U (0.001)	U (0.0011)	U (0.00093)	U (0.0021)	
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.00054)	U (0.00063)	U (0.027)	U (0.00053)	U (0.00054)	U (0.00046)	U (0.001)	
1,2-Dichloroethane	85	0.5	U (0.00093)	U (0.0011)	U (0.0013)	U (0.055)	U (0.001)	U (0.0011)	U (0.00093)	U (0.0021)	
Ethyl Benzene	880	70	U (0.00093)	U (0.0011)	U (0.0013)	0.019 J (0.055)	U (0.001)	U (0.0011)	U (0.00093)	U (0.0021)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.0022)	U (0.0025)	U (0.11)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.0042)	
Toluene	10000	100	U (0.00093)	U (0.0011)	U (0.0013)	0.092 (0.055)	U (0.001)	U (0.0011)	U (0.00093)	U (0.0021)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	0.00037 J (0.0022)	U (0.0025)	0.036 J (0.11)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.0042)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	U (0.0022)	U (0.0025)	0.01 J (0.11)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.0042)	
Xylenes (total)	7900	1000	0.00125 J (0.0019)	0.00148 J (0.0022)	0.00171 J (0.0025)	0.151 J (0.11)	U (0.0021)	U (0.0021)	U (0.0019)	U (0.0042)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-A01-d 401-A01	401-B01-b 401-B01	401-B01-d 401-B01	401-C01-a 401-C01	401-C01-d 401-C01	401-C01-d 401-C01	401-C01-d 401-C01	401-C01-d 401-C01	401-D01-d 401-D01	401-D01-d 401-D01	401-D01-d 401-D01	401-D01-d 401-D01	401-D02-c 401-D02
Field Sample ID	Numeric Value	Numeric Value	401-A01-C1-VOC	401-B01-C1-VOC	401-B01-C2-VOC	401-C01-C1-VOC	401-C01-C2-VOC	401-C01-C3-VOC	401-C01-C4-VOC	401-C01-C5-VOC	401-D01-C1-VOC	401-D01-C2-VOC	401-D01-C3-VOC	401-D01-C4-VOC	401-D02-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	(mg/kg)	1.0 - 1.5	0.8 - 1.3	1.0 - 1.5	0.0 - 0.5	1.0 - 1.5	2.3 - 2.8	4.0 - 4.5	4.5 - 5.0	1.0 - 1.5	3.5 - 4.0	6.5 - 7.0	7.5 - 8.0	0.5 - 1.0
Sample Date	(mg/kg)	(mg/kg)	8/13/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/13/2024
VOCs															
Benzene	280	0.5	0.0038 (0.00085)	0.0078 (0.00068)	0.01 (0.00068)	0.00067 (0.00057)	0.089 J (0.15)	0.12 (0.053)	U (0.028)	U (0.026)	0.0019 (0.00056)	0.66 (0.045)	U (0.16)	U (0.18)	0.011 (0.00051)
Cumene	10000	2500	0.00091 J (0.0017)	U (0.0014)	0.01 (0.0014)	U (0.0011)	4.8 (0.3)	2.4 (0.11)	0.71 (0.056)	0.38 (0.051)	0.0076 (0.0011)	1.9 (0.09)	19 (0.31)	18 (0.36)	0.0013 (0.001)
1,2-Dibromoethane	3.7	0.005	U (0.00085)	U (0.00068)	U (0.00068)	U (0.00057)	U (0.15)	U (0.053)	U (0.028)	U (0.026)	U (0.00056)	U (0.045)	U (0.16)	U (0.18)	U (0.00051)
1,2-Dichloroethane	85	0.5	U (0.0017)	U (0.0014)	U (0.0014)	U (0.0011)	U (0.3)	U (0.11)	U (0.056)	U (0.051)	U (0.0011)	U (0.09)	U (0.31)	U (0.36)	U (0.001)
Ethyl Benzene	880	70	U (0.0017)	U (0.0014)	0.0021 (0.0014)	U (0.0011)	0.063 J (0.3)	0.018 J (0.11)	U (0.056)	U (0.051)	0.0012 (0.0011)	0.092 (0.09)	1.6 (0.31)	1.7 (0.36)	0.0031 (0.001)
Methyl tert-butyl ether	8500	2	U (0.0034)	U (0.0027)	U (0.0027)	U (0.0023)	U (0.6)	U (0.21)	U (0.11)	U (0.1)	U (0.0022)	U (0.18)	U (0.62)	U (0.71)	U (0.002)
Toluene	10000	100	U (0.0017)	U (0.0014)	0.0022 (0.0014)	U (0.0011)	U (0.3)	U (0.11)	U (0.056)	U (0.051)	0.00061 J (0.0011)	0.17 (0.09)	U (0.31)	U (0.36)	0.002 (0.001)
1,2,4-Trimethylbenzene	4700	300	U (0.0034)	U (0.0027)	0.0032 (0.0027)	U (0.0023)	0.17 J (0.6)	0.088 J (0.21)	U (0.11)	U (0.1)	0.012 (0.0022)	0.17 J (0.18)	120 (2.5)	130 (2.8)	0.001 J (0.002)
1,3,5-Trimethylbenzene	4700	93	U (0.0034)	U (0.0027)	0.0018 J (0.0027)	U (0.0023)	U (0.6)	U (0.21)	U (0.11)	U (0.1)	0.0027 (0.0022)	0.043 J (0.18)	23 (0.62)	31 (0.71)	0.00034 J (0.002)
Xylenes (total)	7900	1000	0.0021 J (0.0017)	U (0.0014)	0.0079 (0.0014)	U (0.0011)	0.19 J (0.3)	0.071 J (0.11)	U (0.056)	U (0.051)	0.0089 (0.0011)	0.62 (0.09)	32 (0.31)	40 (0.36)	0.0048 (0.001)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-D02-c 401-D02	401-D02-c 401-D02	401-D02-c 401-D02	401-D02-c 401-D02	401-E01-c 401-E01	401-E01-c 401-E01	401-E01-d 401-E01	401-E02-c 401-E02	401-E02-d 401-E02	401-F01-a 401-F01	401-F01-a 401-F01	401-F01-d 401-F01	401-G01-d 401-G01
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-D02-C2-VOC 2.0 - 2.5	401-D02-C3-VOC 4.0 - 4.5	401-D02-C4-VOC 5.8 - 6.3	401-D02-C5-VOC 7.3 - 7.8	401-E01-C1-VOC 1.0 - 1.5	401-E01-C2-VOC 3.0 - 3.5	401-E01-C3-VOC 5.4 - 5.9	401-E02-C1-VOC 1.5 - 2.0	401-E02-C2-VOC 4.0 - 4.5	401-F01-C1-VOC 2.5 - 3.0	401-F01-C2-VOC 4.5 - 5.0	401-F01-C3-VOC 3.5 - 4.0	401-G01-C1-VOC 2.0 - 2.5
Collection Depth (ft bgs)	Sample Date	(mg/kg)	(mg/kg)	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/14/2024	8/14/2024	8/14/2024	8/13/2024	8/13/2024	8/8/2024	8/8/2024	8/8/2024
VOCs															
Benzene	280	0.5	0.28 (0.025)	0.14 (0.025)	0.2 (0.03)	0.021 J (0.028)	0.001 (0.0006)	0.002 (0.00055)	U (0.22)	0.0092 J (0.024)	3.3 (0.2)	U (0.00043)	U (0.03)	0.46 (0.03)	0.64 (0.044)
Cumene	10000	2500	0.8 (0.05)	6 (0.05)	8.2 (0.06)	3.9 (0.055)	U (0.0012)	0.00039 J (0.0011)	2.8 (0.44)	0.51 (0.049)	38 (0.4)	0.0039 (0.00086)	0.014 J (0.059)	1.4 (0.06)	0.16 (0.087)
1,2-Dibromoethane	3.7	0.005	U (0.025)	U (0.025)	U (0.03)	U (0.028)	U (0.0006)	U (0.00055)	U (0.22)	U (0.024)	U (0.2)	U (0.00043)	U (0.03)	U (0.03)	U (0.044)
1,2-Dichloroethane	85	0.5	U (0.05)	U (0.05)	U (0.06)	U (0.055)	U (0.0012)	U (0.0011)	U (0.44)	U (0.049)	U (0.4)	U (0.00086)	U (0.059)	U (0.06)	U (0.087)
Ethyl Benzene	880	70	0.54 (0.05)	0.3 (0.05)	0.4 (0.06)	0.05 J (0.055)	U (0.0012)	0.0014 (0.0011)	U (0.44)	U (0.049)	2.3 (0.4)	0.00029 J (0.00086)	U (0.059)	0.15 (0.06)	0.12 (0.087)
Methyl tert-butyl ether	8500	2	U (0.1)	U (0.1)	U (0.12)	U (0.11)	U (0.0024)	U (0.0022)	U (0.89)	U (0.098)	U (0.8)	U (0.0017)	U (0.12)	0.058 J (0.12)	U (0.17)
Toluene	10000	100	0.17 (0.05)	0.15 (0.05)	0.2 (0.06)	0.042 J (0.055)	U (0.0012)	0.0023 (0.0011)	U (0.44)	U (0.049)	1.5 (0.4)	0.0006 J (0.00086)	U (0.059)	0.06 (0.06)	0.53 (0.087)
1,2,4-Trimethylbenzene	4700	300	0.57 (0.1)	0.12 (0.1)	0.16 (0.12)	0.073 J (0.11)	0.00048 J (0.0024)	0.0019 J (0.0022)	0.57 J (0.89)	U (0.098)	2.3 (0.8)	U (0.0017)	U (0.12)	0.13 (0.12)	0.098 J (0.17)
1,3,5-Trimethylbenzene	4700	93	0.16 (0.1)	0.15 (0.1)	0.14 (0.12)	0.018 J (0.11)	U (0.0024)	0.0009 J (0.0022)	0.29 J (0.89)	U (0.098)	1.4 (0.8)	U (0.0017)	U (0.12)	0.068 J (0.12)	0.02 J (0.17)
Xylenes (total)	7900	1000	1.1 (0.05)	0.85 (0.05)	1.2 (0.06)	0.32 (0.055)	U (0.0012)	0.0083 (0.0011)	U (0.44)	0.059 J (0.049)	7 (0.08)	0.008 (0.00086)	U (0.059)	0.67 (0.06)	0.36 J (0.087)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-G01-d 401-G01	401-H01-a 401-H01	401-H01-c 401-H01	401-H02-b 401-H02	401-H02-c 401-H02	401-I01-d 401-I01	401-J01-c 401-J01	401-J01-d 401-J01	401-K01-b 401-K01	401-K01-d 401-K01	401-K01-d 401-K01	401-K01-d 401-K01	401-L01-c 401-L01
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-G01-C2-VOC 4.0 - 4.5	401-H01-C1-VOC 2.0 - 2.5	401-H01-C2-VOC 3.5 - 4.0	401-H02-C2-VOC 3.5 - 4.0	401-H02-C1-VOC 4.5 - 5.0	401-I01-C1-VOC 0.5 - 1.0	401-J01-C2-VOC 11.5 - 12.0	401-J01-C1-VOC 1.5 - 2.0	401-K01-C4-VOC 3.0 - 3.5	401-K01-C1-VOC 1.9 - 2.4	401-K01-C2-VOC 3.0 - 3.5	401-K01-C3-VOC 4.7 - 5.2	401-L01-C1-VOC 1.0 - 1.5
Collection Depth (ft bgs)	Sample Date	(mg/kg)	(mg/kg)	8/8/2024	8/8/2024	8/8/2024	8/13/2024	8/13/2024	8/8/2024	8/12/2024	8/12/2024	8/13/2024	8/13/2024	8/13/2024	8/9/2024
VOCs															
Benzene	280	0.5	0.46 (0.043)	0.00053 (0.00048)	0.0025 (0.00046)	0.19 (0.031)	U (0.027)	0.02 (0.00068)	4.3 (0.14)	0.00075 (0.00058)	0.071 (0.032)	1.2 (0.03)	0.093 (0.026)	0.87 (0.026)	0.012 J (0.03)
Cumene	10000	2500	4.5 (0.086)	U (0.00097)	0.00057 J (0.00093)	1.7 (0.061)	0.36 (0.053)	0.00095 J (0.0014)	7.8 (0.29)	0.00023 J (0.0012)	1.8 (0.063)	7.3 (0.06)	0.52 (0.052)	1.5 (0.051)	2.5 (0.061)
1,2-Dibromoethane	3.7	0.005	U (0.043)	U (0.00048)	U (0.00046)	U (0.031)	U (0.027)	U (0.00068)	U (0.14)	U (0.00058)	U (0.032)	U (0.03)	U (0.026)	U (0.026)	U (0.03)
1,2-Dichloroethane	85	0.5	U (0.086)	U (0.00097)	U (0.00093)	U (0.061)	U (0.053)	U (0.0014)	0.11 J (0.29)	U (0.0012)	U (0.063)	U (0.06)	U (0.052)	U (0.051)	U (0.061)
Ethyl Benzene	880	70	0.17 (0.086)	0.00017 J (0.00097)	0.00048 J (0.00093)	0.1 (0.061)	0.13 (0.053)	0.0038 (0.0014)	49 (0.29)	0.001 J (0.0012)	0.057 J (0.063)	2.4 (0.06)	0.94 (0.052)	0.89 (0.051)	0.013 J (0.061)
Methyl tert-butyl ether	8500	2	U (0.17)	U (0.0019)	U (0.0019)	U (0.12)	U (0.11)	U (0.0027)	U (0.58)	U (0.0023)	U (0.13)	U (0.12)	U (0.1)	U (0.1)	U (0.12)
Toluene	10000	100	0.53 (0.086)	U (0.00097)	0.00084 J (0.00093)	0.14 (0.061)	0.029 J (0.053)	0.0073 (0.0014)	0.18 J (0.29)	U (0.0012)	0.068 (0.063)	1.1 (0.06)	U (0.052)	0.07 (0.051)	U (0.061)
1,2,4-Trimethylbenzene	4700	300	0.15 J (0.17)	U (0.0019)	0.00071 J (0.0019)	0.082 J (0.12)	0.12 (0.11)	0.00081 J (0.0027)	150 (1.2)	0.0014 J (0.0023)	0.1 J (0.13)	23 (0.6)	8.2 (0.1)	4.6 (0.1)	0.039 J (0.12)
1,3,5-Trimethylbenzene	4700	93	0.054 J (0.17)	U (0.0019)	0.00065 J (0.0019)	0.029 J (0.12)	0.15 (0.11)	0.00034 J (0.0027)	41 (0.58)	0.00055 J (0.0023)	0.019 J (0.13)	0.95 (0.12)	0.26 (0.1)	0.36 (0.1)	U (0.12)
Xylenes (total)	7900	1000	0.49 (0.086)	U (0.00097)	0.0018 J (0.00093)	0.32 (0.061)	0.24 (0.053)	0.0049 (0.0014)	79 (0.29)	0.0025 (0.0012)	0.25 (0.063)	3.3 (0.06)	0.33 J (0.052)	0.49 (0.051)	U (0.061)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-L02-b 401-L02	401-L02-b 401-L02	401-M01-c 401-M01	401-M01-c 401-M01	401-N01-b 401-N01	401-N01-c 401-N01	401-O01-d 401-O01	401-O01-d 401-O01	401-P01-d 401-P01	401-P01-d 401-P01	401-Q01-d 401-Q01	401-Q01-d 401-Q01	401-Q01-d 401-Q01
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-L02-C1-VOC	401-L02-C2-VOC	401-M01-C1-VOC	401-M01-C2-VOC	401-N01-C2-VOC	401-N01-C1-VOC	401-O01-C1-VOC	401-O01-C2-VOC	401-P01-C1-VOC	401-P01-C2-VOC	401-Q01-C1-VOC	401-Q01-C2-VOC	401-Q01-C3-VOC
Collection Depth (ft bgs)			1.9 - 2.4	2.5 - 3.0	1.0 - 1.5	4.5 - 5.0	4.5 - 5.0	2.0 - 2.5	2.0 - 2.5	3.0 - 3.5	2.5 - 3.0	5.8 - 6.3	1.5 - 2.0	2.5 - 3.0	5.0 - 5.5
Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/12/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024
VOCs															
Benzene	280	0.5	1.3 (0.033)	0.88 (0.035)	U (0.00056)	U (0.12)	5.8 (0.38)	0.01 (0.0006)	0.002 (0.0005)	0.00054 J (0.00055)	0.00084 (0.00052)	0.11 (0.023)	1.4 (0.028)	0.14 (0.031)	0.051 (0.034)
Cumene	10000	2500	17 (0.065)	12 (0.069)	0.00072 J (0.0011)	6.1 (0.24)	19 (0.76)	0.085 (0.0012)	0.015 (0.001)	0.013 (0.0011)	0.00014 J (0.001)	1.8 (0.046)	32 (0.28)	2 (0.062)	1.9 (0.067)
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.035)	U (0.00056)	U (0.12)	U (0.38)	U (0.0006)	U (0.0005)	U (0.00055)	U (0.00052)	U (0.023)	U (0.028)	U (0.031)	U (0.034)
1,2-Dichloroethane	85	0.5	U (0.065)	U (0.069)	U (0.0011)	U (0.24)	U (0.76)	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.046)	U (0.057)	U (0.062)	U (0.067)
Ethyl Benzene	880	70	0.9 (0.065)	0.85 (0.069)	U (0.0011)	U (0.24)	41 (0.76)	0.00078 J (0.0012)	0.00058 J (0.001)	0.0012 (0.0011)	0.00021 J (0.001)	0.056 (0.046)	3.3 (0.057)	0.21 (0.062)	2.3 (0.067)
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.14)	U (0.0022)	U (0.48)	U (1.5)	0.0022 J (0.0024)	U (0.002)	U (0.0022)	U (0.0021)	U (0.093)	U (0.11)	U (0.12)	U (0.13)
Toluene	10000	100	1 (0.065)	0.95 (0.069)	U (0.0011)	U (0.24)	16 (0.76)	0.0016 (0.0012)	0.0012 (0.001)	U (0.0011)	U (0.001)	0.04 J (0.046)	2 (0.057)	0.24 (0.062)	0.051 J (0.067)
1,2,4-Trimethylbenzene	4700	300	1.7 (0.13)	1.5 (0.14)	U (0.0022)	U (0.48)	72 (1.5)	0.0008 J (0.0024)	0.0043 (0.002)	U (0.0022)	U (0.0021)	0.11 (0.093)	1.3 (0.11)	0.08 J (0.12)	0.78 (0.13)
1,3,5-Trimethylbenzene	4700	93	0.19 (0.13)	0.22 (0.14)	U (0.0022)	U (0.48)	31 (1.5)	0.00049 J (0.0024)	0.0053 (0.002)	U (0.0022)	0.00025 J (0.0021)	0.046 J (0.093)	0.14 (0.11)	U (0.12)	0.11 J (0.13)
Xylenes (total)	7900	1000	4 (0.065)	3.6 (0.069)	U (0.0011)	U (0.24)	250 (0.76)	0.0035 J (0.0012)	0.007 (0.001)	U (0.0011)	0.0012 J (0.001)	0.42 (0.046)	4.3 (0.057)	0.34 J (0.062)	0.36 J (0.067)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-R01-a 401-R01	401-R01-a 401-R01	401-R01-b 401-R01	401-R01-b 401-R01	402-A01-c 402-A01	402-B01-d 402-B01	402-C01-b 402-C01	403-A01-a 403-A01	403-A01-b 403-A01	403-B01-a 403-B01	403-B01-a 403-B01	403-B01-b 403-B01	403-B01-b 403-B01	
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-R01-C3-VOC 3.0 - 3.5	401-R01-C4-VOC 4.0 - 4.5	401-R01-C1-VOC 0.5 - 1.0	401-R01-C2-VOC 1.9 - 2.4	402-A01-C1-VOC 2.0 - 2.5	402-B01-C1-VOC 3.5 - 4.0	402-C01-C1-VOC 1.5 - 2.0	403-A01-C2-VOC 9.5 - 10.0	403-A01-C1-VOC 1.0 - 1.5	403-B01-C1-VOC 0.5 - 1.0	403-B01-C2-VOC 4.0 - 4.5	403-B01-C3-VOC 5.5 - 5.8	403-B01-C4-VOC 6.5 - 7.0	
Collection Depth (ft bgs)	Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/16/2024	8/16/2024	8/16/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	
VOCs																
Benzene	280	0.5	0.72 J (0.74)	0.4 (0.046)	0.00032 J (0.00055)	0.67 (0.044)	0.042 J (0.05)	0.17 (0.045)	U (0.00041)	U (0.00043)	U (0.00048)	U (0.00045)	0.00021 J (0.00049)	U (0.00053)	U (0.00052)	
Cumene	10000	2500	22 (1.5)	14 (0.092)	U (0.0011)	0.45 (0.089)	1 (0.1)	4.3 (0.091)	U (0.00082)	0.0021 (0.00086)	U (0.00096)	U (0.0009)	U (0.00097)	U (0.001)	0.00062 J (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.74)	U (0.046)	U (0.00055)	U (0.044)	U (0.05)	U (0.045)	U (0.00041)	U (0.00043)	U (0.00048)	U (0.00045)	U (0.00049)	U (0.00053)	U (0.00052)	
1,2-Dichloroethane	85	0.5	U (1.5)	U (0.092)	U (0.0011)	U (0.089)	U (0.1)	U (0.091)	U (0.00082)	U (0.00086)	U (0.00096)	U (0.0009)	U (0.00097)	U (0.001)	U (0.001)	
Ethyl Benzene	880	70	0.49 J (1.5)	0.084 J (0.092)	U (0.0011)	0.76 (0.089)	0.072 J (0.1)	0.17 (0.091)	U (0.00082)	U (0.00086)	U (0.00096)	U (0.0009)	U (0.00097)	U (0.001)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (3)	U (0.18)	U (0.0022)	U (0.18)	U (0.2)	U (0.18)	U (0.0016)	U (0.0017)	U (0.0019)	U (0.0018)	U (0.0019)	U (0.0021)	U (0.0021)	
Toluene	10000	100	U (1.5)	0.058 J (0.092)	U (0.0011)	0.4 (0.089)	0.12 (0.1)	0.34 (0.091)	U (0.00082)	U (0.00086)	U (0.00096)	U (0.0009)	U (0.00097)	U (0.001)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	5.5 (3)	0.78 (0.18)	U (0.0022)	0.56 (0.18)	3.6 (0.2)	0.16 J (0.18)	U (0.0016)	U (0.0017)	U (0.0019)	0.00069 J (0.0018)	U (0.0019)	U (0.0021)	U (0.0021)	
1,3,5-Trimethylbenzene	4700	93	0.8 J (3)	0.11 J (0.18)	U (0.0022)	0.21 (0.18)	0.92 (0.2)	0.049 J (0.18)	U (0.0016)	U (0.0017)	U (0.0019)	0.00094 J (0.0018)	0.00021 J (0.0019)	U (0.0021)	U (0.0021)	
Xylenes (total)	7900	1000	1.4 J (1.5)	0.26 J (0.092)	U (0.0011)	1.4 (0.089)	0.67 (0.1)	0.72 (0.091)	U (0.00082)	U (0.00086)	U (0.00096)	U (0.0009)	U (0.00097)	U (0.001)	U (0.001)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	403-B01-b 403-B01	403-C01-a 403-C01	403-C01-b 403-C01	403-C01-b 403-C01	403-C01-b 403-C01	403-C01-b 403-C01	403-C01-c 403-C01	403-C02-d 403-C02	403-D01-a 403-D01	403-D01-a 403-D01	403-D01-a 403-D01	403-E01-c 403-E01	403-F01-a 403-F01	403-G01-a 403-G01
Field Sample ID	Numeric Value	Numeric Value	403-B01-C5-VOC	403-C01-C4-VOC	403-C01-C2-VOC	403-C01-C3-VOC	403-C01-C5-VOC	403-C01-C1-VOC	403-C02-C1-VOC	403-D01-C1-VOC	403-D01-C2-VOC	403-D01-C3-VOC	403-E01-C1-VOC	403-F01-C1-VOC	403-G01-C1-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)		9.0 - 9.5	9.5 - 10.0	3.0 - 3.3	3.5 - 4.0	7.5 - 8.0	0.0 - 0.5	1.0 - 1.5	2.0 - 2.5	3.5 - 4.0	7.0 - 7.5	2.0 - 2.5	2.5 - 3.0	2.0 - 2.5	
Sample Date	(mg/kg)	(mg/kg)	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	
VOCs																
Benzene	280	0.5	U (0.00043)	0.29 (0.034)	0.001 (0.00064)	0.0006 J (0.00061)	0.29 (0.033)	U (0.00046)	U (0.00052)	0.0011 (0.00044)	U (0.03)	U (0.027)	U (0.00051)	0.00073 (0.00046)	0.015 (0.00046)	
Cumene	10000	2500	0.00048 J (0.00087)	3 (0.068)	0.00018 J (0.0013)	0.031 (0.0012)	2.8 (0.066)	U (0.00092)	U (0.0001)	0.035 (0.00089)	2.7 (0.059)	1.7 (0.054)	U (0.001)	U (0.00092)	0.00098 (0.00092)	
1,2-Dibromoethane	3.7	0.005	U (0.00043)	U (0.034)	U (0.00064)	U (0.00061)	U (0.033)	U (0.00046)	U (0.00052)	U (0.00044)	U (0.03)	U (0.027)	U (0.00051)	U (0.00046)	U (0.00046)	
1,2-Dichloroethane	85	0.5	U (0.00087)	U (0.068)	U (0.0013)	U (0.0012)	U (0.066)	U (0.00092)	U (0.0001)	U (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)	U (0.00092)	
Ethyl Benzene	880	70	U (0.00087)	0.094 (0.068)	0.00038 J (0.0013)	0.00089 J (0.0012)	0.19 (0.066)	U (0.00092)	U (0.0001)	0.001 (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)	0.0006 J (0.00092)	
Methyl tert-butyl ether	8500	2	U (0.0017)	U (0.14)	U (0.0026)	U (0.0024)	U (0.13)	U (0.0018)	U (0.0021)	U (0.0018)	U (0.12)	U (0.11)	U (0.002)	0.0029 (0.0018)	U (0.0018)	
Toluene	10000	100	U (0.00087)	0.23 (0.068)	0.001 J (0.0013)	0.001 J (0.0012)	0.53 (0.066)	U (0.00092)	U (0.0001)	0.00083 J (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)	0.0024 (0.00092)	
1,2,4-Trimethylbenzene	4700	300	U (0.0017)	0.15 (0.14)	0.00067 J (0.0026)	0.0071 (0.0024)	35 (1.3)	U (0.0018)	U (0.0021)	0.00063 J (0.0018)	0.029 J (0.12)	U (0.11)	U (0.002)	U (0.0018)	0.00078 J (0.0018)	
1,3,5-Trimethylbenzene	4700	93	U (0.0017)	0.037 J (0.14)	0.00028 J (0.0026)	0.0015 J (0.0024)	6.4 (0.13)	U (0.0018)	U (0.0021)	U (0.0018)	0.011 J (0.12)	U (0.11)	U (0.002)	U (0.0018)	U (0.0018)	
Xylenes (total)	7900	1000	U (0.00087)	0.65 (0.068)	0.00083 J (0.0013)	0.0038 J (0.0012)	1.6 (0.066)	U (0.00092)	U (0.0001)	0.0043 (0.00089)	0.12 J (0.059)	0.024 J (0.054)	U (0.001)	U (0.00092)	0.009 (0.00092)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	404-A01-a 404-A01	404-B01-a 404-B01	404-B02-a 404-B02	404-C01-b 404-C01	404-D01-b 404-D01	404-E01-c 404-E01	404-F01-d 404-F01
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	404-A01-C1-VOC 3.4 - 3.9	404-B01-C1-VOC 4.0 - 4.5	404-B02-C1-VOC 1.0 - 1.5	404-C01-C1-VOC 4.5 - 5.0	404-D01-C1-VOC 3.0 - 3.5	404-E01-C1-VOC 1.5 - 2.0	404-F01-C1-VOC 2.7 - 3.2
Collection Depth (ft bgs)									
Sample Date	(mg/kg)	(mg/kg)	8/14/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024
VOCs									
Benzene	280	0.5	0.0018 (0.0012)	0.022 J (0.045)	U (0.00048)	0.23 (0.03)	0.16 (0.033)	0.056 (0.031)	U (0.00055)
Cumene	10000	2500	U (0.0025)	0.12 (0.09)	0.00045 J (0.00097)	5.2 (0.059)	5.3 (0.066)	0.099 (0.063)	0.00055 J (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.0012)	U (0.045)	U (0.00048)	U (0.03)	U (0.033)	U (0.031)	U (0.00055)
1,2-Dichloroethane	85	0.5	U (0.0025)	U (0.09)	U (0.00097)	U (0.059)	U (0.066)	U (0.063)	U (0.0011)
Ethyl Benzene	880	70	0.00076 J (0.0025)	U (0.09)	U (0.00097)	0.26 (0.059)	0.13 (0.066)	0.041 J (0.063)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.005)	U (0.18)	U (0.0019)	U (0.12)	U (0.13)	U (0.12)	U (0.0022)
Toluene	10000	100	0.0027 (0.0025)	U (0.09)	U (0.00097)	0.39 (0.059)	0.33 (0.066)	0.052 J (0.063)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	0.0027 J (0.005)	U (0.18)	U (0.0019)	0.38 (0.12)	0.18 (0.13)	0.23 (0.12)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	0.00088 J (0.005)	U (0.18)	U (0.0019)	0.096 J (0.12)	0.042 J (0.13)	1 (0.12)	U (0.0022)
Xylenes (total)	7900	1000	0.0056 J (0.0025)	0.084 J (0.09)	0.0011 J (0.00097)	1.2 (0.059)	0.69 (0.066)	0.22 (0.063)	0.0017 J (0.0011)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-01-d	401-MA3-1-02-b	401-MA3-1-02-c	401-MA3-1-03-a	401-MA3-1-03-a	401-MA3-1-03-a	401-MA3-1-03-a	401-MA3-1-03-a	401-MA3-1-05-c	401-MA3-1-07-d	401-MA3-1-07-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-01	401-MA3-1-02	401-MA3-1-02	401-MA3-1-03	401-MA3-1-03	401-MA3-1-03	401-MA3-1-03	401-MA3-1-03	401-MA3-1-05	401-MA3-1-07	401-MA3-1-07
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-01-C1-VOC	401-MA3-1-02-C1-VOC	401-MA3-1-02-C2-VOC	401-MA3-1-03-C1-VOC	401-MA3-1-03-C2-VOC	401-MA3-1-03-C3-VOC	401-MA3-1-03-C4-VOC	401-MA3-1-03-C5-VOC	401-MA3-1-05-C1-VOC	401-MA3-1-07-C1-VOC	401-MA3-1-07-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.5 - 2	1.8 - 2.3	2.5 - 3	4.1 - 4.6	4.6 - 5.1	5.1 - 5.6	5.6 - 6.1	6.1 - 6.6	8.2 - 8.7	6 - 6.5	7 - 7.5
Sample Date	(mg/kg)	(mg/kg)	1/14/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/20/2025	1/20/2025
VOCs													
Benzene	280	0.5	0.0068 (0.00051)	0.023 (0.0008)	5 (0.057)	U (0.00047)	U (0.00051)	U (0.00049)	U (0.00051)	U (0.00051)	0.41 (0.036)	U (0.36)	U (0.31)
Cumene	10000	2500	0.0048 (0.001)	0.00067 J (0.0016)	0.012 J (0.11)	0.00016 J (0.00094)	0.0003 J (0.001)	0.00011 J (0.00098)	0.00046 J (0.001)	U (0.001)	0.8 (0.073)	3.8 (0.72)	11 (0.62)
1,2-Dibromoethane	3.7	0.005	U (0.00051)	U (0.0008)	U (0.057)	U (0.00047)	U (0.00051)	U (0.00049)	U (0.00051)	U (0.00051)	U (0.036)	U (0.36)	U (0.31)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0016)	U (0.11)	U (0.00094)	U (0.001)	U (0.00098)	U (0.001)	U (0.001)	U (0.073)	U (0.72)	U (0.62)
Ethyl Benzene	880	70	0.00079 J (0.001)	0.0012 J (0.0016)	0.23 (0.11)	U (0.00094)	U (0.001)	U (0.00098)	U (0.001)	U (0.001)	0.15 (0.073)	U (0.72)	U (0.62)
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0032)	U (0.23)	U (0.0019)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.14)	U (1.4)	U (1.2)
Toluene	10000	100	0.0013 (0.001)	0.0031 (0.0016)	1.1 (0.11)	U (0.00094)	U (0.001)	U (0.00098)	U (0.001)	U (0.001)	0.1 (0.073)	U (0.72)	U (0.62)
1,2,4-Trimethylbenzene	4700	300	0.0029 (0.002)	U (0.0032)	U (0.23)	U (0.0019)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	0.23 (0.14)	U (1.4)	U (1.2)
1,3,5-Trimethylbenzene	4700	93	0.0043 (0.002)	U (0.0032)	U (0.23)	U (0.0019)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	0.039 J (0.14)	U (1.4)	U (1.2)
Xylenes (total)	7900	1000	0.00774 J (0.002)	0.0048 J (0.0032)	0.942 J (0.23)	U (0.0019)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	0.559 J (0.14)	U (1.4)	U (1.2)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-08-a	401-MA3-1-09-c	401-MA3-1-09-c	401-MA3-1-09-c	401-MA3-1-09-c	401-MA3-1-09-c	401-MA3-1-09-c	401-MA3-1-10-d	401-MA3-1-10-d	401-MA3-1-10-d	401-MA3-1-10-d	401-MA3-1-10-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-08	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-10	401-MA3-1-10	401-MA3-1-10	401-MA3-1-10	401-MA3-1-10
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-08-C1-VOC	401-MA3-1-09-C1-VOC	401-MA3-1-09-C2-VOC	401-MA3-1-09-C3-VOC	401-MA3-1-09-C4-VOC	401-MA3-1-09-C5-VOC	401-MA3-1-10-C1-VOC	401-MA3-1-10-C2-VOC	401-MA3-1-10-C3-VOC	401-MA3-1-10-C4-VOC	401-MA3-1-10-C5-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.5 - 2	0.5 - 1	2 - 2.5	3.3 - 3.8	6 - 6.5	6.7 - 7.2	1.1 - 1.6	2.1 - 2.6	2.6 - 3.1	3.6 - 4.1	5.1 - 5.6	
Sample Date	(mg/kg)	(mg/kg)	1/20/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	
VOCs														
Benzene	280	0.5	0.0038 (0.00063)	1.2 (0.032)	4.5 (0.078)	26 (0.36)	35 (0.95)	6.4 (0.33)	0.00097 (0.00064)	4.9 (0.061)	1.7 (0.028)	1.9 (0.032)	1.7 (0.038)	
Cumene	10000	2500	0.00096 J (0.0013)	0.12 (0.065)	7.4 (0.16)	24 (0.72)	54 (1.9)	16 (0.66)	0.00068 J (0.0013)	21 (0.12)	5 (0.057)	6 (0.064)	12 (0.076)	
1,2-Dibromoethane	3.7	0.005	U (0.00063)	U (0.00075)	U (0.078)	U (0.36)	U (0.95)	U (0.33)	U (0.00064)	U (0.061)	U (0.028)	U (0.032)	U (0.038)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.0015)	U (0.16)	U (0.72)	U (1.9)	U (0.66)	U (0.0013)	U (0.12)	U (0.057)	U (0.064)	U (0.076)	
Ethyl Benzene	880	70	0.0004 J (0.0013)	0.4 (0.065)	7.4 (0.16)	23 (0.72)	100 (1.9)	25 (0.66)	0.0007 J (0.0013)	160 (6.1)	4.7 (0.057)	3.2 (0.064)	4.2 (0.076)	
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.003)	U (0.31)	U (1.4)	U (3.8)	U (1.3)	U (0.0026)	U (0.24)	U (0.11)	U (0.13)	U (0.15)	
Toluene	10000	100	0.0009 J (0.0013)	0.33 (0.065)	2.2 (0.16)	18 (0.72)	63 (1.9)	22 (0.66)	U (0.0013)	1.7 (0.12)	0.37 (0.057)	0.47 (0.064)	0.84 (0.076)	
1,2,4-Trimethylbenzene	4700	300	U (0.0025)	0.61 (0.13)	96 (12)	390 (14)	1000 (15)	380 (13)	0.00087 J (0.0026)	51 (12)	0.29 (0.11)	0.6 (0.13)	0.64 (0.15)	
1,3,5-Trimethylbenzene	4700	93	0.00029 J (0.0025)	0.12 J (0.13)	5.1 (0.31)	55 (1.4)	270 (3.8)	110 (1.3)	0.00038 J (0.0026)	23 (0.24)	0.56 (0.11)	0.92 (0.13)	1.3 (0.15)	
Xylenes (total)	7900	1000	0.00215 J (0.0025)	0.81 J (0.13)	17.2 J (0.31)	141 J (1.4)	970 J (3.8)	188 J (1.3)	0.00269 J (0.0026)	82.8 J (12)	4.25 J (0.11)	2.84 J (0.13)	3.34 J (0.15)	

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell ID	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-11-b 401-MA3-1-11	401-MA3-1-11-d 401-MA3-1-11	401-MA3-1-12-a 401-MA3-1-12	401-MA3-1-12-a 401-MA3-1-12	401-MA3-1-13-d 401-MA3-1-13	401-MA3-1-13-d 401-MA3-1-13	401-MA3-1-14-c 401-MA3-1-14	401-MA3-1-14-c 401-MA3-1-14	401-MA3-1-15-a 401-MA3-1-15	401-MA3-1-16-b 401-MA3-1-16	401-MA3-1-16-b 401-MA3-1-16
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-MA3-1-11-C1-VOC 3 - 3.5	401-MA3-1-11-C2-VOC 6.5 - 7	401-MA3-1-12-C1-VOC 9 - 9.5	401-MA3-1-12-C2-VOC 9.9 - 10.4	401-MA3-1-13-C1-VOC 4.7 - 5.2	401-MA3-1-13-C2-VOC 7.2 - 7.7	401-MA3-1-14-C1-VOC 4.5 - 5	401-MA3-1-14-C2-VOC 5.3 - 5.8	401-MA3-1-15-C1-VOC 7 - 7.5	401-MA3-1-16-C1-VOC 5.1 - 5.6	401-MA3-1-16-C2-VOC 6.1 - 6.6
Collection Depth (ft bgs)	Sample Date	Sample Date	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/24/2025	1/24/2025	1/16/2025	1/22/2025	1/22/2025
VOCs													
Benzene	280	0.5	0.49 (0.44)	0.2 (0.033)	U (0.00061)	U (0.00054)	U (0.036)	U (0.027)	U (0.00047)	U (0.00062)	0.12 (0.033)	0.068 J (0.077)	0.064 J (0.069)
Cumene	10000	2500	70 (0.88)	10 (0.066)	U (0.0012)	0.00023 J (0.0011)	2 (0.072)	2.2 (0.055)	0.059 (0.00095)	U (0.0012)	3.6 (0.066)	7.6 (0.15)	4.8 (0.14)
1,2-Dibromoethane	3.7	0.005	U (0.44)	U (0.033)	U (0.00061)	U (0.00054)	U (0.036)	U (0.027)	U (0.00047)	U (0.00062)	U (0.033)	U (0.077)	U (0.069)
1,2-Dichloroethane	85	0.5	U (0.88)	U (0.066)	U (0.0012)	U (0.0011)	U (0.072)	U (0.055)	U (0.00095)	U (0.0012)	U (0.066)	U (0.15)	U (0.14)
Ethyl Benzene	880	70	9.6 (0.88)	0.34 (0.066)	U (0.0012)	U (0.0011)	U (0.072)	U (0.055)	U (0.00095)	U (0.0012)	0.72 (0.066)	0.44 (0.15)	0.33 (0.14)
Methyl tert-butyl ether	8500	2	U (1.8)	U (0.13)	U (0.0024)	U (0.0021)	U (0.14)	U (0.11)	U (0.0019)	U (0.0025)	U (0.13)	U (0.31)	U (0.28)
Toluene	10000	100	1.6 (0.88)	0.1 (0.066)	U (0.0012)	U (0.0011)	U (0.072)	U (0.055)	0.00054 J (0.00095)	U (0.0012)	0.098 (0.066)	0.29 (0.15)	0.27 (0.14)
1,2,4-Trimethylbenzene	4700	300	540 (1.8)	0.39 (0.13)	U (0.0024)	U (0.0021)	U (0.14)	U (0.11)	U (0.0019)	U (0.0025)	0.27 (0.13)	0.79 (0.31)	0.23 J (0.28)
1,3,5-Trimethylbenzene	4700	93	200 (1.8)	0.41 (0.13)	U (0.0024)	U (0.0021)	U (0.14)	U (0.11)	0.00038 J (0.0019)	U (0.0025)	4.6 (0.13)	0.61 (0.31)	0.42 (0.28)
Xylenes (total)	7900	1000	324 J (1.8)	0.44 J (0.13)	U (0.0024)	U (0.0021)	U (0.14)	U (0.11)	0.00257 J (0.0019)	U (0.0025)	1.133 J (0.13)	4.5 J (0.31)	3.17 J (0.28)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-17-c	401-MA3-1-18-c	401-MA3-1-18-d	401-MA3-1-18-d	401-MA3-1-18-d	401-MA3-1-18-d	401-MA3-1-18-d	401-MA3-1-19-c	401-MA3-1-20-a	401-MA3-1-20-a	401-MA3-1-20-a	401-MA3-1-20-a
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-17	401-MA3-1-18	401-MA3-1-18	401-MA3-1-18	401-MA3-1-18	401-MA3-1-18	401-MA3-1-18	401-MA3-1-19	401-MA3-1-20	401-MA3-1-20	401-MA3-1-20	401-MA3-1-20
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-17-C1-VOC	401-MA3-1-18-C5-VOC	401-MA3-1-18-C1-VOC	401-MA3-1-18-C2-VOC	401-MA3-1-18-C3-VOC	401-MA3-1-18-C4-VOC	401-MA3-1-19-C1-VOC	401-MA3-1-20-C1-VOC	401-MA3-1-20-C2-VOC	401-MA3-1-20-C3-VOC	401-MA3-1-20-C5-VOC	401-MA3-1-20
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	13.2 - 13.7	5.5 - 6	2.3 - 2.8	3 - 3.5	3.9 - 4.4	4.5 - 5	2.5 - 3	2.6 - 3.1	3.1 - 3.7	4.2 - 4.7	5.5 - 6	
Sample Date	(mg/kg)	(mg/kg)	1/22/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/20/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	
VOCs														
Benzene	280	0.5	3.2 (0.78)	0.0028 (0.00048)	0.96 (0.032)	0.0094 (0.00069)	0.45 (0.039)	0.00068 (0.00055)	0.4 (0.037)	0.32 (0.064)	0.034 J (0.035)	U (0.029)	0.00019 J (0.00053)	
Cumene	10000	2500	15 (1.6)	0.077 (0.00096)	0.16 (0.064)	0.004 (0.0014)	2.3 (0.078)	0.081 (0.0011)	1 (0.073)	5 (0.13)	2.2 (0.071)	1.6 (0.058)	0.25 (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.78)	U (0.00048)	U (0.00048)	U (0.00069)	U (0.039)	U (0.00055)	U (0.037)	U (0.064)	U (0.035)	U (0.029)	U (0.00053)	
1,2-Dichloroethane	85	0.5	U (1.6)	U (0.00096)	U (0.00096)	U (0.0014)	U (0.078)	U (0.0011)	U (0.073)	U (0.13)	U (0.071)	U (0.058)	U (0.001)	
Ethyl Benzene	880	70	14 (1.6)	0.0013 (0.00096)	0.13 (0.064)	0.00054 J (0.0014)	0.026 J (0.078)	0.00036 J (0.0011)	2.3 (0.073)	0.14 (0.13)	0.015 J (0.071)	U (0.058)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (3.1)	0.0028 (0.0019)	U (0.0019)	U (0.0028)	U (0.16)	U (0.0022)	U (0.15)	U (0.26)	U (0.14)	U (0.12)	0.00089 J (0.0021)	
Toluene	10000	100	1.4 J (1.6)	0.0009 J (0.00096)	0.27 (0.064)	0.0013 J (0.0014)	0.21 (0.078)	0.0011 (0.0011)	0.64 (0.073)	0.33 (0.13)	0.041 J (0.071)	U (0.058)	0.00074 J (0.001)	
1,2,4-Trimethylbenzene	4700	300	37 (3.1)	U (0.0019)	0.11 J (0.13)	U (0.0028)	0.075 J (0.16)	U (0.0022)	31 (1.5)	0.26 (0.26)	0.047 J (0.14)	U (0.12)	U (0.0021)	
1,3,5-Trimethylbenzene	4700	93	21 (3.1)	U (0.0019)	0.026 J (0.13)	U (0.0028)	0.018 J (0.16)	U (0.0022)	8.7 (0.15)	0.059 J (0.26)	U (0.14)	U (0.12)	0.00037 J (0.0021)	
Xylenes (total)	7900	1000	30.2 J (3.1)	0.0034 J (0.0019)	0.474 J (0.13)	0.0029 J (0.0028)	0.41 J (0.16)	0.0095 J (0.0022)	9.1 J (0.15)	0.7 J (0.26)	0.084 J (0.14)	U (0.12)	0.00405 J (0.0021)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-20-d	401-MA3-1-21-b	401-MA3-1-21-c	401-MA3-1-21-c	401-MA3-1-21-c	401-MA3-1-21-c	401-MA3-1-21-c	401-MA3-1-22-b	401-MA3-1-22-b	401-MA3-1-22-b	401-MA3-1-22-c	401-MA3-1-22-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-20	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-22	401-MA3-1-22	401-MA3-1-22	401-MA3-1-22	401-MA3-1-22
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-20-C4-VOC	401-MA3-1-21-C4-VOC	401-MA3-1-21-C1-VOC	401-MA3-1-21-C2-VOC	401-MA3-1-21-C3-VOC	401-MA3-1-21-C5-VOC	401-MA3-1-22-C1-VOC	401-MA3-1-22-C2-VOC	401-MA3-1-22-C3-VOC	401-MA3-1-22-C4-VOC	401-MA3-1-22-C5-VOC	401-MA3-1-22-C5-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3 - 3.5	5.5 - 6	12.3 - 12.8	12.8 - 13.3	13.3 - 13.8	14.3 - 14.8	4.1 - 4.6	4.6 - 5.1	5.4 - 5.9	2 - 2.5	4 - 4.5	4 - 4.5
Sample Date	(mg/kg)	(mg/kg)	1/24/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025
VOCs														
Benzene	280	0.5	0.00037 J (0.00052)	0.47 (0.034)	11 (0.15)	38 (0.3)	160 (1.6)	0.0086 (0.00052)	0.01 J (0.032)	0.11 (0.036)	0.00035 J (0.00057)	0.0014 (0.00052)	0.03 J (0.032)	
Cumene	10000	2500	0.0043 (0.001)	4.7 (0.069)	8.7 (0.3)	16 (0.6)	60 (3.1)	0.017 (0.001)	7.4 (0.064)	25 (0.72)	0.21 (0.0011)	0.064 (0.001)	2.2 (0.064)	
1,2-Dibromoethane	3.7	0.005	U (0.00052)	U (0.034)	U (0.15)	U (0.3)	U (1.6)	U (0.00052)	U (0.032)	U (0.036)	U (0.00057)	U (0.00052)	U (0.032)	
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.069)	U (0.3)	U (0.6)	U (3.1)	U (0.001)	U (0.064)	U (0.072)	U (0.0011)	U (0.001)	U (0.064)	
Ethyl Benzene	880	70	U (0.001)	0.22 (0.069)	69 (0.3)	140 (0.6)	550 (3.1)	0.0036 (0.001)	0.022 J (0.064)	0.13 (0.072)	0.00024 J (0.0011)	0.00059 J (0.001)	0.02 J (0.064)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.14)	U (0.6)	U (1.2)	U (6.3)	U (0.0021)	U (0.13)	0.017 J (0.14)	U (0.0023)	U (0.0021)	U (0.13)	
Toluene	10000	100	U (0.001)	0.13 (0.069)	0.26 J (0.3)	0.86 (0.6)	7.4 (3.1)	0.00094 J (0.001)	U (0.064)	0.094 (0.072)	U (0.0011)	0.00073 J (0.001)	U (0.064)	
1,2,4-Trimethylbenzene	4700	300	0.00035 J (0.0021)	0.74 (0.14)	150 (1.2)	260 (2.4)	1100 (12)	0.014 (0.0021)	0.031 J (0.13)	0.16 (0.14)	U (0.0023)	U (0.0021)	U (0.13)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	0.11 J (0.14)	51 (0.6)	94 (1.2)	350 (6.3)	0.0048 (0.0021)	U (0.13)	0.019 J (0.14)	U (0.0023)	U (0.0021)	U (0.13)	
Xylenes (total)	7900	1000	U (0.0021)	0.98 J (0.14)	182.2 J (1.2)	369.9 J (2.4)	1840 J (12)	0.01272 J (0.0021)	U (0.13)	0.374 J (0.14)	0.0034 J (0.0023)	0.00229 J (0.0021)	U (0.13)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-23-c	401-MA3-1-23-d	401-MA3-1-23-d	401-MA3-1-23-d	401-MA3-1-23-d	401-MA3-1-23-d	401-MA3-1-24-d	401-MA3-1-25-a	401-MA3-1-25-a	401-MA3-1-25-a	401-MA3-1-25-a	401-MA3-1-25-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-24	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-23-C5-VOC	401-MA3-1-23-C1-VOC	401-MA3-1-23-C2-VOC	401-MA3-1-23-C3-VOC	401-MA3-1-23-C4-VOC	401-MA3-1-24-C1-VOC	401-MA3-1-25-C1-VOC	401-MA3-1-25-C2-VOC	401-MA3-1-25-C4-VOC	401-MA3-1-25-C5-VOC	401-MA3-1-25-C3-VOC	401-MA3-1-25
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.2 - 5.7	3.2 - 3.7	3.7 - 4.2	4.5 - 5	5.3 - 5.8	7.5 - 8	4.4 - 4.9	5.2 - 5.7	7 - 7.5	7.9 - 8.4	6.5 - 7	
Sample Date	(mg/kg)	(mg/kg)	1/20/2025	1/20/2025	1/20/2025	1/20/2025	1/20/2025	1/30/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025
VOCs														
Benzene	280	0.5	0.0034 (0.00053)	1.2 (0.049)	1.9 (0.048)	0.93 (0.031)	2.1 (0.03)	2.6 (0.49)	0.0014 (0.00046)	0.049 (0.029)	0.052 (0.025)	U (0.047)	U (0.00047)	
Cumene	10000	2500	U (0.0011)	2.7 (0.099)	4 (0.096)	1.5 (0.063)	0.66 (0.061)	19 (0.98)	0.22 (0.0011)	0.61 (0.058)	8.6 (0.05)	8.8 (0.094)	0.014 (0.00095)	
1,2-Dibromoethane	3.7	0.005	U (0.00053)	U (0.049)	U (0.048)	U (0.031)	U (0.03)	U (0.49)	U (0.00046)	U (0.029)	U (0.025)	U (0.047)	U (0.00047)	
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.099)	U (0.096)	U (0.063)	U (0.061)	U (0.98)	U (0.00092)	U (0.058)	U (0.05)	U (0.094)	U (0.00095)	
Ethyl Benzene	880	70	U (0.0011)	0.39 (0.099)	0.6 (0.096)	0.2 (0.063)	0.088 (0.061)	0.89 J (0.98)	0.0044 (0.0011)	0.035 J (0.058)	0.061 (0.05)	U (0.094)	U (0.00095)	
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.2)	U (0.19)	U (0.12)	U (0.12)	U (2)	U (0.0018)	U (0.12)	U (0.1)	U (0.19)	U (0.0019)	
Toluene	10000	100	U (0.0011)	0.14 (0.099)	0.23 (0.096)	0.16 (0.063)	0.11 (0.061)	1.5 (0.98)	0.0012 (0.0011)	U (0.058)	0.04 J (0.05)	U (0.094)	U (0.00095)	
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	0.049 J (0.2)	0.058 J (0.19)	0.086 J (0.12)	0.08 J (0.12)	0.52 J (2)	0.016 (0.0022)	0.065 J (0.12)	U (0.1)	U (0.19)	U (0.0019)	
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	0.15 J (0.2)	0.22 (0.19)	0.2 (0.12)	0.15 (0.12)	U (2)	0.005 (0.0022)	0.013 J (0.12)	0.02 J (0.1)	U (0.19)	U (0.0019)	
Xylenes (total)	7900	1000	U (0.0021)	0.239 J (0.2)	0.49 J (0.19)	0.427 J (0.12)	0.47 J (0.12)	1.89 J (2)	0.0151 J (0.0022)	0.088 J (0.12)	0.191 J (0.1)	U (0.19)	U (0.0019)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-26-b	401-MA3-1-27-b	401-MA3-1-32-a	401-MA3-1-33-a	401-MA3-1-34-d	401-MA3-1-35-b	401-MA3-1-40-a	401-MA3-1-40-d	401-MA3-1-41-c	401-MA3-1-41-c	401-MA3-1-41-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-26	401-MA3-1-27	401-MA3-1-32	401-MA3-1-33	401-MA3-1-34	401-MA3-1-35	401-MA3-1-40	401-MA3-1-40	401-MA3-1-41	401-MA3-1-41	401-MA3-1-41
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-26-C1-VOC	401-MA3-1-27-C1-VOC	401-MA3-1-32-C1-VOC	401-MA3-1-33-C1-VOC	401-MA3-1-34-C1-VOC	401-MA3-1-35-C1-VOC	401-MA3-1-40-C2-VOC	401-MA3-1-40-C1-VOC	401-MA3-1-41-C4-VOC	401-MA3-1-41-C5-VOC	401-MA3-1-41-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	6 - 6.5	2.5 - 3	7.9 - 8.4	8.2 - 8.7	7 - 7.5	6.5 - 7	7.3 - 7.8	3.5 - 4	6.5 - 7	8 - 8.5	1 - 1.5
Sample Date	(mg/kg)	(mg/kg)	1/21/2025	1/21/2025	1/30/2025	1/30/2025	1/30/2025	1/30/2025	1/13/2025	1/13/2025	1/16/2025	1/16/2025	1/16/2025
VOCs													
Benzene	280	0.5	U (0.033)	0.014 J (0.032)	2.2 (0.16)	U (0.029)	U (0.027)	U (0.0005)	U (0.03)	0.061 (0.029)	1.6 (0.041)	0.037 (0.03)	0.00021 J (0.00053)
Cumene	10000	2500	2.2 (0.065)	5.2 (0.064)	19 (0.33)	10 (0.057)	0.48 (0.055)	0.024 (0.001)	2.2 (0.06)	1.3 (0.058)	0.69 (0.082)	0.081 (0.059)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.00048)	U (0.16)	U (0.029)	U (0.027)	U (0.0005)	U (0.03)	U (0.029)	U (0.041)	U (0.03)	U (0.00053)
1,2-Dichloroethane	85	0.5	U (0.065)	U (0.00096)	U (0.33)	U (0.057)	U (0.055)	U (0.001)	U (0.06)	U (0.058)	U (0.082)	U (0.059)	U (0.0011)
Ethyl Benzene	880	70	U (0.065)	0.017 J (0.064)	32 (0.33)	U (0.057)	U (0.055)	U (0.001)	U (0.06)	0.046 J (0.058)	0.54 (0.082)	0.059 (0.059)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.0019)	U (0.66)	U (0.11)	U (0.11)	U (0.002)	U (0.12)	U (0.12)	U (0.16)	U (0.12)	U (0.0021)
Toluene	10000	100	U (0.065)	0.037 J (0.064)	7 (0.33)	U (0.057)	U (0.055)	0.00081 J (0.001)	U (0.06)	0.083 (0.058)	0.38 (0.082)	0.034 J (0.059)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	U (0.13)	0.056 J (0.13)	190 (1.3)	U (0.11)	U (0.11)	0.00099 J (0.002)	U (0.12)	2.7 (0.12)	0.19 (0.16)	1.7 (0.12)	U (0.0021)
1,3,5-Trimethylbenzene	4700	93	0.014 J (0.13)	0.022 J (0.13)	70 (0.66)	U (0.11)	U (0.11)	0.00079 J (0.002)	U (0.12)	1.4 (0.12)	0.059 J (0.16)	3.2 (0.12)	U (0.0021)
Xylenes (total)	7900	1000	U (0.13)	0.068 J (0.13)	249 J (0.66)	U (0.11)	U (0.11)	0.00122 J (0.002)	0.088 J (0.12)	0.238 J (0.12)	0.95 J (0.16)	1.35 J (0.12)	U (0.0021)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-41-d	401-MA3-1-41-d	401-MA3-1-42-b	401-MA3-1-42-b	401-MA3-1-42-c	401-MA3-1-42-c	401-MA3-1-42-d	401-MA3-1-43-a	401-MA3-1-43-a	401-MA3-1-43-c	401-MA3-1-43-c
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-41	401-MA3-1-41	401-MA3-1-42	401-MA3-1-42	401-MA3-1-42	401-MA3-1-42	401-MA3-1-42	401-MA3-1-43	401-MA3-1-43	401-MA3-1-43	401-MA3-1-43
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-41-C2-VOC	401-MA3-1-41-C3-VOC	401-MA3-1-42-C4-VOC	401-MA3-1-42-C5-VOC	401-MA3-1-42-C2-VOC	401-MA3-1-42-C3-VOC	401-MA3-1-42-C1-VOC	401-MA3-1-43-C4-VOC	401-MA3-1-43-C5-VOC	401-MA3-1-43-C1-VOC	401-MA3-1-43-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	3 - 3.5	4.9 - 5.4	5 - 5.5	7.3 - 7.8	0.7 - 1.2	1.3 - 1.8	0 - 0.5	6.9 - 7.4	7.5 - 8	0.5 - 1	4.6 - 5.1
Sample Date	(mg/kg)	(mg/kg)	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025
VOCs													
Benzene	280	0.5	0.076 (0.034)	0.13 (0.038)	0.11 (0.044)	12 (0.38)	0.16 (0.062)	0.28 (0.036)	0.00022 J (0.0006)	1.8 (0.039)	0.21 (0.031)	U (0.00048)	15 (0.32)
Cumene	10000	2500	1.5 (0.068)	5.4 (0.076)	19 (0.087)	27 (0.75)	3.5 (0.12)	6.3 (0.072)	U (0.0012)	1.2 (0.078)	2.9 (0.062)	U (0.00096)	14 (0.63)
1,2-Dibromoethane	3.7	0.005	U (0.0006)	U (0.038)	U (0.044)	U (0.38)	U (0.062)	U (0.036)	U (0.0006)	U (0.039)	U (0.031)	U (0.00048)	U (0.32)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.076)	U (0.087)	U (0.75)	U (0.12)	U (0.072)	U (0.0012)	U (0.078)	U (0.062)	U (0.00096)	U (0.63)
Ethyl Benzene	880	70	0.33 (0.068)	0.14 (0.076)	0.25 (0.087)	82 (0.75)	0.091 J (0.12)	0.12 (0.072)	0.00027 J (0.0012)	0.26 (0.078)	2.3 (0.062)	U (0.00096)	4.1 (0.63)
Methyl tert-butyl ether	8500	2	U (0.0024)	U (0.15)	U (0.17)	U (1.5)	U (0.25)	U (0.14)	U (0.0024)	U (0.16)	U (0.12)	U (0.0019)	U (1.3)
Toluene	10000	100	0.18 (0.068)	0.2 (0.076)	0.39 (0.087)	31 (0.75)	0.11 J (0.12)	0.22 (0.072)	U (0.0012)	0.1 (0.078)	0.081 (0.062)	U (0.00096)	2 (0.63)
1,2,4-Trimethylbenzene	4700	300	1.4 (0.14)	1.1 (0.15)	9.2 (0.17)	280 (7.5)	0.18 J (0.25)	0.43 (0.14)	0.0013 J (0.0024)	0.35 (0.16)	22 (1.2)	U (0.0019)	62 (1.3)
1,3,5-Trimethylbenzene	4700	93	0.088 J (0.14)	0.54 (0.15)	18 (0.17)	80 (1.5)	0.07 J (0.25)	0.13 J (0.14)	0.00051 J (0.0024)	0.19 (0.16)	8.9 (0.12)	U (0.0019)	22 (1.3)
Xylenes (total)	7900	1000	0.79 J (0.14)	1.09 J (0.15)	6.4 J (0.17)	450 J (1.5)	0.72 J (0.25)	0.79 J (0.14)	0.0016 J (0.0024)	0.77 J (0.16)	2.05 J (0.12)	U (0.0019)	6.95 J (1.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-43-d	401-MA3-1-44-b	401-MA3-1-44-d	401-MA3-1-44-d	401-MA3-1-44-d	401-MA3-1-44-d	401-MA3-1-44-d	401-MA3-1-45-a	401-MA3-1-45-a	401-MA3-1-45-d	401-MA3-1-45-d	401-MA3-1-45-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-43	401-MA3-1-44	401-MA3-1-44	401-MA3-1-44	401-MA3-1-44	401-MA3-1-44	401-MA3-1-44	401-MA3-1-45	401-MA3-1-45	401-MA3-1-45	401-MA3-1-45	401-MA3-1-45
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-43-C2-VOC	401-MA3-1-44-C1-VOC	401-MA3-1-44-C2-VOC	401-MA3-1-44-C3-VOC	401-MA3-1-44-C4-VOC	401-MA3-1-44-C5-VOC	401-MA3-1-45-C2-VOC	401-MA3-1-45-C5-VOC	401-MA3-1-45-C1-VOC	401-MA3-1-45-C3-VOC	401-MA3-1-45-C4-VOC	
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.5 - 3	0.2 - 0.7	2.5 - 3	4 - 4.5	5.5 - 6	7.1 - 7.6	2 - 2.5	7 - 7.5	1 - 1.5	5.1 - 5.6	6.5 - 7	
Sample Date	(mg/kg)	(mg/kg)	1/16/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	
VOCs														
Benzene	280	0.5	0.0023 (0.00058)	0.00032 J (0.00056)	1.6 (0.054)	0.93 (0.048)	0.01 (0.00075)	0.25 (0.04)	0.019 (0.00054)	0.77 (0.035)	0.0012 (0.00052)	2 (0.043)	250 (1.4)	
Cumene	10000	2500	0.00022 J (0.0012)	U (0.0011)	1.3 (0.11)	2.8 (0.096)	0.052 (0.0015)	2 (0.081)	0.0016 (0.0011)	0.02 J (0.071)	0.00026 J (0.001)	2.1 (0.086)	5.2 (0.14)	
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.00056)	U (0.054)	U (0.048)	U (0.00075)	U (0.04)	U (0.00054)	U (0.035)	U (0.00052)	U (0.043)	U (0.072)	
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0011)	U (0.11)	U (0.096)	U (0.0015)	U (0.081)	U (0.0011)	U (0.071)	U (0.001)	U (0.086)	U (0.14)	
Ethyl Benzene	880	70	0.00066 J (0.0012)	0.0003 J (0.0011)	1.7 (0.11)	1.2 (0.096)	0.01 (0.0015)	0.12 (0.081)	0.0019 (0.0011)	0.053 J (0.071)	0.00072 J (0.001)	0.42 (0.086)	9.6 (0.14)	
Methyl tert-butyl ether	8500	2	0.0005 J (0.0023)	U (0.0022)	U (0.21)	U (0.19)	U (0.003)	U (0.16)	U (0.0021)	U (0.14)	U (0.0021)	U (0.17)	0.029 J (0.29)	
Toluene	10000	100	0.0013 (0.0012)	U (0.0011)	0.64 (0.11)	0.38 (0.096)	0.0033 (0.0015)	0.18 (0.081)	0.0033 (0.0011)	0.1 (0.071)	0.00085 J (0.001)	0.9 (0.086)	25 (0.14)	
1,2,4-Trimethylbenzene	4700	300	0.0011 J (0.0023)	U (0.0022)	0.26 (0.21)	0.2 (0.19)	0.0022 J (0.003)	U (0.16)	0.011 (0.0021)	0.047 J (0.14)	0.0052 (0.0021)	32 (1.7)	45 (5.8)	
1,3,5-Trimethylbenzene	4700	93	0.00055 J (0.0023)	U (0.0022)	0.081 J (0.21)	0.055 J (0.19)	0.00044 J (0.003)	U (0.16)	0.0054 (0.0021)	0.02 J (0.14)	0.0016 J (0.0021)	11 (0.17)	27 (0.29)	
Xylenes (total)	7900	1000	0.00182 J (0.0023)	0.0028 J (0.0022)	0.729 J (0.21)	0.581 J (0.19)	0.00588 J (0.003)	0.294 J (0.16)	0.0121 J (0.0021)	0.165 J (0.14)	0.00328 J (0.0021)	12.8 J (0.17)	59 J (0.29)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-46-a	401-MA3-1-46-a	401-MA3-1-47-b	401-MA3-1-47-b	401-MA3-1-47-b	401-MA3-1-47-d	401-MA3-1-47-d	401-MA3-1-48-c	401-MA3-1-48-d	401-MA3-1-48-d	401-MA3-1-48-d
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-46	401-MA3-1-46	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-46-C1-VOC	401-MA3-1-46-C2-VOC	401-MA3-1-47-C2-VOC	401-MA3-1-47-C3-VOC	401-MA3-1-47-C4-VOC	401-MA3-1-47-C1-VOC	401-MA3-1-47-C5-VOC	401-MA3-1-48-C4-VOC	401-MA3-1-48-C1-VOC	401-MA3-1-48-C2-VOC	401-MA3-1-48-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4 - 4.5	4.5 - 5	1.5 - 2	2.5 - 3	3.4 - 3.9	0 - 0.5	2.7 - 3.2	7 - 7.5	1.4 - 1.9	2.5 - 3	3.8 - 4.3
Sample Date	(mg/kg)	(mg/kg)	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025
VOCs													
Benzene	280	0.5	0.01 J (0.029)	U (0.26)	0.36 (0.035)	0.12 (0.031)	0.056 (0.044)	U (0.00052)	U (0.00048)	0.036 (0.00051)	0.24 (0.035)	11 (0.44)	0.008 (0.00049)
Cumene	10000	2500	2.6 (0.058)	19 (0.52)	7.3 (0.07)	7.4 (0.062)	26 (0.088)	U (0.001)	U (0.00096)	0.0052 (0.001)	0.58 (0.07)	21 (0.89)	0.079 (0.00098)
1,2-Dibromoethane	3.7	0.005	U (0.029)	U (0.26)	U (0.035)	U (0.031)	U (0.044)	U (0.00052)	U (0.00048)	U (0.00051)	U (0.035)	U (0.44)	U (0.00049)
1,2-Dichloroethane	85	0.5	U (0.058)	U (0.52)	U (0.07)	U (0.062)	U (0.088)	U (0.001)	U (0.00096)	U (0.001)	U (0.07)	U (0.89)	U (0.00098)
Ethyl Benzene	880	70	U (0.058)	U (0.52)	0.27 (0.07)	0.21 (0.062)	0.15 (0.088)	U (0.001)	U (0.00096)	0.0028 (0.001)	0.13 (0.07)	4.1 (0.89)	0.0014 (0.00098)
Methyl tert-butyl ether	8500	2	U (0.12)	U (1)	U (0.14)	U (0.12)	U (0.18)	U (0.0021)	U (0.0019)	0.015 (0.002)	U (0.14)	U (1.8)	0.00021 J (0.002)
Toluene	10000	100	0.037 J (0.058)	U (0.52)	0.58 (0.07)	0.14 (0.062)	0.079 J (0.088)	U (0.001)	U (0.00096)	U (0.001)	0.25 (0.07)	4.2 (0.89)	0.0019 (0.00098)
1,2,4-Trimethylbenzene	4700	300	0.027 J (0.12)	U (1)	7.8 (0.14)	0.33 (0.12)	3.8 (0.18)	U (0.0021)	U (0.0019)	0.0014 J (0.002)	0.2 (0.14)	1.9 (1.8)	0.00076 J (0.002)
1,3,5-Trimethylbenzene	4700	93	U (0.12)	U (1)	3 (0.14)	0.075 J (0.12)	0.53 (0.18)	U (0.0021)	U (0.0019)	0.00028 J (0.002)	0.064 J (0.14)	0.46 J (1.8)	0.00027 J (0.002)
Xylenes (total)	7900	1000	U (0.12)	U (1)	5.88 J (0.14)	0.724 J (0.12)	0.77 J (0.18)	U (0.0021)	U (0.0019)	0.0011 J (0.002)	0.64 J (0.14)	7.85 J (1.8)	0.0073 J (0.002)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-49-d	401-MA3-1-49-d	401-MA3-1-49-d	401-MA3-1-54-a	401-MA3-1-54-a	401-MA3-1-54-d	401-MA3-1-55-c	401-MA3-1-55-c	401-MA3-1-55-c	401-MA3-1-55-c	401-MA3-1-55-c	401-MA3-1-55-c
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-49	401-MA3-1-49	401-MA3-1-49	401-MA3-1-54	401-MA3-1-54	401-MA3-1-54	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-49-C1-VOC	401-MA3-1-49-C2-VOC	401-MA3-1-49-C3-VOC	401-MA3-1-54-C1-VOC	401-MA3-1-54-C3-VOC	401-MA3-1-54-C2-VOC	401-MA3-1-55-C1-VOC	401-MA3-1-55-C2-VOC	401-MA3-1-55-C3-VOC	401-MA3-1-55-C4-VOC	401-MA3-1-55-C5-VOC	401-MA3-1-55
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.1 - 2.6	2.6 - 3.1	6 - 6.5	0.4 - 0.9	2.2 - 2.7	1.5 - 2	0.2 - 0.7	0.9 - 1.4	1.6 - 2.1	2.1 - 2.6	2.9 - 3.4	
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025
VOCs														
Benzene	280	0.5	1.2 (0.48)	6.9 (1.1)	0.29 (0.029)	U (0.00046)	U (0.03)	0.36 (0.034)	0.1 (0.038)	0.14 (0.039)	0.41 (0.045)	0.13 (0.032)	0.06 (0.032)	
Cumene	10000	2500	6.8 (0.96)	62 (2.2)	3.1 (0.058)	0.00055 J (0.00092)	0.37 (0.06)	4.1 (0.067)	0.19 (0.076)	1.1 (0.079)	0.85 (0.09)	1.5 (0.064)	3.8 (0.063)	
1,2-Dibromoethane	3.7	0.005	U (0.48)	U (1.1)	U (0.029)	U (0.00046)	U (0.03)	U (0.034)	U (0.038)	U (0.039)	U (0.045)	U (0.032)	U (0.032)	
1,2-Dichloroethane	85	0.5	U (0.96)	U (2.2)	U (0.058)	U (0.00092)	U (0.06)	U (0.067)	U (0.076)	U (0.079)	U (0.09)	U (0.064)	U (0.063)	
Ethyl Benzene	880	70	4.4 (0.96)	32 (2.2)	0.56 (0.058)	0.00017 J (0.00092)	U (0.06)	0.36 (0.067)	0.036 J (0.076)	0.058 J (0.079)	0.14 (0.09)	0.041 J (0.064)	0.041 J (0.063)	
Methyl tert-butyl ether	8500	2	U (1.9)	U (4.3)	U (0.12)	U (0.0018)	U (0.12)	U (0.13)	U (0.15)	U (0.16)	U (0.18)	U (0.13)	U (0.13)	
Toluene	10000	100	1.9 (0.96)	7.9 (2.2)	0.3 (0.058)	U (0.00092)	U (0.06)	0.19 (0.067)	0.048 J (0.076)	0.08 (0.079)	0.058 J (0.09)	0.044 J (0.064)	0.049 J (0.063)	
1,2,4-Trimethylbenzene	4700	300	8.2 (1.9)	23 (4.3)	0.14 (0.12)	U (0.0018)	0.022 J (0.12)	0.12 J (0.13)	0.053 J (0.15)	0.11 J (0.16)	0.068 J (0.18)	0.04 J (0.13)	0.06 J (0.13)	
1,3,5-Trimethylbenzene	4700	93	17 (1.9)	83 (4.3)	0.96 (0.12)	U (0.0018)	U (0.12)	0.024 J (0.13)	0.022 J (0.15)	0.023 J (0.16)	0.024 J (0.18)	U (0.13)	0.014 J (0.13)	
Xylenes (total)	7900	1000	7 J (1.9)	33.1 J (4.3)	1.48 J (0.12)	0.00111 J (0.0018)	U (0.12)	0.45 J (0.13)	0.122 J (0.15)	0.289 J (0.16)	0.248 J (0.18)	0.148 J (0.13)	0.231 J (0.13)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-56-a	401-MA3-1-56-c	401-MA3-1-57-a	401-MA3-1-57-a	401-MA3-1-57-a	401-MA3-1-57-a	401-MA3-1-57-a	401-MA3-1-57-a	401-MA3-1-58-b	401-MA3-1-59-b	401-MA3-1-59-b	401-MA3-1-59-c
Cell ID	Soil Direct Contact	Soil to	401-MA3-1-56	401-MA3-1-56	401-MA3-1-57	401-MA3-1-57	401-MA3-1-57	401-MA3-1-57	401-MA3-1-57	401-MA3-1-57	401-MA3-1-58	401-MA3-1-59	401-MA3-1-59	401-MA3-1-59
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-56-C1-VOC	401-MA3-1-56-C2-VOC	401-MA3-1-57-C1-VOC	401-MA3-1-57-C2-VOC	401-MA3-1-57-C3-VOC	401-MA3-1-57-C4-VOC	401-MA3-1-57-C5-VOC	401-MA3-1-58-C1-VOC	401-MA3-1-59-C1-VOC	401-MA3-1-59-C3-VOC	401-MA3-1-59-C2-VOC	401-MA3-1-59
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.5 - 2	3 - 3.5	0 - 0.5	0.7 - 1.2	1.5 - 2	2.4 - 2.9	3.1 - 3.6	2.8 - 3.3	0 - 0.5	1.2 - 1.7	0.6 - 1.1	
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/29/2025	1/29/2025	1/29/2025
VOCs														
Benzene	280	0.5	0.98 (0.035)	U (0.25)	U (0.00057)	U (0.00058)	U (0.00048)	U (0.00051)	0.1 (0.035)	0.00099 (0.00072)	U (0.00064)	U (0.00054)	U (0.00056)	
Cumene	10000	2500	7.4 (0.07)	8.1 (0.5)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.001)	0.034 J (0.07)	0.067 (0.0014)	U (0.0013)	U (0.0011)	U (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.035)	U (0.25)	U (0.00057)	U (0.00058)	U (0.00048)	U (0.00051)	U (0.035)	U (0.00072)	U (0.00064)	U (0.00054)	U (0.00056)	
1,2-Dichloroethane	85	0.5	U (0.07)	U (0.5)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.001)	U (0.07)	U (0.0014)	U (0.0013)	U (0.0011)	U (0.0011)	
Ethyl Benzene	880	70	14 (0.07)	0.96 (0.5)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.001)	0.061 J (0.07)	0.0011 J (0.0014)	0.0075 (0.0013)	U (0.0011)	0.00037 J (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.14)	U (0.99)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.002)	U (0.14)	U (0.0029)	U (0.0026)	U (0.0021)	U (0.0022)	
Toluene	10000	100	0.11 (0.07)	U (0.5)	U (0.0011)	U (0.0012)	U (0.00096)	U (0.001)	0.053 J (0.07)	0.0022 (0.0014)	U (0.0013)	U (0.0011)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	29 (1.4)	0.37 J (0.99)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.002)	0.15 (0.14)	0.027 (0.0029)	U (0.0026)	U (0.0021)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	4.6 (0.14)	U (0.99)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.002)	0.033 J (0.14)	0.018 (0.0029)	U (0.0026)	U (0.0021)	U (0.0022)	
Xylenes (total)	7900	1000	19.035 J (0.14)	U (0.99)	U (0.0023)	U (0.0023)	U (0.0019)	U (0.002)	0.224 J (0.14)	0.0187 J (0.0029)	0.069 J (0.0026)	U (0.0021)	0.00336 J (0.0022)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell ID	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-59-d 401-MA3-1-59	401-MA3-1-59-d 401-MA3-1-59	401-MA3-1-60-a 401-MA3-1-60	401-MA3-1-60-a 401-MA3-1-60	401-MA3-1-60-a 401-MA3-1-60	401-MA3-1-60-a 401-MA3-1-60	401-MA3-1-61-a 401-MA3-1-61	401-MA3-1-68-a 401-MA3-1-68	401-MA3-1-69-a 401-MA3-1-69	401-MA3-1-70-c 401-MA3-1-70	401-MA3-1-72-a 401-MA3-1-72	401-MA3-1-72-a 401-MA3-1-72
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-MA3-1-59-C4-VOC 2.3 - 2.8	401-MA3-1-59-C5-VOC 3 - 3.5	401-MA3-1-60-C1-VOC 0 - 0.5	401-MA3-1-60-C2-VOC 1 - 1.5	401-MA3-1-60-C3-VOC 2 - 2.5	401-MA3-1-61-C1-VOC 0.5 - 1	401-MA3-1-68-C1-VOC 1.9 - 2.4	401-MA3-1-69-C1-VOC 1.3 - 1.8	401-MA3-1-70-C1-VOC 2.2 - 2.7	401-MA3-1-72-C1-VOC 4.8 - 5.3	401-MA3-1-72-C2-VOC 5.3 - 5.8	
Collection Depth (ft bgs)	Sample Date	Sample Date	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/21/2025	1/29/2025	1/21/2025	1/20/2025	1/29/2025	1/29/2025	
VOCs														
Benzene	280	0.5	U (0.0007)	0.0034 (0.0004)	U (0.00071)	0.00021 J (0.00057)	U (0.00077)	0.00037 J (0.00072)	1.3 (0.056)	0.0053 (0.00076)	0.00032 J (0.00063)	0.024 J (0.032)	2.6 (0.059)	
Cumene	10000	2500	U (0.0014)	0.00071 J (0.0008)	U (0.0014)	U (0.0011)	U (0.0015)	U (0.0014)	0.11 (0.11)	0.0018 (0.0015)	U (0.0012)	9 (0.064)	26 (0.12)	
1,2-Dibromoethane	3.7	0.005	U (0.0007)	U (0.0004)	U (0.00071)	U (0.00057)	U (0.00077)	U (0.00072)	U (0.056)	U (0.00076)	U (0.00063)	U (0.032)	U (0.059)	
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.0008)	U (0.0014)	U (0.0011)	U (0.0015)	U (0.0014)	U (0.11)	U (0.0015)	U (0.0012)	U (0.064)	U (0.12)	
Ethyl Benzene	880	70	U (0.0014)	U (0.0008)	U (0.0014)	U (0.0011)	U (0.0015)	U (0.0014)	0.077 J (0.11)	U (0.0015)	0.00021 J (0.0012)	0.046 J (0.064)	2.2 (0.12)	
Methyl tert-butyl ether	8500	2	U (0.0028)	U (0.0016)	U (0.0028)	U (0.0023)	U (0.0031)	U (0.0029)	U (0.22)	U (0.003)	U (0.0025)	U (0.13)	U (0.24)	
Toluene	10000	100	U (0.0014)	0.00055 J (0.0008)	U (0.0014)	U (0.0011)	U (0.0015)	U (0.0014)	0.15 (0.11)	0.00084 J (0.0015)	U (0.0012)	U (0.064)	0.62 (0.12)	
1,2,4-Trimethylbenzene	4700	300	U (0.0028)	0.00056 J (0.0016)	U (0.0028)	U (0.0023)	U (0.0031)	U (0.0029)	0.099 J (0.22)	0.00094 J (0.003)	U (0.0025)	U (0.13)	5.6 (0.24)	
1,3,5-Trimethylbenzene	4700	93	U (0.0028)	0.00016 J (0.0016)	U (0.0028)	U (0.0023)	U (0.0031)	U (0.0029)	0.1 J (0.22)	0.00085 J (0.003)	U (0.0025)	0.023 J (0.13)	0.44 (0.24)	
Xylenes (total)	7900	1000	U (0.0028)	0.00469 J (0.0016)	U (0.0028)	U (0.0023)	U (0.0031)	U (0.0029)	0.294 J (0.22)	0.00211 J (0.003)	U (0.0025)	0.109 J (0.13)	4.89 J (0.24)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell ID	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-72-a 401-MA3-1-72	402-MA3-1-03-c 402-MA3-1-03	403-MA3-1-01-a 403-MA3-1-01	403-MA3-1-03-d 403-MA3-1-03	403-MA3-1-04-c 403-MA3-1-04	403-MA3-1-05-c 403-MA3-1-05	403-MA3-1-06-b 403-MA3-1-06	403-MA3-1-07-a 403-MA3-1-07	403-MA3-1-08-a 403-MA3-1-08	403-MA3-1-09-a 403-MA3-1-09	403-MA3-1-10-a 403-MA3-1-10
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	401-MA3-1-72-C3-VOC	402-MA3-1-03-C1-VOC	403-MA3-1-01-C1-VOC	403-MA3-1-03-C1-VOC	403-MA3-1-04-C1-VOC	403-MA3-1-05-C1-VOC	403-MA3-1-06-C1-VOC	403-MA3-1-07-C1-VOC	403-MA3-1-08-C1-VOC	403-MA3-1-09-C1-VOC	403-MA3-1-10-C1-VOC
Collection Depth (ft bgs)	0-2	0-2	6 - 6.5	0.5 - 1	6 - 6.5	12.8 - 13.3	13.2 - 13.7	6 - 6.5	2.5 - 3	6.5 - 7	3.5 - 4	3 - 3.5	5.5 - 6
Sample Date	(mg/kg)	(mg/kg)	1/29/2025	1/8/2025	1/9/2025	1/14/2025	1/9/2025	1/10/2025	1/10/2025	1/9/2025	1/14/2025	1/14/2025	1/9/2025
VOCs													
Benzene	280	0.5	0.059 (0.037)	U (0.00045)	U (0.00055)	U (0.00055)	U (0.00054)	0.38 (0.21)	0.00035 J (0.00044)	0.58 (0.039)	0.00017 J (0.00052)	U (0.00052)	0.044 J (0.053)
Cumene	10000	2500	8.6 (0.074)	U (0.0009)	U (0.0011)	U (0.0011)	U (0.0011)	11 (0.41)	0.0081 (0.00088)	2.8 (0.079)	0.0062 (0.001)	U (0.001)	7.6 (0.11)
1,2-Dibromoethane	3.7	0.005	U (0.037)	U (0.00045)	U (0.00055)	U (0.00055)	U (0.00054)	U (0.21)	U (0.00044)	U (0.039)	U (0.00052)	U (0.00052)	U (0.053)
1,2-Dichloroethane	85	0.5	U (0.074)	U (0.0009)	U (0.0011)	U (0.0011)	U (0.0011)	U (0.41)	U (0.00088)	U (0.079)	U (0.001)	U (0.001)	U (0.11)
Ethyl Benzene	880	70	0.078 (0.074)	U (0.0009)	U (0.0011)	U (0.0011)	U (0.0011)	0.21 J (0.41)	0.00017 J (0.00088)	0.11 (0.079)	U (0.001)	U (0.001)	0.1 J (0.11)
Methyl tert-butyl ether	8500	2	U (0.15)	U (0.0018)	U (0.0022)	U (0.0022)	U (0.0021)	U (0.83)	U (0.0018)	U (0.16)	U (0.0021)	U (0.0021)	U (0.21)
Toluene	10000	100	0.042 J (0.074)	U (0.0009)	U (0.0011)	U (0.0011)	U (0.0011)	0.38 J (0.41)	U (0.00088)	0.24 (0.079)	U (0.001)	U (0.001)	0.072 J (0.11)
1,2,4-Trimethylbenzene	4700	300	1.2 (0.15)	U (0.0018)	U (0.0022)	U (0.0022)	U (0.0021)	160 (8.3)	U (0.0018)	10 (0.16)	0.00048 J (0.0021)	U (0.0021)	0.28 (0.21)
1,3,5-Trimethylbenzene	4700	93	0.16 (0.15)	U (0.0018)	U (0.0022)	U (0.0022)	U (0.0021)	57 (0.83)	U (0.0018)	0.5 (0.16)	U (0.0021)	U (0.0021)	0.3 (0.21)
Xylenes (total)	7900	1000	0.239 J (0.15)	U (0.0018)	U (0.0022)	U (0.0022)	U (0.0021)	4 J (0.83)	U (0.0018)	2.21 J (0.16)	0.0024 J (0.0021)	U (0.0021)	0.47 J (0.21)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	403-MA3-1-11-a	403-MA3-1-12-d	403-MA3-1-13-b	403-MA3-1-14-b	403-MA3-1-15-c	403-MA3-1-16-d	403-MA3-1-18-d	404-MA3-1-01-d	404-MA3-1-02-c	404-MA3-1-03-a	404-MA3-1-04-d
Cell ID	Soil Direct Contact	Soil to	403-MA3-1-11	403-MA3-1-12	403-MA3-1-13	403-MA3-1-14	403-MA3-1-15	403-MA3-1-16	403-MA3-1-18	404-MA3-1-01	404-MA3-1-02	404-MA3-1-03	404-MA3-1-04
Field Sample ID	Numeric Value	Groundwater	403-MA3-1-11-C1-VOC	403-MA3-1-12-C1-VOC	403-MA3-1-13-C1-VOC	403-MA3-1-14-C1-VOC	403-MA3-1-15-C1-VOC	403-MA3-1-16-C1-VOC	403-MA3-1-18-C1-VOC	404-MA3-1-01-C1-VOC	404-MA3-1-02-C1-VOC	404-MA3-1-03-C1-VOC	404-MA3-1-04-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	4.1 - 4.6	3.5 - 4	1.5 - 2	2.9 - 3.4	3.5 - 4	4.3 - 4.8	5.9 - 6.4	3 - 3.5	2 - 2.5	3.5 - 4	2.6 - 3.1
Sample Date	(mg/kg)	(mg/kg)	1/10/2025	1/10/2025	1/14/2025	1/14/2025	1/10/2025	1/10/2025	1/14/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025
VOCs													
Benzene	280	0.5	16 (0.23)	2.1 (0.16)	0.00031 J (0.00071)	0.0003 J (0.00064)	U (0.023)	5.2 (0.24)	U (0.00051)	U (0.00065)	U (0.00061)	0.61 (0.039)	0.0002 J (0.00058)
Cumene	10000	2500	18 (0.47)	3.8 (0.31)	0.015 (0.0014)	0.00035 J (0.0013)	1.1 (0.047)	17 (0.47)	U (0.001)	U (0.0013)	0.0029 (0.0012)	4.5 (0.078)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.23)	U (0.16)	U (0.00071)	U (0.00064)	U (0.023)	U (0.24)	U (0.00051)	U (0.00065)	U (0.00061)	U (0.039)	U (0.00058)
1,2-Dichloroethane	85	0.5	U (0.47)	U (0.31)	U (0.0014)	U (0.0013)	U (0.047)	U (0.47)	U (0.001)	U (0.0013)	U (0.0012)	U (0.078)	U (0.0012)
Ethyl Benzene	880	70	40 (0.47)	0.41 (0.31)	U (0.0014)	0.00026 J (0.0013)	U (0.047)	2.2 (0.47)	U (0.001)	U (0.0013)	U (0.0012)	0.55 (0.078)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.94)	U (0.62)	U (0.0028)	U (0.0026)	U (0.094)	U (0.95)	U (0.002)	U (0.0026)	U (0.0024)	U (0.16)	U (0.0023)
Toluene	10000	100	22 (0.47)	1.6 (0.31)	U (0.0014)	U (0.0013)	U (0.047)	7.4 (0.47)	U (0.001)	U (0.0013)	U (0.0012)	1.4 (0.078)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	190 (2.3)	43 (0.62)	0.0063 (0.0028)	0.0017 J (0.0026)	0.044 J (0.094)	160 (9.5)	U (0.002)	U (0.0026)	U (0.0024)	0.73 (0.16)	U (0.0023)
1,3,5-Trimethylbenzene	4700	93	83 (0.94)	14 (0.62)	0.0012 J (0.0028)	0.00059 J (0.0026)	0.014 J (0.094)	52 (0.95)	U (0.002)	U (0.0026)	U (0.0024)	0.14 J (0.16)	U (0.0023)
Xylenes (total)	7900	1000	333 J (0.94)	11.4 J (0.62)	0.0034 J (0.0028)	0.0089 J (0.0026)	0.065 J (0.094)	50.6 J (0.95)	U (0.002)	U (0.0026)	U (0.0024)	2.28 J (0.16)	U (0.0023)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell ID	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	404-MA3-1-05-d 404-MA3-1-05 404-MA3-1-05-C1-VOC	404-MA3-1-06-a 404-MA3-1-06 404-MA3-1-06-C1-VOC
Field Sample ID	Numeric Value (0-2 ft bgs)	Numeric Value	4.3 - 4.8	1 - 1.5
Collection Depth (ft bgs)				
Sample Date	(mg/kg)	(mg/kg)	1/15/2025	1/15/2025
VOCs				
Benzene	280	0.5	U (0.0009)	U (0.00044)
Cumene	10000	2500	U (0.0018)	U (0.00087)
1,2-Dibromoethane	3.7	0.005	U (0.0009)	U (0.00044)
1,2-Dichloroethane	85	0.5	U (0.0018)	U (0.00087)
Ethyl Benzene	880	70	U (0.0018)	U (0.00087)
Methyl tert-butyl ether	8500	2	U (0.0036)	U (0.0017)
Toluene	10000	100	U (0.0018)	U (0.00087)
1,2,4-Trimethylbenzene	4700	300	U (0.0036)	U (0.0017)
1,3,5-Trimethylbenzene	4700	93	U (0.0036)	U (0.0017)
Xylenes (total)	7900	1000	U (0.0036)	U (0.0017)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOCs -- Volatile Organic Compounds.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-A15-C	101-D14-C	101-D16-C	101-D20-C	101-E14-S	101-F13-C	101-G10-C	101-G16-C	101-G23-C	101-G24-C	101-G25-C	101-G26-C	101-H10-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-A15-C	101-D14-C	101-D16-C	101-D20-C	101-E14-S	101-F13-C	101-G10-C	101-G16-C	101-G23-C	101-G24-C	101-G25-C	101-G26-C	101-H10-C
Sample Date	(mg/kg)	(mg/kg)	1/4/2021	1/4/2021	1/4/2021	1/7/2021	1/6/2021	1/6/2021	1/5/2021	1/7/2021	1/15/2021	1/15/2021	1/15/2021	1/15/2021	1/5/2021
PAHs															
Anthracene	190000	350	0.13 (0.0079)	13 (0.48)	0.62 (0.039)	0.072 (0.0071)	0.18 (0.091)	0.86 (0.19)	0.037 (0.0091)	0.42 (0.039)	0.035 (0.0073)	0.31 (0.016)	0.3 (0.076)	1.5 (0.082)	0.058 (0.0082)
Benzo(a)anthracene	130	340	0.35 (0.0079)	24 (0.48)	2.8 (0.039)	0.34 (0.0071)	0.71 (0.091)	3.4 (0.19)	0.15 (0.0091)	0.86 (0.039)	0.042 (0.0073)	0.5 (0.016)	1 (0.076)	4.3 (0.082)	0.16 (0.0082)
Benzo(a)pyrene	91	46	0.31 (0.0079)	19 (0.48)	2.5 (0.039)	0.33 (0.0071)	0.66 (0.091)	2.7 (0.19)	0.2 (0.0091)	0.69 (0.039)	0.051 (0.0073)	0.42 (0.016)	1.1 (0.076)	3.4 (0.082)	0.24 (0.0082)
Benzo(b)fluoranthene	76	170	0.4 (0.0079)	28 (0.48)	3.3 (0.039)	0.45 (0.0071)	0.93 (0.091)	4 (0.19)	0.24 (0.0091)	0.84 (0.039)	0.04 (0.0073)	0.39 (0.016)	1.2 (0.076)	4.6 (0.082)	0.29 (0.0082)
Benzo(g,h,i)perylene	190000	180	0.18 (0.0079)	11 (0.48)	1.6 (0.039)	0.17 (0.0071)	0.48 (0.091)	1.8 (0.19)	0.2 (0.0091)	0.49 (0.039)	0.047 (0.0073)	0.25 (0.016)	1.6 (0.076)	1.4 (0.082)	0.32 (0.0082)
Chrysene	760	230	0.27 (0.0079)	20 (0.48)	2.1 (0.039)	0.33 (0.0071)	0.62 (0.091)	2.8 (0.19)	0.17 (0.0091)	1 (0.039)	0.047 (0.0073)	0.44 (0.016)	0.95 (0.076)	3.2 (0.082)	0.16 (0.0082)
Fluorene	130000	3800	0.068 (0.0079)	8.9 (0.48)	0.26 (0.039)	0.019 (0.0071)	0.053 J (0.091)	0.22 (0.19)	0.017 (0.0091)	1.2 (0.039)	0.0083 (0.0073)	U (0.016)	0.13 (0.076)	2.2 (0.082)	0.017 (0.0082)
Naphthalene	66	25	0.082 (0.0079)	4.2 (0.48)	0.44 (0.039)	0.035 (0.0071)	0.082 J (0.091)	0.54 (0.19)	0.077 (0.0091)	0.14 (0.039)	0.051 (0.0073)	0.24 (0.016)	0.27 (0.076)	3.4 (0.082)	0.12 (0.0082)
Phenanthrene	190000	10000	0.43 (0.0079)	48 (0.48)	2.2 (0.039)	0.3 (0.0071)	0.67 (0.091)	3.9 (0.19)	0.089 (0.0091)	3.2 (0.039)	0.17 (0.0073)	1.2 (0.016)	0.96 (0.076)	4.5 (0.082)	0.15 (0.0082)
Pyrene	96000	2200	0.5 (0.0079)	39 (0.48)	3.3 (0.039)	0.54 (0.0071)	1.1 (0.091)	5.2 (0.19)	0.21 (0.0091)	1 (0.039)	0.11 (0.0073)	1.1 (0.016)	1.4 (0.076)	5.7 (0.082)	0.19 (0.0082)
Metals															
Lead	1000	450	29 (2.35)	104 (2.79)	202 (2.31)	33.1 (2.15)	343 (2.75)	959 (2.24)	85.4 (2.59)	269 (2.23)	982 (2.22)	60.6 (2.35)	476 (2.27)	1090 (2.41)	110 (2.4)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-H12-C	101-H17-C	101-H20-C	101-H21-C	101-H22-C	101-H23-C	101-H24-C	101-H27-C	101-H28-C	101-I13-C	101-I13-S	101-I15-C	101-I18-C
			101-H12-C	101-H17-C	101-H20-C	101-H21-C	101-H22-C	101-H23-C	101-H24-C	101-H27-C	101-H28-C	101-I13-C	101-I13-S	101-I15-C	101-I18-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-H12-C-COMP	101-H17-C-COMP	101-H20-C-COMP	101-H21-C-COMP	101-H22-C-COMP	101-H23-C-COMP	101-H24-C-COMP	101-H27-C-COMP	101-H28-C-COMP	101-I13-C-COMP	101-I13-S-COMP	101-I15-C-COMP	101-I18-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/5/2021	1/7/2021	1/8/2021	1/8/2021	1/11/2021	1/11/2021	1/12/2021	1/18/2021	1/13/2021	1/5/2021	1/6/2021	1/6/2021	1/7/2021
PAHs															
Anthracene	190000	350	0.21 (0.075)	2.7 (0.16)	0.18 (0.086)	0.078 (0.019)	0.031 J (0.038)	0.88 (0.078)	0.034 (0.0077)	0.28 (0.039)	0.0077 J (0.0078)	0.023 (0.01)	0.17 (0.019)	0.23 (0.04)	0.62 (0.079)
Benzo(a)anthracene	130	340	1.3 (0.075)	4.6 (0.16)	0.88 (0.086)	0.65 (0.019)	0.17 (0.038)	3.9 (0.078)	0.071 (0.0077)	1 (0.039)	0.032 (0.0078)	0.078 (0.01)	0.9 (0.019)	0.87 (0.04)	2.2 (0.079)
Benzo(a)pyrene	91	46	1 (0.075)	3.3 (0.16)	2.1 (0.086)	0.64 (0.019)	0.58 (0.038)	3.7 (0.078)	0.063 (0.0077)	1.6 (0.039)	0.031 (0.0078)	0.066 (0.01)	1 (0.019)	0.78 (0.04)	1.6 (0.079)
Benzo(b)fluoranthene	76	170	1.5 (0.075)	3.8 (0.16)	0.78 (0.086)	0.45 (0.019)	0.4 (0.038)	4.1 (0.078)	0.067 (0.0077)	1.6 (0.039)	0.042 (0.0078)	0.096 (0.01)	1.4 (0.019)	1.1 (0.04)	2.1 (0.079)
Benzo(g,h,i)perylene	190000	180	0.75 (0.075)	2.2 (0.16)	0.44 (0.086)	0.18 (0.019)	1.4 (0.038)	2.4 (0.078)	0.045 (0.0077)	1.1 (0.039)	0.017 (0.0078)	0.034 (0.01)	0.48 (0.019)	0.5 (0.04)	0.87 (0.079)
Chrysene	760	230	1.3 (0.075)	4.6 (0.16)	4.6 (0.086)	1.1 (0.019)	0.19 (0.038)	3.4 (0.078)	0.08 (0.0077)	1 (0.039)	0.035 (0.0078)	0.066 (0.01)	0.79 (0.019)	0.73 (0.04)	1.6 (0.079)
Fluorene	130000	3800	0.021 J (0.075)	3.1 (0.16)	0.26 (0.086)	0.082 (0.019)	U (0.038)	0.38 (0.078)	0.018 (0.0077)	0.12 (0.039)	0.0032 J (0.0078)	0.0074 J (0.01)	0.037 (0.019)	0.06 (0.04)	0.18 (0.079)
Naphthalene	66	25	0.12 (0.075)	1.6 (0.16)	0.46 (0.086)	0.055 (0.019)	0.033 J (0.038)	0.88 (0.078)	0.033 (0.0077)	0.22 (0.039)	0.0076 J (0.0078)	0.059 (0.01)	0.7 (0.019)	0.11 (0.04)	0.094 (0.079)
Phenanthrene	190000	10000	1.2 (0.075)	11 (0.16)	3.1 (0.086)	0.28 (0.019)	0.11 (0.038)	3 (0.078)	0.094 (0.0077)	1.1 (0.039)	0.031 (0.0078)	0.085 (0.01)	0.68 (0.019)	0.83 (0.04)	2.3 (0.079)
Pyrene	96000	2200	2.3 (0.075)	7 (0.16)	1.6 (0.086)	0.81 (0.019)	0.11 (0.038)	5 (0.078)	0.12 (0.0077)	1.2 (0.039)	0.051 (0.0078)	0.1 (0.01)	0.84 (0.019)	1.3 (0.04)	2.8 (0.079)
Metals															
Lead	1000	450	61.9 (2.31)	310 (2.35)	111 (2.5)	65.7 (2.86)	22.6 (2.18)	272 (2.3)	1010 (2.3)	63.2 (2.26)	60.6 (2.3)	141 (3.05)	1670 (2.83)	573 (2.39)	307 (2.38)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	101-I20-C	101-I21-C	101-I22-C	101-I23-C	101-I24-C	101-I25-C	101-I26-C	101-I29-C	101-I30-C1	101-I30-C2	101-J13-C	101-J17-C	101-J20-C
	Direct Contact	Groundwater	101-I20-C	101-I21-C	101-I22-C	101-I23-C	101-I24-C	101-I25-C	101-I26-C	101-I29-C	101-I30-C1	101-I30-C2	101-J13-C	101-J17-C	101-J20-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-I20-C-COMP	101-I21-C-COMP	101-I22-C-COMP	101-I23-C-COMP	101-I24-C-COMP	101-I25-C-COMP	101-I26-C-COMP	101-I29-C-COMP	101-I30-C1-COMP	101-I30-C2-COMP	101-J13-C-COMP	101-J17-C-COMP	101-J20-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/7/2021	1/8/2021	1/11/2021	1/11/2021	1/12/2021	1/12/2021	1/13/2021	3/10/2021	1/14/2021	1/14/2021	1/5/2021	1/6/2021	1/12/2021
PAHs															
Anthracene	190000	350	31 (1.4)	0.15 (0.038)	0.16 (0.015)	0.26 (0.037)	0.2 (0.016)	0.7 (0.038)	0.027 (0.0076)	0.0065 J (0.0079)	0.034 (0.0079)	0.0034 J (0.0081)	0.092 (0.0083)	0.26 (0.08)	0.16 (0.0075)
Benzo(a)anthracene	130	340	38 (1.4)	1 (0.038)	0.94 (0.015)	0.46 (0.037)	0.94 (0.016)	1.1 (0.038)	0.11 (0.0076)	0.02 (0.0079)	0.21 (0.0079)	0.0047 J (0.0081)	0.31 (0.0083)	0.81 (0.08)	0.47 (0.0075)
Benzo(a)pyrene	91	46	28 (1.4)	0.98 (0.038)	0.8 (0.015)	0.44 (0.037)	0.82 (0.016)	1 (0.038)	0.1 (0.0076)	0.02 (0.0079)	0.21 (0.0079)	0.0045 J (0.0081)	0.43 (0.0083)	0.68 (0.08)	0.41 (0.0075)
Benzo(b)fluoranthene	76	170	33 (1.4)	1.4 (0.038)	1 (0.015)	0.39 (0.037)	1.2 (0.016)	0.9 (0.038)	0.14 (0.0076)	0.025 (0.0079)	0.27 (0.0079)	0.0048 J (0.0081)	0.31 (0.0083)	0.89 (0.08)	0.49 (0.0075)
Benzo(g,h,i)perylene	190000	180	13 (1.4)	0.7 (0.038)	0.48 (0.015)	0.54 (0.037)	0.5 (0.016)	0.73 (0.038)	0.049 (0.0076)	0.015 (0.0079)	0.099 (0.0079)	0.0034 J (0.0081)	0.43 (0.0083)	0.39 (0.08)	0.2 (0.0075)
Chrysene	760	230	28 (1.4)	0.89 (0.038)	0.76 (0.015)	0.46 (0.037)	1 (0.016)	1.3 (0.038)	0.11 (0.0076)	0.022 (0.0079)	0.18 (0.0079)	0.006 J (0.0081)	0.35 (0.0083)	0.7 (0.08)	0.38 (0.0075)
Fluorene	130000	3800	22 (1.4)	0.028 J (0.038)	0.057 (0.015)	0.021 J (0.037)	0.059 (0.016)	0.76 (0.038)	0.011 (0.0076)	0.0043 J (0.0079)	0.0088 (0.0079)	U (0.0081)	0.33 (0.0083)	0.075 J (0.08)	0.045 (0.0075)
Naphthalene	66	25	29 (1.4)	0.1 (0.038)	0.037 (0.015)	0.24 (0.037)	0.082 (0.016)	1.6 (0.038)	0.014 (0.0076)	0.021 (0.0079)	0.016 (0.0079)	U (0.0081)	0.47 (0.0083)	0.12 (0.08)	0.093 (0.0075)
Phenanthrene	190000	10000	89 (1.4)	0.57 (0.038)	0.51 (0.015)	1.1 (0.037)	0.93 (0.016)	3.4 (0.038)	0.12 (0.0076)	0.03 (0.0079)	0.11 (0.0079)	0.0091 (0.0081)	0.24 (0.0083)	1 (0.08)	0.4 (0.0075)
Pyrene	96000	2200	59 (1.4)	1.2 (0.038)	1.3 (0.015)	1 (0.037)	1.6 (0.016)	1.8 (0.038)	0.18 (0.0076)	0.031 (0.0079)	0.25 (0.0079)	0.0065 J (0.0081)	0.57 (0.0083)	1.2 (0.08)	0.52 (0.0075)
Metals															
Lead	1000	450	142 (2.12)	14.7 (2.27)	19.6 (2.32)	97.8 (2.24)	196 (2.4)	452 (2.21)	82.9 (2.29)	213 (2.35)	65.6 (2.3)	5.92 (2.38)	223 (2.5)	117 (2.3)	14.1 (2.22)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	101-J21-C	101-J23-C	101-J26-C	101-J27-C	101-J28-C	101-J29-C	101-J31-C	101-J32-C1	101-J32-C2	101-K20-C	101-K21-C	101-K23-C	101-K26-C
	Direct Contact	Groundwater	101-J21-C	101-J23-C	101-J26-C	101-J27-C	101-J28-C	101-J29-C	101-J31-C	101-J32-C1	101-J32-C2	101-K20-C	101-K21-C	101-K23-C	101-K26-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-J21-C-COMP	101-J23-C-COMP	101-J26-C-COMP	101-J27-C-COMP	101-J28-C-COMP	101-J29-C-COMP	101-J31-C-COMP	101-J32-C1-COMP	101-J32-C2-COMP	101-K20-C-COMP	101-K21-C-COMP	101-K23-C-COMP	101-K26-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/8/2021	1/12/2021	1/13/2021	1/13/2021	1/13/2021	1/13/2021	1/14/2021	1/20/2021	1/20/2021	1/12/2021	1/12/2021	1/12/2021	1/13/2021
PAHs															
Anthracene	190000	350	0.049 (0.0079)	0.0094 (0.0074)	0.031 J (0.041)	0.0019 J (0.0079)	0.27 (0.04)	0.0042 J (0.04)	0.2 (0.016)	0.64 (0.078)	1.2 (0.16)	0.12 (0.039)	0.013 (0.0072)	0.085 (0.0077)	0.0096 J (0.042)
Benzo(a)anthracene	130	340	0.17 (0.0079)	0.051 (0.0074)	0.14 (0.041)	0.0062 J (0.0079)	0.51 (0.04)	0.012 J (0.04)	0.66 (0.016)	2 (0.078)	2.7 (0.16)	0.29 (0.039)	0.073 (0.0072)	0.34 (0.0077)	0.034 J (0.042)
Benzo(a)pyrene	91	46	0.17 (0.0079)	0.056 (0.0074)	0.22 (0.041)	0.0066 J (0.0079)	0.51 (0.04)	0.013 J (0.04)	0.56 (0.016)	1.7 (0.078)	2.2 (0.16)	0.26 (0.039)	0.08 (0.0072)	0.3 (0.0077)	0.047 (0.042)
Benzo(b)fluoranthene	76	170	0.23 (0.0079)	0.039 (0.0074)	0.16 (0.041)	0.008 (0.0079)	0.28 (0.04)	0.019 J (0.04)	0.77 (0.016)	2.2 (0.078)	2.8 (0.16)	0.32 (0.039)	0.11 (0.0072)	0.37 (0.0077)	0.054 (0.042)
Benzo(g,h,i)perylene	190000	180	0.089 (0.0079)	0.36 (0.0074)	0.18 (0.041)	0.011 (0.0079)	0.45 (0.04)	0.013 J (0.04)	0.29 (0.016)	1.1 (0.078)	1 (0.16)	0.15 (0.039)	0.067 (0.0072)	0.17 (0.0077)	0.045 (0.042)
Chrysene	760	230	0.17 (0.0079)	0.095 (0.0074)	0.15 (0.041)	0.0057 J (0.0079)	0.61 (0.04)	0.027 J (0.04)	0.6 (0.016)	1.6 (0.078)	2.2 (0.16)	0.28 (0.039)	0.071 (0.0072)	0.29 (0.0077)	0.12 (0.042)
Fluorene	130000	3800	0.016 (0.0079)	0.0015 J (0.0074)	0.013 J (0.041)	0.0015 J (0.0079)	0.048 (0.04)	U (0.04)	0.082 (0.016)	0.24 (0.078)	0.73 (0.16)	0.083 (0.039)	0.0032 J (0.0072)	0.028 (0.0077)	0.0092 J (0.042)
Naphthalene	66	25	0.0091 (0.0079)	0.0031 J (0.0074)	0.051 (0.041)	0.0021 J (0.0079)	0.15 (0.04)	U (0.04)	0.066 (0.016)	0.24 (0.078)	0.62 (0.16)	0.041 (0.039)	0.014 (0.0072)	0.015 (0.0077)	U (0.042)
Phenanthrene	190000	10000	0.18 (0.0079)	0.014 (0.0074)	0.12 (0.041)	0.0061 J (0.0079)	1.5 (0.04)	0.016 J (0.04)	0.64 (0.016)	2.5 (0.078)	4.5 (0.16)	0.52 (0.039)	0.044 (0.0072)	0.37 (0.0077)	0.056 (0.042)
Pyrene	96000	2200	0.26 (0.0079)	0.076 (0.0074)	0.14 (0.041)	0.0073 J (0.0079)	1.2 (0.04)	0.023 J (0.04)	0.87 (0.016)	3.3 (0.078)	5 (0.16)	0.48 (0.039)	0.097 (0.0072)	0.52 (0.0077)	0.067 (0.042)
Metals															
Lead	1000	450	14.6 (2.31)	144 (2.23)	50.8 (2.45)	5.91 (2.41)	87.1 (2.34)	13.3 (2.4)	202 (2.35)	3240 (2.35)	423 (2.31)	104 (2.22)	49 (2.16)	15.1 (2.26)	97.5 (2.51)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-K29-C	101-K30-C1	101-K30-C2	101-K31-C1	101-K31-C2	101-K33-C	101-K34-C1	101-K34-C2	101-L29-C	101-L30-C1	101-L30-C2	101-L31-C1	101-L31-C2	
Field Sample ID	Value (0-2 ft bgs)	Value	101-K29-C-COMP	101-K30-C1-COMP	101-K30-C2-COMP	101-K31-C1-COMP	101-K31-C2-COMP	101-K33-C-COMP	101-K34-C1-COMP	101-K34-C2-COMP	101-L29-C-COMP	101-L30-C1-COMP	101-L30-C2-COMP	101-L31-C1-COMP	101-L31-C2-COMP	
Sample Date	(mg/kg)	(mg/kg)	1/14/2021	1/14/2021	1/14/2021	1/14/2021	1/14/2021	1/20/2021	1/20/2021	1/20/2021	1/14/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	
PAHs																
Anthracene	190000	350	0.02 (0.016)	0.13 (0.0079)	0.14 (0.0076)	0.15 (0.0076)	8.7 (0.41)	0.3 (0.079)	3.3 (0.42)	0.23 (0.04)	0.0021 J (0.015)	0.12 (0.016)	0.19 (0.015)	0.71 (0.2)	0.46 (0.08)	
Benzo(a)anthracene	130	340	0.089 (0.016)	0.37 (0.0079)	0.28 (0.0076)	0.48 (0.0076)	18 (0.41)	1.4 (0.079)	10 (0.42)	0.14 (0.04)	0.0033 J (0.015)	0.35 (0.016)	0.42 (0.015)	5.9 (0.2)	2.4 (0.08)	
Benzo(a)pyrene	91	46	0.092 (0.016)	0.32 (0.0079)	0.23 (0.0076)	0.4 (0.0076)	16 (0.41)	2.6 (0.079)	8.5 (0.42)	0.35 (0.04)	0.006 J (0.015)	0.39 (0.016)	0.39 (0.015)	4.9 (0.2)	2.6 (0.08)	
Benzo(b)fluoranthene	76	170	0.13 (0.016)	0.42 (0.0079)	0.34 (0.0076)	0.56 (0.0076)	21 (0.41)	3.2 (0.079)	11 (0.42)	0.22 (0.04)	0.0071 J (0.015)	0.45 (0.016)	0.48 (0.015)	8.1 (0.2)	4.4 (0.08)	
Benzo(g,h,i)perylene	190000	180	0.053 (0.016)	0.33 (0.0079)	0.21 (0.0076)	0.25 (0.0076)	8.2 (0.41)	3.4 (0.079)	5.2 (0.42)	0.17 (0.04)	0.016 (0.015)	0.27 (0.016)	0.25 (0.015)	4.1 (0.2)	2.5 (0.08)	
Chrysene	760	230	0.094 (0.016)	0.31 (0.0079)	0.27 (0.0076)	0.46 (0.0076)	15 (0.41)	3.7 (0.079)	10 (0.42)	0.5 (0.04)	0.006 J (0.015)	0.34 (0.016)	0.4 (0.015)	5.3 (0.2)	2.6 (0.08)	
Fluorene	130000	3800	0.0062 J (0.016)	0.034 (0.0079)	0.13 (0.0076)	0.048 (0.0076)	4.5 (0.41)	0.19 (0.079)	1.6 (0.42)	0.094 (0.04)	U (0.015)	0.085 (0.016)	0.11 (0.015)	0.12 J (0.2)	0.99 (0.08)	
Naphthalene	66	25	0.02 (0.016)	0.16 (0.0079)	0.42 (0.0076)	0.032 (0.0076)	2.4 (0.41)	2 (0.079)	0.72 (0.42)	0.33 (0.04)	U (0.015)	0.12 (0.016)	0.13 (0.015)	0.058 J (0.2)	0.31 (0.08)	
Phenanthrene	190000	10000	0.089 (0.016)	0.41 (0.0079)	0.67 (0.0076)	0.64 (0.0076)	34 (0.41)	1.6 (0.079)	18 (0.42)	0.33 (0.04)	0.0067 J (0.015)	0.36 (0.016)	0.66 (0.015)	2.3 (0.2)	3.3 (0.08)	
Pyrene	96000	2200	0.14 (0.016)	0.56 (0.0079)	0.49 (0.0076)	0.74 (0.0076)	35 (0.41)	2 (0.079)	20 (0.42)	0.44 (0.04)	0.005 J (0.015)	0.64 (0.016)	0.85 (0.015)	9.6 (0.2)	3.1 (0.08)	
Metals																
Lead	1000	450	205 (2.34)	60.5 (2.37)	457 (2.27)	909 (2.26)	576 (2.32)	190 (2.33)	119 (2.41)	73 (2.26)	8.58 (2.14)	34.9 (2.31)	267 (2.29)	322 (2.29)	219 (2.31)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-L32-C1	101-L32-C2	101-L32-S	101-L33-C1	101-L33-C2	101-L34-S	101-L35-C1	101-L35-C2	101-M26-C	101-M28-C	101-M29-C	101-M30-C	101-M31-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-L32-C1-COMP	101-L32-C2-COMP	101-L32-S-COMP	101-L33-C1-COMP	101-L33-C2-COMP	101-L34-S-COMP	101-L35-C1-COMP	101-L35-C2-COMP	101-M26-C-COMP	101-M28-C-COMP	101-M29-C-COMP	101-M30-C-COMP	101-M31-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/19/2021	1/19/2021	1/20/2021	1/20/2021	1/20/2021	1/21/2021	1/21/2021	1/21/2021	1/13/2021	1/15/2021	1/14/2021	1/18/2021	1/18/2021
PAHs															
Anthracene	190000	350	0.22 (0.039)	0.041 (0.0081)	0.097 (0.0076)	0.71 (0.04)	0.02 (0.0082)	1.2 (0.078)	0.5 (0.039)	0.71 (0.16)	0.088 (0.0078)	U (0.016)	0.031 (0.008)	0.54 (0.04)	65 (4.3)
Benzo(a)anthracene	130	340	0.5 (0.039)	0.13 (0.0081)	0.39 (0.0076)	0.3 (0.04)	0.054 (0.0082)	3.3 (0.078)	1.3 (0.039)	6.2 (0.16)	0.32 (0.0078)	0.44 (0.016)	0.066 (0.008)	1.5 (0.04)	71 (4.3)
Benzo(a)pyrene	91	46	0.42 (0.039)	0.11 (0.0081)	0.33 (0.0076)	0.31 (0.04)	0.061 (0.0082)	2.1 (0.078)	1.7 (0.039)	6.3 (0.16)	0.35 (0.0078)	0.45 (0.016)	0.055 (0.008)	1.4 (0.04)	53 (4.3)
Benzo(b)fluoranthene	76	170	0.52 (0.039)	0.15 (0.0081)	0.42 (0.0076)	0.35 (0.04)	0.068 (0.0082)	3 (0.078)	1.8 (0.039)	8.9 (0.16)	0.44 (0.0078)	0.43 (0.016)	0.074 (0.008)	1.7 (0.04)	61 (4.3)
Benzo(g,h,i)perylene	190000	180	0.26 (0.039)	0.061 (0.0081)	0.18 (0.0076)	0.3 (0.04)	0.045 (0.0082)	1.1 (0.078)	1.8 (0.039)	4 (0.16)	0.22 (0.0078)	U (0.016)	0.039 (0.008)	0.85 (0.04)	27 (4.3)
Chrysene	760	230	0.52 (0.039)	0.11 (0.0081)	0.32 (0.0076)	0.99 (0.04)	0.064 (0.0082)	2.3 (0.078)	1.1 (0.039)	5.9 (0.16)	0.32 (0.0078)	0.52 (0.016)	0.086 (0.008)	1.4 (0.04)	58 (4.3)
Fluorene	130000	3800	0.14 (0.039)	0.032 (0.0081)	0.036 (0.0076)	1.5 (0.04)	0.024 (0.0082)	0.45 (0.078)	0.47 (0.039)	0.26 (0.16)	0.017 (0.0078)	U (0.016)	0.031 (0.008)	0.23 (0.04)	44 (4.3)
Naphthalene	66	25	0.051 (0.039)	0.015 (0.0081)	0.032 (0.0076)	0.29 (0.04)	0.03 (0.0082)	0.19 (0.078)	0.9 (0.039)	0.55 (0.16)	0.089 (0.0078)	0.52 (0.016)	0.011 (0.008)	0.092 (0.04)	28 (4.3)
Phenanthrene	190000	10000	0.86 (0.039)	0.28 (0.0081)	0.39 (0.0076)	3.7 (0.04)	0.13 (0.0082)	5.4 (0.078)	1.8 (0.039)	3.7 (0.16)	0.37 (0.0078)	U (0.016)	0.14 (0.008)	2.1 (0.04)	220 (4.3)
Pyrene	96000	2200	1.2 (0.039)	0.22 (0.0081)	0.62 (0.0076)	1.3 (0.04)	0.14 (0.0082)	4.6 (0.078)	1.6 (0.039)	7.6 (0.16)	0.54 (0.0078)	0.75 (0.016)	0.15 (0.008)	2.9 (0.04)	150 (4.3)
Metals															
Lead	1000	450	88.3 (2.28)	93.8 (2.45)	60.1 (2.16)	65.5 (2.35)	8.54 (2.41)	69.4 (2.3)	194 (2.29)	151 (2.37)	320 (2.32)	142 (2.36)	42 (2.29)	311 (2.3)	180 (2.57)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	101-M32-C1	101-M32-C2	101-M33-C1	101-M33-C2	101-M34-C1	101-M34-C2	101-M36-C	101-N29-C	101-N31-C	101-N32-C	101-N33-C	101-N34-C	101-N35-C
	Direct Contact	Groundwater	101-M32-C1	101-M32-C2	101-M33-C1	101-M33-C2	101-M34-C1	101-M34-C2	101-M36-C	101-N29-C	101-N31-C	101-N32-C	101-N33-C	101-N34-C	101-N35-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-M32-C1-COMP	101-M32-C2-COMP	101-M33-C1-COMP	101-M33-C2-COMP	101-M34-C1-COMP	101-M34-C2-COMP	101-M36-C-COMP	101-N29-C-COMP	101-N31-C-COMP	101-N32-C-COMP	101-N33-C-COMP	101-N34-C-COMP	101-N35-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/19/2021	1/19/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/15/2021	1/18/2021	1/18/2021	1/18/2021	1/19/2021	1/21/2021
PAHs															
Anthracene	190000	350	1 (0.2)	0.33 (0.04)	0.7 (0.041)	1.1 (0.085)	34 (2)	8.2 (0.39)	0.68 (0.078)	1.9 (0.4)	0.42 (0.078)	0.096 (0.074)	0.33 (0.041)	1.2 (0.16)	0.056 (0.0078)
Benzo(a)anthracene	130	340	2.6 (0.2)	0.42 (0.04)	0.47 (0.041)	1.2 (0.085)	61 (2)	14 (0.39)	2 (0.078)	U (0.4)	1.2 (0.078)	0.19 (0.074)	0.58 (0.041)	3.9 (0.16)	0.21 (0.0078)
Benzo(a)pyrene	91	46	1.9 (0.2)	0.3 (0.04)	0.33 (0.041)	0.7 (0.085)	40 (2)	9.1 (0.39)	2.3 (0.078)	1.7 (0.4)	0.88 (0.078)	0.089 (0.074)	0.34 (0.041)	3.3 (0.16)	0.24 (0.0078)
Benzo(b)fluoranthene	76	170	2.6 (0.2)	0.23 (0.04)	0.35 (0.041)	0.76 (0.085)	47 (2)	11 (0.39)	1.9 (0.078)	1.2 (0.4)	1 (0.078)	0.092 (0.074)	0.61 (0.041)	4.5 (0.16)	0.25 (0.0078)
Benzo(g,h,i)perylene	190000	180	1.6 (0.2)	0.45 (0.04)	0.29 (0.041)	0.43 (0.085)	17 (2)	4.7 (0.39)	2.4 (0.078)	2.1 (0.4)	0.46 (0.078)	0.071 J (0.074)	0.26 (0.041)	2.1 (0.16)	0.27 (0.0078)
Chrysene	760	230	2.8 (0.2)	0.49 (0.04)	0.65 (0.041)	1.1 (0.085)	38 (2)	9.9 (0.39)	1.8 (0.078)	U (0.4)	1.3 (0.078)	0.19 (0.074)	0.97 (0.041)	4 (0.16)	0.2 (0.0078)
Fluorene	130000	3800	0.65 (0.2)	0.16 (0.04)	0.87 (0.041)	1.7 (0.085)	16 (2)	3.7 (0.39)	0.45 (0.078)	5.3 (0.4)	0.92 (0.078)	0.38 (0.074)	0.31 (0.041)	0.65 (0.16)	0.033 (0.0078)
Naphthalene	66	25	0.43 (0.2)	0.12 (0.04)	0.76 (0.041)	1.3 (0.085)	3.1 (2)	2.1 (0.39)	1.3 (0.078)	2.7 (0.4)	0.92 (0.078)	0.078 (0.074)	0.35 (0.041)	0.21 (0.16)	0.047 (0.0078)
Phenanthrene	190000	10000	4.8 (0.2)	1.5 (0.04)	1.9 (0.041)	4.6 (0.085)	110 (2)	25 (0.39)	1.6 (0.078)	16 (0.4)	3 (0.078)	0.71 (0.074)	1.2 (0.041)	7 (0.16)	0.25 (0.0078)
Pyrene	96000	2200	5.6 (0.2)	1.6 (0.04)	2.3 (0.041)	3.7 (0.085)	92 (2)	20 (0.39)	5.4 (0.078)	4.6 (0.4)	2 (0.078)	0.25 (0.074)	1.7 (0.041)	7.8 (0.16)	0.33 (0.0078)
Metals															
Lead	1000	450	453 (2.34)	28.6 (2.38)	93.2 (2.45)	126 (2.52)	58.3 (2.36)	113 (2.35)	193 (2.29)	782 (2.38)	85.4 (2.28)	37 (2.2)	89.6 (2.42)	94.9 (2.37)	114 (2.31)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	101-O28-C	101-O29-C	101-O30-C	101-O31-C	101-O33-S	101-O34-C	101-O36-C	101-O37-C	101-P12-C1	101-P12-C2	101-P31-C1	101-P31-C2	101-P35-C	
	Direct Contact	Groundwater	101-O28-C	101-O29-C	101-O30-C	101-O31-C	101-O33-S	101-O34-C	101-O36-C	101-O37-C	101-P12-C1	101-P12-C2	101-P31-C1	101-P31-C2	101-P35-C	
Field Sample ID	Value (0-2 ft bgs)	Value	101-O28-C-COMP	101-O29-C-COMP	101-O30-C-COMP	101-O31-C-COMP	101-O33-S-COMP	101-O34-C-COMP	101-O36-C-COMP	101-O37-C-COMP	101-P12-C1-COMP	101-P12-C2-COMP	101-P31-C1-COMP	101-P31-C2-COMP	101-P35-C-COMP	
Sample Date	(mg/kg)	(mg/kg)	1/15/2021	1/15/2021	1/22/2021	1/18/2021	1/22/2021	1/22/2021	1/22/2021	1/25/2021	2/10/2021	2/10/2021	1/25/2021	1/25/2021	1/22/2021	
PAHs																
Anthracene	190000	350	0.61 (0.082)	0.58 (0.038)	0.5 (0.077)	0.085 (0.077)	0.0097 J (0.039)	0.64 (0.086)	0.019 J (0.039)	0.025 J (0.039)	0.019 (0.016)	0.025 (0.016)	0.16 (0.041)	0.012 (0.008)	1.2 (0.078)	
Benzo(a)anthracene	130	340	0.91 (0.082)	0.97 (0.038)	2.7 (0.077)	0.3 (0.077)	0.056 (0.039)	2.4 (0.086)	0.035 J (0.039)	0.13 (0.039)	0.15 (0.016)	0.14 (0.016)	0.2 (0.041)	0.0053 J (0.008)	2.4 (0.078)	
Benzo(a)pyrene	91	46	0.64 (0.082)	0.72 (0.038)	1.9 (0.077)	0.26 (0.077)	0.049 (0.039)	1.8 (0.086)	0.025 J (0.039)	0.12 (0.039)	0.12 (0.016)	0.11 (0.016)	0.13 (0.041)	0.0019 J (0.008)	1.3 (0.078)	
Benzo(b)fluoranthene	76	170	0.58 (0.082)	0.92 (0.038)	2.4 (0.077)	0.24 (0.077)	0.063 (0.039)	2.3 (0.086)	0.028 J (0.039)	0.12 (0.039)	0.15 (0.016)	0.15 (0.016)	0.13 (0.041)	0.0024 J (0.008)	1.7 (0.078)	
Benzo(g,h,i)perylene	190000	180	0.48 (0.082)	0.32 (0.038)	1.1 (0.077)	0.46 (0.077)	0.037 J (0.039)	0.87 (0.086)	0.021 J (0.039)	0.1 (0.039)	0.083 (0.016)	0.09 (0.016)	0.13 (0.041)	0.0016 J (0.008)	0.47 (0.078)	
Chrysene	760	230	1.3 (0.082)	0.84 (0.038)	2.8 (0.077)	0.26 (0.077)	0.043 (0.039)	2.2 (0.086)	0.032 J (0.039)	0.093 (0.039)	0.11 (0.016)	0.12 (0.016)	0.3 (0.041)	0.0097 (0.008)	1.7 (0.078)	
Fluorene	130000	3800	2.2 (0.082)	0.68 (0.038)	0.14 (0.077)	0.028 J (0.077)	U (0.039)	0.48 (0.086)	0.027 J (0.039)	0.0092 J (0.039)	0.016 (0.016)	0.014 J (0.016)	0.38 (0.041)	0.059 (0.008)	1 (0.078)	
Naphthalene	66	25	0.74 (0.082)	0.26 (0.038)	0.13 (0.077)	0.3 (0.077)	0.037 J (0.039)	0.21 (0.086)	U (0.039)	0.089 (0.039)	0.032 (0.016)	0.056 (0.016)	0.039 J (0.041)	0.0064 J (0.008)	0.11 (0.078)	
Phenanthrene	190000	10000	4.6 (0.082)	2.9 (0.038)	1.9 (0.077)	0.28 (0.077)	0.048 (0.039)	5.7 (0.086)	0.025 J (0.039)	0.086 (0.039)	0.099 (0.016)	0.12 (0.016)	1.2 (0.041)	0.13 (0.008)	5.2 (0.078)	
Pyrene	96000	2200	2.1 (0.082)	1.5 (0.038)	4.3 (0.077)	0.18 (0.077)	0.059 (0.039)	4.7 (0.086)	0.046 (0.039)	0.13 (0.039)	0.17 (0.016)	0.17 (0.016)	0.48 (0.041)	0.016 (0.008)	4.2 (0.078)	
Metals																
Lead	1000	450	120 (2.34)	302 (2.19)	194 (2.28)	550 (2.26)	237 (2.24)	94.2 (2.53)	34.3 (2.32)	134 (2.33)	34.1 (2.34)	47.8 (2.23)	140 (2.43)	27.9 (11.6)	71.7 (2.32)	

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-P36-C	101-P36-S	101-P37-C	101-P38-C	101-Q37-C	101-Q38-C	101-Q39-C	101-R23-S	101-R38-C	101-S22-S	101-S23-C	101-S23-S	101-S24-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-P36-C-COMP	101-P36-S-COMP	101-P37-C-COMP	101-P38-C-COMP	101-Q37-C-COMP	101-Q38-C-COMP	101-Q39-C-COMP	101-R23-S-COMP	101-R38-C-COMP	101-S22-S-COMP	101-S23-C-COMP	101-S23-S-COMP	101-S24-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/22/2021	1/22/2021	1/22/2021	1/25/2021	1/25/2021	1/25/2021	1/25/2021	2/8/2021	1/25/2021	2/10/2021	2/9/2021	2/9/2021	2/5/2021
PAHs															
Anthracene	190000	350	0.0028 J (0.0079)	0.019 (0.016)	0.18 (0.04)	0.042 J (0.14)	0.043 (0.04)	0.021 J (0.041)	3.8 (0.19)	0.022 J (0.038)	0.099 (0.039)	0.06 (0.015)	0.059 (0.037)	0.077 (0.039)	0.053 (0.036)
Benzo(a)anthracene	130	340	0.017 (0.0079)	0.12 (0.016)	0.56 (0.04)	0.26 (0.14)	0.2 (0.04)	0.13 (0.041)	5.8 (0.19)	0.12 (0.038)	0.26 (0.039)	0.071 (0.015)	0.2 (0.037)	0.22 (0.039)	0.16 (0.036)
Benzo(a)pyrene	91	46	0.018 (0.0079)	0.099 (0.016)	0.38 (0.04)	0.26 (0.14)	0.16 (0.04)	0.12 (0.041)	3.7 (0.19)	0.11 (0.038)	0.24 (0.039)	0.07 (0.015)	0.16 (0.037)	0.17 (0.039)	0.13 (0.036)
Benzo(b)fluoranthene	76	170	0.024 (0.0079)	0.12 (0.016)	0.46 (0.04)	0.27 (0.14)	0.2 (0.04)	0.13 (0.041)	4.8 (0.19)	0.12 (0.038)	0.29 (0.039)	0.07 (0.015)	0.18 (0.037)	0.2 (0.039)	0.15 (0.036)
Benzo(g,h,i)perylene	190000	180	0.009 (0.0079)	0.055 (0.016)	0.17 (0.04)	0.27 (0.14)	0.098 (0.04)	0.097 (0.041)	1.8 (0.19)	0.1 (0.038)	0.15 (0.039)	0.074 (0.015)	0.14 (0.037)	0.14 (0.039)	0.11 (0.036)
Chrysene	760	230	0.015 (0.0079)	0.093 (0.016)	0.39 (0.04)	0.23 (0.14)	0.15 (0.04)	0.1 (0.041)	4.3 (0.19)	0.094 (0.038)	0.2 (0.039)	0.12 (0.015)	0.18 (0.037)	0.2 (0.039)	0.15 (0.036)
Fluorene	130000	3800	0.003 J (0.0079)	0.006 J (0.016)	0.032 J (0.04)	U (0.14)	0.014 J (0.04)	0.0062 J (0.041)	1.4 (0.19)	0.01 J (0.038)	0.042 (0.039)	0.15 (0.015)	0.082 (0.037)	0.12 (0.039)	0.047 (0.036)
Naphthalene	66	25	0.0048 J (0.0079)	0.042 (0.016)	0.014 J (0.04)	0.04 J (0.14)	0.017 J (0.04)	0.02 J (0.041)	0.58 (0.19)	0.066 (0.038)	0.042 (0.039)	0.09 (0.015)	0.038 (0.037)	0.093 (0.039)	0.045 (0.036)
Phenanthrene	190000	10000	0.017 (0.0079)	0.085 (0.016)	0.67 (0.04)	0.19 (0.14)	0.21 (0.04)	0.1 (0.041)	11 (0.19)	0.069 (0.038)	0.36 (0.039)	0.38 (0.015)	0.24 (0.037)	0.24 (0.039)	0.22 (0.036)
Pyrene	96000	2200	0.017 (0.0079)	0.15 (0.016)	0.96 (0.04)	0.28 (0.14)	0.3 (0.04)	0.17 (0.041)	7.6 (0.19)	0.1 (0.038)	0.42 (0.039)	0.16 (0.015)	0.31 (0.037)	0.36 (0.039)	0.26 (0.036)
Metals															
Lead	1000	450	37 (2.34)	9.33 (2.32)	271 (2.36)	1710 (2.92)	21.7 (2.27)	36.7 (2.43)	132 (2.15)	73.2 (2.24)	110 (2.34)	174 (2.18)	109 (2.11)	1030 (2.24)	137 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-S24-S	101-S25-C	101-S25-S	101-S26-C	101-S26-S	101-S27-S	101-S28-C	101-S29-S	101-S30-C	101-T23-S	101-T24-C	101-T24-S	101-T25-S
Field Sample ID	Value (0-2 ft bgs)	Value	101-S24-S-COMP	101-S25-C-COMP	101-S25-S-COMP	101-S26-C-COMP	101-S26-S-COMP	101-S27-S-COMP	101-S28-C-COMP	101-S29-S-COMP	101-S30-C-COMP	101-T23-S-COMP	101-T24-C-COMP	101-T24-S-COMP	101-T25-S-COMP
Sample Date	(mg/kg)	(mg/kg)	2/5/2021	2/5/2021	2/5/2021	2/8/2021	2/8/2021	2/4/2021	2/4/2021	2/4/2021	1/27/2021	2/9/2021	2/10/2021	2/9/2021	2/10/2021
PAHs															
Anthracene	190000	350	0.078 (0.038)	0.075 (0.038)	0.068 (0.038)	0.12 (0.037)	0.1 (0.037)	0.018 J (0.039)	0.072 (0.038)	0.095 (0.041)	4.4 (0.19)	0.04 (0.039)	1.2 (0.23)	0.011 J (0.014)	0.034 (0.0075)
Benzo(a)anthracene	130	340	0.11 (0.038)	0.62 (0.038)	0.17 (0.038)	0.36 (0.037)	0.28 (0.037)	0.076 (0.039)	0.17 (0.038)	0.24 (0.041)	2 (0.19)	0.11 (0.039)	3.6 (0.23)	0.028 (0.014)	0.13 (0.0075)
Benzo(a)pyrene	91	46	0.081 (0.038)	0.57 (0.038)	0.15 (0.038)	0.26 (0.037)	0.2 (0.037)	0.056 (0.039)	0.13 (0.038)	0.13 (0.041)	0.71 (0.19)	0.11 (0.039)	3 (0.23)	0.021 (0.014)	0.12 (0.0075)
Benzo(b)fluoranthene	76	170	0.081 (0.038)	0.88 (0.038)	0.16 (0.038)	0.24 (0.037)	0.22 (0.037)	0.062 (0.039)	0.14 (0.038)	0.12 (0.041)	0.95 (0.19)	0.11 (0.039)	4 (0.23)	0.023 (0.014)	0.15 (0.0075)
Benzo(g,h,i)perylene	190000	180	0.097 (0.038)	0.32 (0.038)	0.15 (0.038)	0.15 (0.037)	0.15 (0.037)	0.038 J (0.039)	0.098 (0.038)	0.089 (0.041)	0.29 (0.19)	0.09 (0.039)	1.9 (0.23)	0.021 (0.014)	0.094 (0.0075)
Chrysene	760	230	0.14 (0.038)	0.48 (0.038)	0.19 (0.038)	0.34 (0.037)	0.26 (0.037)	0.058 (0.039)	0.15 (0.038)	0.24 (0.041)	1.3 (0.19)	0.11 (0.039)	3.8 (0.23)	0.026 (0.014)	0.14 (0.0075)
Fluorene	130000	3800	0.17 (0.038)	0.14 (0.038)	0.12 (0.038)	0.3 (0.037)	0.15 (0.037)	0.007 J (0.039)	0.092 (0.038)	0.13 (0.041)	5.1 (0.19)	0.12 (0.039)	1.6 (0.23)	0.013 J (0.014)	0.068 (0.0075)
Naphthalene	66	25	0.053 (0.038)	0.061 (0.038)	0.044 (0.038)	0.056 (0.037)	0.13 (0.037)	U (0.039)	0.024 J (0.038)	0.019 J (0.041)	7.1 (0.19)	0.025 J (0.039)	1.7 (0.23)	0.006 J (0.014)	0.043 (0.0075)
Phenanthrene	190000	10000	0.22 (0.038)	0.38 (0.038)	0.18 (0.038)	0.55 (0.037)	0.32 (0.037)	0.029 J (0.039)	0.19 (0.038)	0.13 (0.041)	12 (0.19)	0.22 (0.039)	2.6 (0.23)	0.034 (0.014)	0.14 (0.0075)
Pyrene	96000	2200	0.24 (0.038)	0.52 (0.038)	0.31 (0.038)	0.49 (0.037)	0.47 (0.037)	0.15 (0.039)	0.29 (0.038)	0.38 (0.041)	5.2 (0.19)	0.14 (0.039)	6.5 (0.23)	0.047 (0.014)	0.19 (0.0075)
Metals															
Lead	1000	450	8.16 (2.2)	78.8 (2.19)	83.8 (2.24)	22.3 (2.26)	113 (2.22)	117 (2.28)	79.2 (2.21)	71.6 (2.5)	22.5 (2.26)	46.1 (2.25)	690 (2.31)	49.5 (2.18)	103 (2.25)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-T26-C	101-T26-S	101-T27-S	101-T28-C	101-T28-S	101-T29-C	101-T29-S	101-T30-C	101-T30-S	101-T31-C	101-T31-S	101-T32-C	101-T32-S
Field Sample ID	Value (0-2 ft bgs)	Value	101-T26-C-COMP	101-T26-S-COMP	101-T27-S-COMP	101-T28-C-COMP	101-T28-S-COMP	101-T29-C-COMP	101-T29-S-COMP	101-T30-C-COMP	101-T30-S-COMP	101-T31-C-COMP	101-T31-S-COMP	101-T32-C-COMP	101-T32-S-COMP
Sample Date	(mg/kg)	(mg/kg)	2/4/2021	2/8/2021	2/4/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	2/3/2021	1/28/2021	1/28/2021	1/29/2021	1/29/2021
PAHs															
Anthracene	190000	350	0.13 (0.04)	0.32 (0.038)	0.047 (0.04)	0.46 (0.039)	0.61 (0.037)	0.17 (0.039)	0.18 (0.038)	0.076 (0.038)	0.2 (0.04)	0.23 (0.036)	0.32 (0.037)	0.14 (0.038)	0.17 (0.037)
Benzo(a)anthracene	130	340	0.52 (0.04)	0.51 (0.038)	0.16 (0.04)	0.29 (0.039)	2 (0.037)	0.5 (0.039)	0.3 (0.038)	0.45 (0.038)	0.25 (0.04)	0.73 (0.036)	0.71 (0.037)	0.4 (0.038)	0.82 (0.037)
Benzo(a)pyrene	91	46	0.35 (0.04)	0.33 (0.038)	0.12 (0.04)	0.19 (0.039)	1.3 (0.037)	0.43 (0.039)	0.24 (0.038)	0.55 (0.038)	0.2 (0.04)	0.59 (0.036)	0.52 (0.037)	0.28 (0.038)	0.66 (0.037)
Benzo(b)fluoranthene	76	170	0.44 (0.04)	0.33 (0.038)	0.13 (0.04)	0.2 (0.039)	1.6 (0.037)	0.5 (0.039)	0.25 (0.038)	0.47 (0.038)	0.2 (0.04)	0.57 (0.036)	0.49 (0.037)	0.33 (0.038)	0.74 (0.037)
Benzo(g,h,i)perylene	190000	180	0.23 (0.04)	0.23 (0.038)	0.09 (0.04)	0.16 (0.039)	0.75 (0.037)	0.33 (0.039)	0.25 (0.038)	0.41 (0.038)	0.17 (0.04)	0.5 (0.036)	0.44 (0.037)	0.21 (0.038)	0.68 (0.037)
Chrysene	760	230	0.48 (0.04)	0.53 (0.038)	0.16 (0.04)	0.3 (0.039)	1.8 (0.037)	0.42 (0.039)	0.39 (0.038)	0.51 (0.038)	0.34 (0.04)	0.7 (0.036)	0.85 (0.037)	0.32 (0.038)	0.96 (0.037)
Fluorene	130000	3800	0.11 (0.04)	0.7 (0.038)	0.082 (0.04)	0.93 (0.039)	0.54 (0.037)	0.085 (0.039)	0.61 (0.038)	0.042 (0.038)	0.72 (0.04)	0.33 (0.036)	0.72 (0.037)	0.09 (0.038)	0.094 (0.037)
Naphthalene	66	25	0.031 J (0.04)	0.18 (0.038)	0.013 J (0.04)	0.15 (0.039)	0.19 (0.037)	0.17 (0.039)	0.39 (0.038)	0.087 (0.038)	0.21 (0.04)	0.18 (0.036)	0.24 (0.037)	0.13 (0.038)	0.18 (0.037)
Phenanthrene	190000	10000	0.37 (0.04)	1.5 (0.038)	0.14 (0.04)	1.2 (0.039)	2.4 (0.037)	0.46 (0.039)	0.59 (0.038)	0.25 (0.038)	1.6 (0.04)	0.74 (0.036)	1.4 (0.037)	0.49 (0.038)	0.52 (0.037)
Pyrene	96000	2200	0.76 (0.04)	1 (0.038)	0.26 (0.04)	1.1 (0.039)	2.9 (0.037)	0.68 (0.039)	0.48 (0.038)	0.6 (0.038)	0.57 (0.04)	1 (0.036)	1.1 (0.037)	0.54 (0.038)	0.94 (0.037)
Metals															
Lead	1000	450	217 (2.4)	123 (2.17)	69.8 (2.31)	147 (2.3)	103 (2.14)	132 (2.32)	147 (2.24)	115 (2.26)	100 (2.31)	69.6 (2.2)	144 (2.16)	86.2 (2.29)	101 (2.15)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-T33-C	101-T33-S	101-T34-C	101-T34-S	101-T38-C	101-U21-C	101-U24-S	101-U26-S	101-U28-S	101-U29-S	101-U30-C	101-U30-S	101-U32-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-T33-C-COMP	101-T33-S-COMP	101-T34-C-COMP	101-T34-S-COMP	101-T38-C-COMP	101-U21-C-COMP	101-U24-S-COMP	101-U26-S-COMP	101-U28-S-COMP	101-U29-S-COMP	101-U30-C-COMP	101-U30-S-COMP	101-U32-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/29/2021	1/29/2021	1/28/2021	1/28/2021	1/26/2021	2/8/2021	2/10/2021	2/5/2021	2/3/2021	1/29/2021	1/29/2021	1/29/2021	1/28/2021
PAHs															
Anthracene	190000	350	0.11 (0.039)	0.21 (0.041)	0.37 (0.035)	0.35 (0.037)	0.28 (0.04)	0.41 (0.08)	0.44 (0.078)	0.23 (0.038)	0.096 (0.039)	0.14 (0.038)	0.2 (0.037)	0.097 (0.039)	0.12 (0.038)
Benzo(a)anthracene	130	340	0.42 (0.039)	0.7 (0.041)	0.52 (0.035)	1.3 (0.037)	1 (0.04)	0.61 (0.08)	0.44 (0.078)	0.56 (0.038)	0.51 (0.039)	0.39 (0.038)	0.6 (0.037)	0.28 (0.039)	0.44 (0.038)
Benzo(a)pyrene	91	46	0.42 (0.039)	0.56 (0.041)	0.27 (0.035)	1.1 (0.037)	0.8 (0.04)	0.38 (0.08)	0.18 (0.078)	0.5 (0.038)	0.44 (0.039)	0.31 (0.038)	0.36 (0.037)	0.19 (0.039)	0.37 (0.038)
Benzo(b)fluoranthene	76	170	0.47 (0.039)	0.6 (0.041)	0.22 (0.035)	1.2 (0.037)	1 (0.04)	0.28 (0.08)	0.1 (0.078)	0.51 (0.038)	0.23 (0.039)	0.29 (0.038)	0.35 (0.037)	0.18 (0.039)	0.48 (0.038)
Benzo(g,h,i)perylene	190000	180	0.28 (0.039)	0.45 (0.041)	0.28 (0.035)	1.1 (0.037)	0.36 (0.04)	0.31 (0.08)	0.081 (0.078)	0.41 (0.038)	0.57 (0.039)	0.37 (0.038)	0.33 (0.037)	0.15 (0.039)	0.26 (0.038)
Chrysene	760	230	0.41 (0.039)	0.62 (0.041)	0.49 (0.035)	1.1 (0.037)	0.84 (0.04)	0.88 (0.08)	0.49 (0.078)	0.5 (0.038)	0.51 (0.039)	0.4 (0.038)	0.45 (0.037)	0.18 (0.039)	0.35 (0.038)
Fluorene	130000	3800	0.096 (0.039)	0.22 (0.041)	0.79 (0.035)	0.39 (0.037)	0.1 (0.04)	1.2 (0.08)	1.3 (0.078)	0.41 (0.038)	0.14 (0.039)	0.24 (0.038)	0.22 (0.037)	0.084 (0.039)	0.074 (0.038)
Naphthalene	66	25	0.07 (0.039)	0.16 (0.041)	0.31 (0.035)	0.18 (0.037)	0.099 (0.04)	1.2 (0.08)	0.094 (0.078)	0.16 (0.038)	0.11 (0.039)	0.1 (0.038)	0.11 (0.037)	0.033 J (0.039)	0.13 (0.038)
Phenanthrene	190000	10000	0.42 (0.039)	0.53 (0.041)	1.6 (0.035)	1.1 (0.037)	1.3 (0.04)	4.3 (0.08)	4.1 (0.078)	0.59 (0.038)	0.15 (0.039)	0.55 (0.038)	0.49 (0.037)	0.18 (0.039)	0.44 (0.038)
Pyrene	96000	2200	0.46 (0.039)	0.78 (0.041)	1.1 (0.035)	1.6 (0.037)	1.7 (0.04)	1 (0.08)	0.77 (0.078)	0.75 (0.038)	0.48 (0.039)	0.56 (0.038)	0.67 (0.037)	0.32 (0.039)	0.63 (0.038)
Metals															
Lead	1000	450	46.4 (2.29)	137 (2.48)	20.2 (2.07)	77.6 (2.22)	230 (2.41)	205 (2.44)	27 (2.3)	215 (2.25)	35.5 (2.34)	92.3 (2.32)	56.1 (2.18)	46.6 (2.41)	102 (2.27)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-U32-S	101-U33-C	101-U33-S	101-U34-C	101-U34-S	101-U35-C	101-U35-S	101-U36-S	101-U37-C1	101-U37-C2	101-V24-C	101-V27-C	101-V30-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-U32-S-COMP	101-U33-C-COMP	101-U33-S-COMP	101-U34-C-COMP	101-U34-S-COMP	101-U35-C-COMP	101-U35-S-COMP	101-U36-S-COMP	101-U37-C1-COMP	101-U37-C2-COMP	101-V24-C-COMP	101-V27-C-COMP	101-V30-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/28/2021	1/28/2021	1/28/2021	1/27/2021	1/27/2021	1/28/2021	1/28/2021	1/26/2021	1/26/2021	1/26/2021	2/8/2021	1/27/2021	1/27/2021
PAHs															
Anthracene	190000	350	0.2 (0.037)	0.81 (0.038)	0.7 (0.037)	0.62 (0.038)	0.42 (0.038)	0.3 (0.039)	0.79 (0.04)	0.14 (0.038)	0.079 (0.04)	1.8 (0.079)	0.02 J (0.04)	1 (0.084)	0.24 (0.084)
Benzo(a)anthracene	130	340	0.87 (0.037)	1.8 (0.038)	1.2 (0.037)	1.7 (0.038)	1.2 (0.038)	0.45 (0.039)	1.6 (0.04)	0.19 (0.038)	0.42 (0.04)	3.7 (0.079)	0.12 (0.04)	1.9 (0.084)	0.3 (0.084)
Benzo(a)pyrene	91	46	0.72 (0.037)	1.9 (0.038)	1.3 (0.037)	1.4 (0.038)	1.1 (0.038)	0.32 (0.039)	1.3 (0.04)	0.15 (0.038)	0.29 (0.04)	3.2 (0.079)	0.071 (0.04)	1.6 (0.084)	0.62 (0.084)
Benzo(b)fluoranthene	76	170	0.79 (0.037)	1.3 (0.038)	1.2 (0.037)	1.8 (0.038)	1.2 (0.038)	0.34 (0.039)	1.4 (0.04)	0.15 (0.038)	0.36 (0.04)	3.9 (0.079)	0.067 (0.04)	1.2 (0.084)	0.43 (0.084)
Benzo(g,h,i)perylene	190000	180	0.48 (0.037)	1.3 (0.038)	1.1 (0.037)	0.6 (0.038)	0.88 (0.038)	0.24 (0.039)	0.86 (0.04)	0.2 (0.038)	0.26 (0.04)	1.7 (0.079)	0.15 (0.04)	0.78 (0.084)	0.56 (0.084)
Chrysene	760	230	0.72 (0.037)	2.3 (0.038)	1.3 (0.037)	1.6 (0.038)	1.2 (0.038)	0.47 (0.039)	1.3 (0.04)	0.25 (0.038)	0.32 (0.04)	3 (0.079)	0.084 (0.04)	2.9 (0.084)	0.86 (0.084)
Fluorene	130000	3800	0.088 (0.037)	0.59 (0.038)	0.5 (0.037)	0.45 (0.038)	0.44 (0.038)	0.57 (0.039)	0.5 (0.04)	0.3 (0.038)	0.023 J (0.04)	0.9 (0.079)	0.017 J (0.04)	1.9 (0.084)	0.36 (0.084)
Naphthalene	66	25	0.19 (0.037)	0.24 (0.038)	0.32 (0.037)	0.33 (0.038)	0.44 (0.038)	0.2 (0.039)	0.26 (0.04)	0.052 (0.038)	0.047 (0.04)	0.98 (0.079)	0.074 (0.04)	2.3 (0.084)	1.4 (0.084)
Phenanthrene	190000	10000	0.51 (0.037)	0.78 (0.038)	1.2 (0.037)	2 (0.038)	1.6 (0.038)	0.9 (0.039)	2.8 (0.04)	0.46 (0.038)	0.27 (0.04)	6 (0.079)	0.084 (0.04)	6.1 (0.084)	0.91 (0.084)
Pyrene	96000	2200	0.85 (0.037)	1.7 (0.038)	1.9 (0.037)	2.5 (0.038)	1.8 (0.038)	0.89 (0.039)	2.4 (0.04)	0.35 (0.038)	0.49 (0.04)	5.7 (0.079)	0.073 (0.04)	3.6 (0.084)	0.75 (0.084)
Metals															
Lead	1000	450	108 (2.21)	86.5 (2.2)	103 (2.18)	135 (2.27)	69.8 (2.24)	111 (2.23)	62.8 (2.35)	67.4 (2.31)	186 (2.37)	206 (2.31)	16.1 (12.1)	346 (2.5)	74.3 (2.48)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	101-V32-S	101-V33-C	101-V35-C	101-V35-S	101-X43-C	102-D04-C	102-E08-C1	102-E08-C2	102-E11-C	102-E13-C	102-F13-C	102-F16-C	102-F18-C
Field Sample ID	Value (0-2 ft bgs)	Value	101-V32-S-COMP	101-V33-C-COMP	101-V35-C-COMP	101-V35-S-COMP	101-X43-C-COMP	102-D04-C-COMP	102-E08-C1-COMP	102-E08-C2-COMP	102-E11-C-COMP	102-E13-C-COMP	102-F13-C-COMP	102-F16-C-COMP	102-F18-C-COMP
Sample Date	(mg/kg)	(mg/kg)	1/27/2021	1/27/2021	1/26/2021	1/26/2021	1/26/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/11/2021	2/11/2021
PAHs															
Anthracene	190000	350	0.51 (0.041)	0.74 (0.46)	0.27 (0.04)	0.67 (0.037)	2.1 (0.21)	0.041 J (0.046)	0.021 J (0.075)	0.08 (0.04)	0.44 (0.079)	0.68 (0.079)	1.5 (0.076)	0.46 (0.041)	0.1 (0.037)
Benzo(a)anthracene	130	340	2.6 (0.041)	0.54 (0.46)	0.2 (0.04)	0.8 (0.037)	5.3 (0.21)	0.44 (0.046)	0.067 J (0.075)	0.18 (0.04)	0.24 (0.079)	0.39 (0.079)	0.75 (0.076)	0.41 (0.041)	0.28 (0.037)
Benzo(a)pyrene	91	46	2.5 (0.041)	0.82 (0.46)	0.16 (0.04)	0.57 (0.037)	4.5 (0.21)	0.68 (0.046)	0.086 (0.075)	0.18 (0.04)	0.19 (0.079)	0.3 (0.079)	0.83 (0.076)	0.21 (0.041)	0.25 (0.037)
Benzo(b)fluoranthene	76	170	2.6 (0.041)	0.55 (0.46)	0.14 (0.04)	0.59 (0.037)	5.7 (0.21)	0.6 (0.046)	0.09 (0.075)	0.2 (0.04)	0.24 (0.079)	0.32 (0.079)	0.65 (0.076)	0.29 (0.041)	0.24 (0.037)
Benzo(g,h,i)perylene	190000	180	1.1 (0.041)	1.9 (0.46)	0.43 (0.04)	0.29 (0.037)	2.7 (0.21)	1 (0.046)	0.11 (0.075)	0.12 (0.04)	0.22 (0.079)	0.26 (0.079)	0.88 (0.076)	0.38 (0.041)	0.22 (0.037)
Chrysene	760	230	2.7 (0.041)	1.6 (0.46)	0.27 (0.04)	1 (0.037)	4.5 (0.21)	0.51 (0.046)	0.082 (0.075)	0.18 (0.04)	1.2 (0.079)	0.74 (0.079)	1.8 (0.076)	0.64 (0.041)	0.3 (0.037)
Fluorene	130000	3800	0.31 (0.041)	1.2 (0.46)	0.53 (0.04)	0.95 (0.037)	0.9 (0.21)	0.006 J (0.046)	0.01 J (0.075)	0.041 (0.04)	0.86 (0.079)	1 (0.079)	1.4 (0.076)	1.1 (0.041)	0.16 (0.037)
Naphthalene	66	25	0.34 (0.041)	2.8 (0.46)	0.24 (0.04)	0.19 (0.037)	0.41 (0.21)	0.051 (0.046)	0.073 J (0.075)	0.085 (0.04)	0.43 (0.079)	0.38 (0.079)	0.79 (0.076)	2.6 (0.041)	0.26 (0.037)
Phenanthrene	190000	10000	0.74 (0.041)	1.1 (0.46)	1.2 (0.04)	2.1 (0.037)	8.5 (0.21)	0.12 (0.046)	0.087 (0.075)	0.32 (0.04)	0.55 (0.079)	2.2 (0.079)	3.5 (0.076)	1.6 (0.041)	0.4 (0.037)
Pyrene	96000	2200	3 (0.041)	1.9 (0.46)	0.48 (0.04)	1.2 (0.037)	9.2 (0.21)	0.31 (0.046)	0.093 (0.075)	0.31 (0.04)	1.4 (0.079)	2.2 (0.079)	4.4 (0.076)	1.1 (0.041)	0.44 (0.037)
Metals															
Lead	1000	450	265 (2.35)	1510 (2.67)	120 (2.3)	79.1 (2.14)	362 (2.4)	93.4 (2.82)	104 (2.27)	59.4 (2.36)	46.1 (2.35)	96.2 (2.28)	154 (2.26)	110 (2.43)	29.5 (2.15)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	102-F20-C	102-G23-C	102-G25-C	102-G27-C	102-G29-C	103-A10-C	103-A10-S	103-A11-S1	103-A11-S2	103-A12-S	103-A14-S	103-A15-S	103-A16-S
Field Sample ID	Value (0-2 ft bgs)	Value	102-F20-C-COMP	102-G23-C-COMP	102-G25-C-COMP	102-G27-C-COMP	102-G29-C-COMP	103-A10-C-COMP	103-A10-S-COMP	103-A11-S1-COMP	103-A11-S2-COMP	103-A12-S-COMP	103-A14-S-COMP	103-A15-S-COMP	103-A16-S-COMP
Sample Date	(mg/kg)	(mg/kg)	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/17/2021	2/17/2021	2/16/2021	2/16/2021	2/16/2021	2/17/2021	2/17/2021	2/17/2021
PAHs															
Anthracene	190000	350	0.026 J (0.041)	0.72 (0.04)	0.079 (0.039)	0.018 J (0.037)	0.12 (0.076)	0.18 (0.038)	0.18 (0.039)	0.88 (0.15)	0.22 (0.15)	0.26 (0.16)	0.033 J (0.037)	0.054 (0.036)	0.035 J (0.038)
Benzo(a)anthracene	130	340	0.063 (0.041)	0.53 (0.04)	0.44 (0.039)	0.077 (0.037)	0.33 (0.076)	0.12 (0.038)	0.78 (0.039)	1.7 (0.15)	0.82 (0.15)	0.96 (0.16)	0.15 (0.037)	0.043 (0.036)	0.042 (0.038)
Benzo(a)pyrene	91	46	0.079 (0.041)	0.27 (0.04)	0.36 (0.039)	0.067 (0.037)	0.26 (0.076)	0.07 (0.038)	0.47 (0.039)	0.93 (0.15)	0.57 (0.15)	0.77 (0.16)	0.027 J (0.037)	0.02 J (0.036)	0.012 J (0.038)
Benzo(b)fluoranthene	76	170	0.13 (0.041)	0.22 (0.04)	0.45 (0.039)	0.082 (0.037)	0.3 (0.076)	0.06 (0.038)	0.61 (0.039)	1 (0.15)	0.47 (0.15)	0.84 (0.16)	0.041 (0.037)	0.021 J (0.036)	0.0091 J (0.038)
Benzo(g,h,i)perylene	190000	180	0.26 (0.041)	0.2 (0.04)	0.26 (0.039)	0.071 (0.037)	0.16 (0.076)	U (0.038)	0.42 (0.039)	0.78 (0.15)	0.56 (0.15)	0.82 (0.16)	0.022 J (0.037)	0.018 J (0.036)	0.028 J (0.038)
Chrysene	760	230	0.32 (0.041)	0.5 (0.04)	0.42 (0.039)	0.072 (0.037)	0.27 (0.076)	0.23 (0.038)	0.84 (0.039)	2.3 (0.15)	0.93 (0.15)	0.89 (0.16)	0.2 (0.037)	0.045 (0.036)	0.04 (0.038)
Fluorene	130000	3800	0.0094 J (0.041)	0.21 (0.04)	0.016 J (0.039)	0.012 J (0.037)	0.035 J (0.076)	0.77 (0.038)	0.25 (0.039)	1.8 (0.15)	0.36 (0.15)	0.39 (0.16)	0.04 (0.037)	0.34 (0.036)	0.12 (0.038)
Naphthalene	66	25	0.052 (0.041)	0.12 (0.04)	0.23 (0.039)	0.052 (0.037)	0.076 (0.076)	0.31 (0.038)	0.086 (0.039)	0.58 (0.15)	0.18 (0.15)	0.61 (0.16)	0.017 J (0.037)	0.065 (0.036)	0.028 J (0.038)
Phenanthrene	190000	10000	0.98 (0.041)	0.21 (0.04)	0.36 (0.039)	0.08 (0.037)	0.46 (0.076)	1.1 (0.038)	0.48 (0.039)	2.3 (0.15)	0.55 (0.15)	1 (0.16)	0.14 (0.037)	0.68 (0.036)	0.22 (0.038)
Pyrene	96000	2200	0.2 (0.041)	1.9 (0.04)	0.5 (0.039)	0.096 (0.037)	0.62 (0.076)	0.41 (0.038)	1.3 (0.039)	2.6 (0.15)	1.1 (0.15)	1.3 (0.16)	0.15 (0.037)	0.099 (0.036)	0.098 (0.038)
Metals															
Lead	1000	450	187 (2.41)	56.7 (2.31)	125 (2.22)	19.9 (4.34)	51.7 (2.27)	44.2 (2.23)	123 (2.23)	342 (2.26)	32.9 (2.18)	177 (2.36)	24 (2.15)	14.4 (2.08)	5.47 (2.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-A17-S	103-AA10-S	103-AA11-S	103-AA12-S	103-B10-S	103-B11-S	103-B13-S	103-B14-S	103-B15-S	103-B16-S	103-B17-S	103-B18-S	103-C10-C
Field Sample ID	Value (0-2 ft bgs)	Value	103-A17-S-COMP	103-AA10-S-COMP	103-AA11-S-COMP	103-AA12-S-COMP	103-B10-S-COMP	103-B11-S-COMP	103-B13-S-COMP	103-B14-S-COMP	103-B15-S-COMP	103-B16-S-COMP	103-B17-S-COMP	103-B18-S-COMP	103-C10-C-COMP
Sample Date	(mg/kg)	(mg/kg)	2/22/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/22/2021	2/22/2021	2/19/2021	3/10/2021	2/19/2021	2/22/2021	2/17/2021
PAHs															
Anthracene	190000	350	0.13 (0.04)	0.64 (0.076)	0.53 (0.16)	0.31 (0.076)	0.24 (0.078)	0.52 (0.08)	0.044 (0.039)	0.58 (0.038)	0.33 (0.015)	1.3 (0.15)	0.52 (0.04)	0.11 (0.039)	1.7 (0.076)
Benzo(a)anthracene	130	340	0.11 (0.04)	2.2 (0.076)	2.2 (0.16)	0.77 (0.076)	0.58 (0.078)	1.9 (0.08)	0.035 J (0.039)	2.5 (0.038)	0.14 (0.015)	2.4 (0.15)	0.27 (0.04)	0.046 (0.039)	4.5 (0.076)
Benzo(a)pyrene	91	46	0.048 (0.04)	1.4 (0.076)	1.6 (0.16)	0.37 (0.076)	0.46 (0.078)	1.2 (0.08)	0.023 J (0.039)	2 (0.038)	0.048 (0.015)	1.9 (0.15)	0.16 (0.04)	0.035 J (0.039)	4 (0.076)
Benzo(b)fluoranthene	76	170	0.049 (0.04)	1.6 (0.076)	1.6 (0.16)	0.42 (0.076)	0.44 (0.078)	1.2 (0.08)	0.038 J (0.039)	2.4 (0.038)	0.037 (0.015)	0.98 (0.15)	0.12 (0.04)	0.036 J (0.039)	5.1 (0.076)
Benzo(g,h,i)perylene	190000	180	0.077 (0.04)	0.93 (0.076)	1.1 (0.16)	0.28 (0.076)	0.46 (0.078)	0.74 (0.08)	0.035 J (0.039)	0.92 (0.038)	0.038 (0.015)	1.6 (0.15)	0.15 (0.04)	0.047 (0.039)	2.6 (0.076)
Chrysene	760	230	0.16 (0.04)	2.5 (0.076)	2 (0.16)	0.92 (0.076)	0.57 (0.078)	2.2 (0.08)	0.15 (0.039)	2 (0.038)	0.18 (0.015)	5.3 (0.15)	0.39 (0.04)	0.08 (0.039)	3.9 (0.076)
Fluorene	130000	3800	0.26 (0.04)	1.3 (0.076)	0.66 (0.16)	0.36 (0.076)	0.6 (0.078)	0.7 (0.08)	0.1 (0.039)	0.44 (0.038)	0.51 (0.015)	6 (0.15)	0.82 (0.04)	0.28 (0.039)	0.57 (0.076)
Naphthalene	66	25	0.27 (0.04)	0.16 (0.076)	0.59 (0.16)	0.16 (0.076)	0.27 (0.078)	0.19 (0.08)	0.055 (0.039)	0.12 (0.038)	0.38 (0.015)	0.61 (0.15)	0.41 (0.04)	0.068 (0.039)	0.09 (0.076)
Phenanthrene	190000	10000	0.62 (0.04)	5.7 (0.076)	1.4 (0.16)	1.3 (0.076)	1.5 (0.078)	2.2 (0.08)	0.31 (0.039)	2.1 (0.038)	1.4 (0.015)	11 (0.15)	1.9 (0.04)	0.58 (0.039)	6 (0.076)
Pyrene	96000	2200	0.37 (0.04)	2.9 (0.076)	2.6 (0.16)	1.4 (0.076)	0.8 (0.078)	2.6 (0.08)	0.12 (0.039)	3.2 (0.038)	0.66 (0.015)	4.6 (0.15)	1 (0.04)	0.22 (0.039)	6.9 (0.076)
Metals															
Lead	1000	450	81.5 (2.31)	101 (2.2)	150 (2.27)	239 (2.28)	107 (2.3)	128 (2.35)	37.1 (2.2)	73.5 (2.2)	8.75 (2.18)	15.6 (2.29)	83 (2.36)	80.7 (2.26)	148 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	103-C12-S	103-C13-S	103-C14-S	103-C15-S	103-C16-S	103-C17-S	103-C18-S	103-D12-S	103-D13-S	103-D14-S	103-D15-S	103-D16-S	103-D17-S
			103-C12-S-COMP	103-C13-S-COMP	103-C14-S-COMP	103-C15-S-COMP	103-C16-S-COMP	103-C17-S-COMP	103-C18-S-COMP	103-D12-S-COMP	103-D13-S-COMP	103-D14-S-COMP	103-D15-S-COMP	103-D16-S-COMP	103-D17-S-COMP
Field Sample ID	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)	2/22/2021	2/22/2021	2/19/2021	2/19/2021	2/19/2021	2/23/2021	2/23/2021	2/22/2021	2/22/2021	2/23/2021	2/23/2021	2/24/2021	2/24/2021
PAHs															
Anthracene	190000	350	0.2 (0.038)	0.057 (0.039)	0.31 (0.014)	U (0.0071)	0.3 (0.036)	0.44 (0.038)	0.79 (0.076)	0.13 (0.038)	0.032 J (0.043)	0.15 (0.076)	0.046 J (0.08)	1.1 (0.038)	0.34 (0.037)
Benzo(a)anthracene	130	340	0.27 (0.038)	0.1 (0.039)	0.096 (0.014)	U (0.0071)	0.25 (0.036)	3.8 (0.038)	0.67 (0.076)	0.52 (0.038)	0.1 (0.043)	0.15 (0.076)	0.31 (0.08)	0.098 (0.038)	0.084 (0.037)
Benzo(a)pyrene	91	46	0.52 (0.038)	0.18 (0.039)	0.047 (0.014)	U (0.0071)	0.14 (0.036)	4.8 (0.076)	0.47 (0.076)	0.48 (0.038)	0.1 (0.043)	0.15 (0.076)	0.28 (0.08)	0.075 (0.038)	0.05 (0.037)
Benzo(b)fluoranthene	76	170	0.41 (0.038)	0.18 (0.039)	0.034 (0.014)	U (0.0071)	0.1 (0.036)	6.5 (0.076)	0.4 (0.076)	0.49 (0.038)	0.11 (0.043)	0.11 (0.076)	0.36 (0.08)	0.069 (0.038)	U (0.037)
Benzo(g,h,i)perylene	190000	180	0.73 (0.038)	0.48 (0.039)	0.036 (0.014)	U (0.0071)	0.16 (0.036)	2.9 (0.038)	0.48 (0.076)	0.55 (0.038)	0.11 (0.043)	0.14 (0.076)	0.21 (0.08)	0.082 (0.038)	0.048 (0.037)
Chrysene	760	230	0.88 (0.038)	0.29 (0.039)	0.22 (0.014)	U (0.0071)	0.34 (0.036)	3.3 (0.038)	0.67 (0.076)	0.57 (0.038)	0.087 (0.043)	0.29 (0.076)	0.33 (0.08)	0.18 (0.038)	0.18 (0.037)
Fluorene	130000	3800	0.15 (0.038)	0.088 (0.039)	0.94 (0.014)	U (0.0071)	0.34 (0.036)	0.53 (0.038)	1.8 (0.076)	0.064 (0.038)	0.012 J (0.043)	0.33 (0.076)	0.031 J (0.08)	0.68 (0.038)	0.75 (0.037)
Naphthalene	66	25	0.21 (0.038)	U (0.039)	0.34 (0.014)	U (0.0071)	0.25 (0.036)	1.1 (0.038)	1.6 (0.076)	0.14 (0.038)	0.027 J (0.043)	0.12 (0.076)	0.021 J (0.08)	0.29 (0.038)	1.3 (0.037)
Phenanthrene	190000	10000	0.29 (0.038)	0.28 (0.039)	2.1 (0.069)	U (0.0071)	0.85 (0.036)	0.55 (0.038)	5.4 (0.076)	0.71 (0.038)	0.11 (0.043)	0.85 (0.076)	0.16 (0.08)	1.2 (0.038)	1.4 (0.037)
Pyrene	96000	2200	0.86 (0.038)	0.21 (0.039)	0.4 (0.014)	U (0.0071)	0.68 (0.036)	6.1 (0.076)	1.6 (0.076)	0.62 (0.038)	0.12 (0.043)	0.43 (0.076)	0.45 (0.08)	0.55 (0.038)	0.57 (0.037)
Metals															
Lead	1000	450	106 (2.21)	13.4 (2.26)	2.35 (2.07)	4.78 (2.08)	301 (2.06)	38 (2.34)	110 (2.23)	50.5 (2.2)	76.2 (2.54)	28.1 (2.25)	37.6 (2.32)	22.4 (2.27)	16.2 (2.24)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-E08-C	103-E12-S	103-E13-S	103-E14-S	103-E15-S	103-F07-C	103-F11-C	103-F13-S	103-G07-C	103-G11-C	103-H01-C	103-H05-C	103-I05-C1	
Field Sample ID	Value (0-2 ft bgs)	Value	103-E08-C	103-E12-S	103-E13-S	103-E14-S	103-E15-S	103-F07-C	103-F11-C	103-F13-S	103-G07-C	103-G11-C	103-H01-C	103-H05-C	103-I05-C1	
Sample Date	(mg/kg)	(mg/kg)	2/12/2021	2/24/2021	2/24/2021	2/24/2021	2/23/2021	2/15/2021	2/12/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	
PAHs																
Anthracene	190000	350	0.033 J (0.036)	0.2 (0.04)	0.019 J (0.039)	0.18 (0.037)	0.1 (0.074)	0.051 (0.038)	0.066 (0.036)	0.17 (0.036)	0.064 (0.037)	0.59 (0.074)	0.2 (0.037)	0.12 (0.038)	0.057 (0.037)	
Benzo(a)anthracene	130	340	0.11 (0.036)	0.38 (0.04)	0.088 (0.039)	0.42 (0.037)	0.11 (0.074)	0.34 (0.038)	0.14 (0.036)	1.2 (0.036)	0.28 (0.037)	2.1 (0.074)	0.77 (0.037)	1 (0.038)	0.17 (0.037)	
Benzo(a)pyrene	91	46	0.12 (0.036)	0.51 (0.04)	0.075 (0.039)	0.25 (0.037)	0.05 J (0.074)	0.37 (0.038)	0.11 (0.036)	0.86 (0.036)	0.46 (0.037)	2 (0.074)	1 (0.037)	1.3 (0.038)	0.2 (0.037)	
Benzo(b)fluoranthene	76	170	0.14 (0.036)	0.7 (0.04)	0.09 (0.039)	0.2 (0.037)	0.046 J (0.074)	0.38 (0.038)	0.15 (0.036)	1.2 (0.036)	0.49 (0.037)	2.6 (0.074)	1.2 (0.037)	1.5 (0.038)	0.21 (0.037)	
Benzo(g,h,i)perylene	190000	180	0.087 (0.036)	0.34 (0.04)	0.088 (0.039)	0.2 (0.037)	0.033 J (0.074)	0.29 (0.038)	0.095 (0.036)	0.64 (0.036)	0.3 (0.037)	1.2 (0.074)	0.75 (0.037)	0.68 (0.038)	0.22 (0.037)	
Chrysene	760	230	0.13 (0.036)	0.86 (0.04)	0.13 (0.039)	0.43 (0.037)	0.2 (0.074)	0.32 (0.038)	0.25 (0.036)	0.81 (0.036)	0.31 (0.037)	2.1 (0.074)	0.79 (0.037)	0.95 (0.038)	0.17 (0.037)	
Fluorene	130000	3800	0.041 (0.036)	0.17 (0.04)	0.025 J (0.039)	0.064 (0.037)	0.21 (0.074)	0.02 J (0.038)	0.14 (0.036)	0.12 (0.036)	0.019 J (0.037)	0.37 (0.074)	0.068 (0.037)	0.034 J (0.038)	0.037 (0.037)	
Naphthalene	66	25	0.018 J (0.036)	0.069 (0.04)	0.015 J (0.039)	0.028 J (0.037)	0.12 (0.074)	0.072 (0.038)	0.028 J (0.036)	0.05 (0.036)	0.06 (0.037)	0.1 (0.074)	0.43 (0.037)	0.081 (0.038)	0.1 (0.037)	
Phenanthrene	190000	10000	0.11 (0.036)	0.33 (0.04)	0.058 (0.039)	0.29 (0.037)	0.45 (0.074)	0.19 (0.038)	0.081 (0.036)	0.78 (0.036)	0.1 (0.037)	1.2 (0.074)	0.32 (0.037)	0.32 (0.038)	0.21 (0.037)	
Pyrene	96000	2200	0.2 (0.036)	0.92 (0.04)	0.14 (0.039)	0.63 (0.037)	0.28 (0.074)	0.41 (0.038)	0.24 (0.036)	1.2 (0.036)	0.29 (0.037)	4.8 (0.074)	0.98 (0.037)	0.95 (0.038)	0.22 (0.037)	
Metals																
Lead	1000	450	43.4 (2.19)	136 (2.28)	60.5 (2.32)	22.8 (2.2)	13.3 (2.24)	80.4 (2.17)	26.2 (2.14)	46.7 (2.14)	109 (2.14)	313 (2.16)	109 (2.18)	134 (2.18)	214 (2.2)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	103-I05-C2	104-A25-C	104-A28-C	104-A28-S	104-A30-S	104-B25-S	104-C23-S	104-C24-C	104-C25-S	104-C26-C	104-C28-C	104-C28-S	104-D21-S
Field Sample ID	Value (0-2 ft bgs)	Value	103-I05-C2-COMP	104-A25-C-COMP	104-A28-C-COMP	104-A28-S-COMP	104-A30-S-COMP	104-B25-S-COMP	104-C23-S-COMP	104-C24-C-COMP	104-C25-S-COMP	104-C26-C-COMP	104-C28-C-COMP	104-C28-S-COMP	104-D21-S-COMP
Sample Date	(mg/kg)	(mg/kg)	2/15/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	3/1/2021	2/25/2021	3/1/2021	2/25/2021	2/25/2021	2/25/2021	2/26/2021
PAHs															
Anthracene	190000	350	0.23 (0.08)	0.68 (0.038)	0.33 (0.037)	0.97 (0.072)	0.21 (0.05)	0.19 (0.076)	0.08 (0.037)	0.34 (0.077)	97 (3.2)	2.9 (0.78)	5.4 (0.39)	7 (0.79)	0.19 (0.039)
Benzo(a)anthracene	130	340	0.72 (0.08)	1.9 (0.038)	0.73 (0.037)	1.4 (0.072)	1.1 (0.05)	0.62 (0.076)	0.38 (0.037)	1.6 (0.077)	140 (3.2)	23 (0.78)	11 (0.39)	36 (0.79)	1.4 (0.039)
Benzo(a)pyrene	91	46	0.34 (0.08)	2.2 (0.038)	0.74 (0.037)	1.6 (0.072)	1.6 (0.05)	0.7 (0.076)	0.85 (0.037)	3.8 (0.077)	110 (3.2)	36 (0.78)	13 (0.39)	49 (0.79)	2.6 (0.039)
Benzo(b)fluoranthene	76	170	0.77 (0.08)	3 (0.038)	0.86 (0.037)	1.9 (0.072)	1.6 (0.05)	0.72 (0.076)	0.6 (0.037)	2.7 (0.077)	140 (3.2)	42 (0.78)	14 (0.39)	53 (0.79)	2 (0.039)
Benzo(g,h,i)perylene	190000	180	0.38 (0.08)	2 (0.038)	0.82 (0.037)	1.2 (0.072)	1.2 (0.05)	0.67 (0.076)	1.5 (0.037)	6.4 (0.077)	58 (3.2)	20 (0.78)	8.1 (0.39)	37 (0.79)	3.9 (0.039)
Chrysene	760	230	1.4 (0.08)	2.1 (0.038)	1.1 (0.037)	2.2 (0.072)	1.1 (0.05)	0.93 (0.076)	0.42 (0.037)	1.5 (0.077)	110 (3.2)	21 (0.78)	9.7 (0.39)	29 (0.79)	1.7 (0.039)
Fluorene	130000	3800	0.58 (0.08)	0.23 (0.038)	0.23 (0.037)	0.7 (0.072)	0.2 (0.05)	0.16 (0.076)	0.055 (0.037)	0.08 (0.077)	62 (3.2)	0.46 J (0.78)	2.8 (0.39)	2 (0.79)	0.067 (0.039)
Naphthalene	66	25	0.58 (0.08)	0.36 (0.038)	0.14 (0.037)	0.24 (0.072)	0.2 (0.05)	0.13 (0.076)	0.08 (0.037)	0.35 (0.077)	37 (3.2)	0.61 J (0.78)	1.9 (0.39)	3 (0.79)	0.43 (0.039)
Phenanthrene	190000	10000	1.5 (0.08)	0.88 (0.038)	0.99 (0.037)	2.9 (0.072)	0.63 (0.05)	0.65 (0.076)	0.15 (0.037)	0.84 (0.077)	300 (3.2)	7.5 (0.78)	19 (0.39)	23 (0.79)	0.7 (0.039)
Pyrene	96000	2200	1.1 (0.08)	2.5 (0.038)	1.4 (0.037)	4.2 (0.072)	0.92 (0.05)	0.98 (0.076)	0.32 (0.037)	1.3 (0.077)	230 (3.2)	17 (0.78)	15 (0.39)	40 (0.79)	1 (0.039)
Metals															
Lead	1000	450	28 (2.34)	119 (2.3)	222 (2.15)	86 (2.08)	537 (2.83)	56.7 (2.21)	46 (2.17)	242 (2.26)	141 (2.34)	96.3 (2.33)	154 (2.23)	48.2 (2.33)	97.7 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-D22-C	104-D24-C	104-D25-S	104-D26-C	104-D27-S	104-E17-S	104-E20-C	104-E20-S	104-E22-C	104-E23-S	104-E24-C	104-E24-S	104-F18-C
Field Sample ID	Value (0-2 ft bgs)	Value	104-D22-C-COMP	104-D24-C-COMP	104-D25-S-COMP	104-D26-C-COMP	104-D27-S-COMP	104-E17-S-COMP	104-E20-C-COMP	104-E20-S-COMP	104-E22-C-COMP	104-E23-S-COMP	104-E24-C-COMP	104-E24-S-COMP	104-F18-C-COMP
Sample Date	(mg/kg)	(mg/kg)	3/2/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	3/1/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	2/26/2021	3/1/2021
PAHs															
Anthracene	190000	350	0.078 (0.037)	2.8 (1.6)	4.2 (0.4)	1.8 (0.24)	21 (0.76)	0.65 (0.076)	0.62 (0.079)	0.18 (0.072)	0.038 J (0.074)	0.042 (0.039)	0.4 (0.16)	0.0086 J (0.071)	0.099 J (0.15)
Benzo(a)anthracene	130	340	0.38 (0.037)	62 (1.6)	20 (0.4)	13 (0.24)	27 (0.76)	0.89 (0.076)	0.49 (0.079)	0.9 (0.072)	0.18 (0.074)	0.18 (0.039)	4.3 (0.16)	0.064 J (0.071)	0.17 (0.15)
Benzo(a)pyrene	91	46	0.68 (0.037)	110 (1.6)	24 (0.4)	19 (0.24)	22 (0.76)	0.72 (0.076)	0.76 (0.079)	2 (0.072)	0.24 (0.074)	0.26 (0.039)	7.4 (0.16)	0.078 (0.071)	0.16 (0.15)
Benzo(b)fluoranthene	76	170	0.63 (0.037)	62 (1.6)	26 (0.4)	20 (0.24)	26 (0.76)	0.78 (0.076)	0.51 (0.079)	1.4 (0.072)	0.24 (0.074)	0.27 (0.039)	7.2 (0.16)	0.11 (0.071)	0.17 (0.15)
Benzo(g,h,i)perylene	190000	180	0.95 (0.037)	98 (1.6)	19 (0.4)	16 (0.24)	12 (0.76)	0.56 (0.076)	1.1 (0.079)	3.6 (0.072)	0.22 (0.074)	0.33 (0.039)	5.5 (0.16)	0.059 J (0.071)	0.19 (0.15)
Chrysene	760	230	0.4 (0.037)	54 (1.6)	15 (0.4)	10 (0.24)	20 (0.76)	0.92 (0.076)	1.4 (0.079)	0.86 (0.072)	0.17 (0.074)	0.21 (0.039)	3.8 (0.16)	0.095 (0.071)	0.15 (0.15)
Fluorene	130000	3800	0.017 J (0.037)	0.62 J (1.6)	0.69 (0.4)	0.46 (0.24)	12 (0.76)	0.93 (0.076)	1.2 (0.079)	0.22 (0.072)	0.013 J (0.074)	0.012 J (0.039)	0.074 J (0.16)	0.011 J (0.071)	0.058 J (0.15)
Naphthalene	66	25	0.2 (0.037)	1.6 (1.6)	1.4 (0.4)	1.1 (0.24)	12 (0.76)	0.74 (0.076)	0.52 (0.079)	0.74 (0.072)	0.019 J (0.074)	0.091 (0.039)	0.5 (0.16)	0.023 J (0.071)	0.1 J (0.15)
Phenanthrene	190000	10000	0.23 (0.037)	8.3 (1.6)	11 (0.4)	4.8 (0.24)	56 (0.76)	3.4 (0.076)	2.4 (0.079)	0.63 (0.072)	0.15 (0.074)	0.16 (0.039)	1.2 (0.16)	0.12 (0.071)	0.17 (0.15)
Pyrene	96000	2200	0.4 (0.037)	22 (1.6)	19 (0.4)	11 (0.24)	41 (0.76)	2 (0.076)	2.2 (0.079)	1.1 (0.072)	0.25 (0.074)	0.24 (0.039)	3 (0.16)	0.14 (0.071)	0.29 (0.15)
Metals															
Lead	1000	450	62.3 (2.2)	266 (2.35)	261 (2.36)	314 (2.79)	249 (2.28)	93 (2.26)	91 (2.31)	72 (2.14)	36.9 (2.12)	302 (2.31)	69.4 (2.22)	127 (2.02)	210 (2.17)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-F20-C	104-F21-S	104-F22-C	104-G15-C	104-G15-S	104-G18-C	104-G18-S	104-G19-S	104-G20-C	104-H15-C	104-H15-S	104-H16-C	104-H17-C
Field Sample ID	Value (0-2 ft bgs)	Value	104-F20-C	104-F21-S	104-F22-C	104-G15-C	104-G15-S	104-G18-C	104-G18-S	104-G19-S	104-G20-C	104-H15-C	104-H15-S	104-H16-C	104-H17-C
Sample Date	(mg/kg)	(mg/kg)	2/26/2021	3/2/2021	2/26/2021	3/2/2021	3/2/2021	3/1/2021	3/1/2021	3/1/2021	2/26/2021	3/2/2021	3/2/2021	3/2/2021	3/2/2021
PAHs															
Anthracene	190000	350	0.071 J (0.084)	0.12 (0.037)	0.066 J (0.072)	0.08 (0.038)	0.051 (0.039)	0.16 (0.074)	0.089 (0.016)	0.15 (0.073)	0.088 (0.0088)	0.042 (0.038)	0.042 (0.036)	1.3 (0.038)	0.07 (0.038)
Benzo(a)anthracene	130	340	0.37 (0.084)	0.58 (0.037)	0.42 (0.072)	0.19 (0.038)	0.12 (0.039)	0.42 (0.074)	0.21 (0.016)	0.7 (0.073)	0.42 (0.0088)	0.26 (0.038)	0.2 (0.036)	1.8 (0.038)	0.35 (0.038)
Benzo(a)pyrene	91	46	0.4 (0.084)	0.63 (0.037)	0.73 (0.072)	0.23 (0.038)	0.13 (0.039)	0.44 (0.074)	0.2 (0.016)	0.71 (0.073)	0.43 (0.0088)	0.29 (0.038)	0.19 (0.036)	1.3 (0.038)	0.37 (0.038)
Benzo(b)fluoranthene	76	170	0.49 (0.084)	0.73 (0.037)	0.58 (0.072)	0.28 (0.038)	0.14 (0.039)	0.51 (0.074)	0.24 (0.016)	0.86 (0.073)	0.51 (0.0088)	0.3 (0.038)	0.24 (0.036)	1.4 (0.038)	0.39 (0.038)
Benzo(g,h,i)perylene	190000	180	0.29 (0.084)	0.96 (0.037)	0.62 (0.072)	0.27 (0.038)	0.13 (0.039)	0.3 (0.074)	0.13 (0.016)	0.46 (0.073)	0.32 (0.0088)	0.31 (0.038)	0.15 (0.036)	0.69 (0.038)	0.58 (0.038)
Chrysene	760	230	0.38 (0.084)	0.55 (0.037)	0.41 (0.072)	0.25 (0.038)	0.12 (0.039)	0.38 (0.074)	0.2 (0.016)	0.68 (0.073)	0.38 (0.0088)	0.23 (0.038)	0.18 (0.036)	1.4 (0.038)	0.35 (0.038)
Fluorene	130000	3800	0.038 J (0.084)	0.038 (0.037)	0.016 J (0.072)	0.44 (0.038)	0.085 (0.039)	0.52 (0.074)	0.048 (0.016)	0.045 J (0.073)	0.039 (0.0088)	0.012 J (0.038)	0.011 J (0.036)	0.69 (0.038)	0.03 J (0.038)
Naphthalene	66	25	0.046 J (0.084)	0.2 (0.037)	0.099 (0.072)	1.6 (0.038)	0.049 (0.039)	0.12 (0.074)	0.63 (0.016)	0.085 (0.073)	0.098 (0.0088)	0.032 J (0.038)	0.028 J (0.036)	0.15 (0.038)	0.063 (0.038)
Phenanthrene	190000	10000	0.25 (0.084)	0.36 (0.037)	0.17 (0.072)	0.49 (0.038)	0.16 (0.039)	0.82 (0.074)	0.3 (0.016)	0.5 (0.073)	0.37 (0.0088)	0.15 (0.038)	0.15 (0.036)	3.5 (0.038)	0.25 (0.038)
Pyrene	96000	2200	0.54 (0.084)	0.83 (0.037)	0.74 (0.072)	0.26 (0.038)	0.18 (0.039)	0.67 (0.074)	0.34 (0.016)	0.99 (0.073)	0.56 (0.0088)	0.28 (0.038)	0.28 (0.036)	2.6 (0.038)	0.5 (0.038)
Metals															
Lead	1000	450	96.6 (2.42)	44.4 (2.18)	34.3 (2.12)	45.3 (2.21)	73.9 (2.3)	13.5 (2.16)	24.3 (11.8)	119 (10.7)	51.4 (2.57)	314 (2.25)	28.6 (2.11)	91.5 (2.24)	69.4 (2.15)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-H17-S	104-H18-S	104-H19-C	104-I12-C	104-I14-C	104-I17-C	104-J10-C	104-J11-C	104-J12-C	104-J13-C	104-J18-C	104-J19-C	104-K07-C
Field Sample ID	Value (0-2 ft bgs)	Value	104-H17-S-COMP	104-H18-S-COMP	104-H19-C-COMP	104-I12-C-COMP	104-I14-C-COMP	104-I17-C-COMP	104-J10-C-COMP	104-J11-C-COMP	104-J12-C-COMP	104-J13-C-COMP	104-J18-C-COMP	104-J19-C-COMP	104-K07-C-COMP
Sample Date	(mg/kg)	(mg/kg)	3/2/2021	3/1/2021	3/1/2021	3/4/2021	3/3/2021	3/1/2021	3/3/2021	3/4/2021	3/4/2021	3/3/2021	3/8/2021	3/8/2021	3/9/2021
PAHs															
Anthracene	190000	350	0.09 (0.074)	0.058 J (0.073)	0.043 J (0.074)	0.21 (0.074)	1.4 (0.16)	0.045 J (0.076)	0.13 (0.042)	0.086 (0.038)	1.5 (0.42)	0.2 (0.016)	0.76 (0.08)	4.2 (0.78)	0.024 J (0.038)
Benzo(a)anthracene	130	340	0.37 (0.074)	0.26 (0.073)	0.19 (0.074)	1.1 (0.074)	1.6 (0.16)	0.19 (0.076)	0.21 (0.042)	0.17 (0.038)	1.7 (0.42)	0.39 (0.016)	4.8 (0.08)	20 (0.78)	0.13 (0.038)
Benzo(a)pyrene	91	46	0.45 (0.074)	0.26 (0.073)	0.12 (0.074)	1.1 (0.074)	1.7 (0.16)	0.2 (0.076)	0.17 (0.042)	0.14 (0.038)	0.59 (0.42)	0.39 (0.016)	4.5 (0.08)	28 (0.78)	0.097 (0.038)
Benzo(b)fluoranthene	76	170	0.48 (0.074)	0.32 (0.073)	0.15 (0.074)	0.91 (0.074)	1.7 (0.16)	0.23 (0.076)	0.18 (0.042)	0.2 (0.038)	0.64 (0.42)	0.33 (0.016)	6.8 (0.08)	39 (0.78)	0.11 (0.038)
Benzo(g,h,i)perylene	190000	180	0.42 (0.074)	0.2 (0.073)	0.082 (0.074)	0.8 (0.074)	1.5 (0.16)	0.13 (0.076)	0.15 (0.042)	0.11 (0.038)	0.41 J (0.42)	0.3 (0.016)	3.7 (0.08)	32 (0.78)	0.092 (0.038)
Chrysene	760	230	0.41 (0.074)	0.27 (0.073)	0.63 (0.074)	1.4 (0.074)	2 (0.16)	0.2 (0.076)	0.35 (0.042)	0.26 (0.038)	2.6 (0.42)	0.53 (0.016)	6 (0.08)	20 (0.78)	0.09 (0.038)
Fluorene	130000	3800	0.068 J (0.074)	0.022 J (0.073)	0.063 J (0.074)	0.45 (0.074)	4.3 (0.16)	0.028 J (0.076)	0.36 (0.042)	0.2 (0.038)	5.7 (0.42)	0.27 (0.016)	0.11 (0.08)	1 (0.78)	0.021 J (0.038)
Naphthalene	66	25	0.082 (0.074)	0.032 J (0.073)	0.034 J (0.074)	0.26 (0.074)	1.2 (0.16)	0.027 J (0.076)	0.16 (0.042)	0.25 (0.038)	U (0.42)	0.11 (0.016)	0.45 (0.08)	30 (0.78)	0.049 (0.038)
Phenanthrene	190000	10000	0.19 (0.074)	0.23 (0.073)	0.37 (0.074)	1.1 (0.074)	9.9 (0.16)	0.17 (0.076)	0.77 (0.042)	0.64 (0.038)	12 (0.42)	0.65 (0.016)	3.4 (0.08)	9 (0.78)	0.093 (0.038)
Pyrene	96000	2200	0.58 (0.074)	0.4 (0.073)	0.35 (0.074)	0.95 (0.074)	2.9 (0.16)	0.31 (0.076)	0.41 (0.042)	0.33 (0.038)	U (0.42)	0.65 (0.016)	7.8 (0.08)	31 (0.78)	0.17 (0.038)
Metals															
Lead	1000	450	42.4 (2.21)	22.1 (2.09)	78.8 (2.16)	437 (2.28)	528 (2.37)	26.5 (2.18)	66.6 (2.48)	88.1 (2.2)	410 (2.45)	126 (2.34)	69.9 (2.39)	71.3 (2.27)	54.6 (2.23)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-K09-C	104-K10-C1	104-K10-C2	104-K11-C	104-K12-C1	104-K12-C2	104-K13-C	104-K14-C	104-K15-C	104-K18-C	104-L05-C	104-L07-C	104-L08-C
Field Sample ID	Value (0-2 ft bgs)	Value	104-K09-C-COMP	104-K10-C1-COMP	104-K10-C2-COMP	104-K11-C-COMP	104-K12-C1-COMP	104-K12-C2-COMP	104-K13-C-COMP	104-K14-C-COMP	104-K15-C-COMP	104-K18-C-COMP	104-L05-C-COMP	104-L07-C-COMP	104-L08-C-COMP
Sample Date	(mg/kg)	(mg/kg)	3/4/2021	3/4/2021	3/4/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/8/2021	3/5/2021	3/5/2021	3/8/2021
PAHs															
Anthracene	190000	350	0.37 (0.043)	0.39 (0.19)	0.089 (0.023)	0.6 (0.043)	0.18 (0.038)	1.3 (0.079)	0.14 (0.038)	0.98 (0.14)	0.82 (0.041)	0.65 (0.076)	0.38 (0.037)	0.17 (0.04)	0.38 (0.078)
Benzo(a)anthracene	130	340	0.63 (0.043)	0.26 (0.19)	0.12 (0.023)	0.92 (0.043)	1.6 (0.038)	2.4 (0.079)	0.52 (0.038)	3.5 (0.14)	2.3 (0.041)	4.2 (0.076)	0.36 (0.037)	0.99 (0.04)	1 (0.078)
Benzo(a)pyrene	91	46	0.71 (0.043)	0.2 (0.19)	0.14 (0.023)	0.74 (0.043)	1.4 (0.038)	2.2 (0.079)	0.55 (0.038)	4.1 (0.14)	2.2 (0.041)	5.9 (0.076)	0.67 (0.037)	1.3 (0.04)	0.82 (0.078)
Benzo(b)fluoranthene	76	170	0.72 (0.043)	0.26 (0.19)	0.1 (0.023)	0.8 (0.043)	1.6 (0.038)	2.1 (0.079)	0.58 (0.038)	4.5 (0.14)	2.8 (0.041)	6.7 (0.076)	0.54 (0.037)	1.4 (0.04)	0.82 (0.078)
Benzo(g,h,i)perylene	190000	180	0.54 (0.043)	0.17 J (0.19)	0.059 (0.023)	0.38 (0.043)	0.77 (0.038)	1.3 (0.079)	0.48 (0.038)	3.1 (0.14)	1.4 (0.041)	4.8 (0.076)	0.66 (0.037)	0.67 (0.04)	0.57 (0.078)
Chrysene	760	230	0.96 (0.043)	0.84 (0.19)	0.23 (0.023)	0.8 (0.043)	1.2 (0.038)	2.6 (0.079)	0.61 (0.038)	3.8 (0.14)	2 (0.041)	4.1 (0.076)	0.42 (0.037)	0.89 (0.04)	1.1 (0.078)
Fluorene	130000	3800	0.66 (0.043)	0.97 (0.19)	0.16 (0.023)	0.66 (0.043)	0.076 (0.038)	0.42 (0.079)	0.12 (0.038)	0.47 (0.14)	0.34 (0.041)	0.15 (0.076)	1 (0.037)	0.063 (0.04)	0.2 (0.078)
Naphthalene	66	25	0.37 (0.043)	0.22 (0.19)	0.049 (0.023)	0.42 (0.043)	0.54 (0.038)	0.49 (0.079)	0.091 (0.038)	1.2 (0.14)	0.27 (0.041)	2.4 (0.076)	0.16 (0.037)	0.098 (0.04)	0.18 (0.078)
Phenanthrene	190000	10000	1.3 (0.043)	1.5 (0.19)	0.27 (0.023)	1.9 (0.043)	0.4 (0.038)	1.2 (0.079)	0.46 (0.038)	3 (0.14)	2.8 (0.041)	2.6 (0.076)	2.8 (0.037)	0.39 (0.04)	0.44 (0.078)
Pyrene	96000	2200	1.2 (0.043)	0.86 (0.19)	0.27 (0.023)	0.9 (0.043)	1.5 (0.038)	4.4 (0.079)	0.84 (0.038)	6.5 (0.14)	3.4 (0.041)	5.7 (0.076)	0.37 (0.037)	1 (0.04)	1.8 (0.078)
Metals															
Lead	1000	450	108 (2.5)	204 (2.34)	103 (2.33)	62 (2.48)	56.7 (2.25)	46.3 (2.28)	62.2 (2.26)	207 (2.15)	99.3 (2.37)	58.9 (2.2)	84.1 (2.22)	97.6 (2.29)	18 (2.28)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	104-L09-C1	104-L09-C2	104-L10-C	104-L11-C	104-L12-C	104-L16-C	104-M05-C	104-M06-C	104-M07-C	104-M09-C	104-N21-C	104-O22-C	LS-A-A01-C1
Field Sample ID	Value (0-2 ft bgs)	Value	104-L09-C1-COMP	104-L09-C2-COMP	104-L10-C-COMP	104-L11-C-COMP	104-L12-C-COMP	104-L16-C-COMP	104-M05-C-COMP	104-M06-C-COMP	104-M07-C-COMP	104-M09-C-COMP	104-N21-C-COMP	104-O22-C-COMP	LS-A-A01
Sample Date	(mg/kg)	(mg/kg)	3/4/2021	3/4/2021	3/3/2021	3/5/2021	3/3/2021	3/9/2021	3/5/2021	3/5/2021	3/5/2021	3/3/2021	3/9/2021	3/9/2021	5/1/2023
PAHs															
Anthracene	190000	350	0.026 J (0.036)	0.016 J (0.04)	1.8 (0.15)	1.6 (0.073)	4 (0.18)	0.36 (0.039)	0.011 J (0.038)	0.0069 J (0.0073)	1 (0.039)	0.53 (0.035)	0.85 (0.076)	0.038 (0.037)	0.17 (0.12)
Benzo(a)anthracene	130	340	0.13 (0.036)	0.15 (0.04)	6 (0.15)	2.6 (0.073)	7.6 (0.18)	2.2 (0.039)	0.048 (0.038)	0.024 (0.0073)	3.1 (0.039)	1.7 (0.035)	3.3 (0.076)	0.091 (0.037)	0.48 (0.12)
Benzo(a)pyrene	91	46	0.15 (0.036)	0.13 (0.04)	5.2 (0.15)	1.8 (0.073)	6.5 (0.18)	1.6 (0.039)	0.059 (0.038)	0.025 (0.0073)	3.8 (0.039)	1.6 (0.035)	3.6 (0.076)	0.078 (0.037)	0.52 (0.16)
Benzo(b)fluoranthene	76	170	0.21 (0.036)	0.16 (0.04)	5.3 (0.15)	1.9 (0.073)	6.9 (0.18)	2.1 (0.039)	0.069 (0.038)	0.027 (0.0073)	3.7 (0.039)	1.7 (0.035)	4 (0.076)	0.083 (0.037)	0.66 (0.12)
Benzo(g,h,i)perylene	190000	180	0.1 (0.036)	0.065 (0.04)	2.2 (0.15)	0.93 (0.073)	3.6 (0.18)	1.1 (0.039)	0.048 (0.038)	0.012 (0.0073)	1.8 (0.039)	1.1 (0.035)	2.1 (0.076)	0.12 (0.037)	0.35 (0.16)
Chrysene	760	230	0.15 (0.036)	0.13 (0.04)	4.7 (0.15)	1.6 (0.073)	6.6 (0.18)	1.9 (0.039)	0.05 (0.038)	0.024 (0.0073)	2.8 (0.039)	1.6 (0.035)	3.6 (0.076)	0.088 (0.037)	0.47 (0.12)
Fluorene	130000	3800	0.0095 J (0.036)	U (0.04)	1.4 (0.15)	1.7 (0.073)	1.4 (0.18)	0.14 (0.039)	0.0053 J (0.038)	0.0057 J (0.0073)	0.71 (0.039)	0.27 (0.035)	0.39 (0.076)	0.014 J (0.037)	0.053 J (0.2)
Naphthalene	66	25	0.017 J (0.036)	0.039 J (0.04)	0.91 (0.15)	0.54 (0.073)	2 (0.18)	2.3 (0.039)	0.04 (0.038)	0.0038 J (0.0073)	0.48 (0.039)	0.58 (0.035)	0.49 (0.076)	0.039 (0.037)	0.073 (0.039)
Phenanthrene	190000	10000	0.11 (0.036)	0.047 (0.04)	4.2 (0.15)	4.7 (0.073)	9.5 (0.18)	2.2 (0.039)	0.033 J (0.038)	0.02 (0.0073)	2 (0.039)	1.8 (0.035)	4 (0.076)	0.082 (0.037)	0.58 (0.12)
Pyrene	96000	2200	0.21 (0.036)	0.16 (0.04)	6.8 (0.15)	3.1 (0.073)	11 (0.18)	2.5 (0.039)	0.059 (0.038)	0.035 (0.0073)	3.5 (0.039)	2.8 (0.035)	6 (0.076)	0.21 (0.037)	0.81 (0.12)
Metals															
Lead	1000	450	22.6 (2.06)	320 (2.44)	136 (2.26)	54.5 (2.14)	32.3 (2.15)	5.08 (2.32)	29.9 (2.25)	7.05 (2.17)	82 (2.23)	27 (2.08)	78.1 (2.26)	28.7 (2.09)	994 (2.25)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	LS-A-A01-C2	LS-A-A01-C3	LS-A-A02-C1	LS-A-A02-C2	LS-A-A03-C1	LS-A-A03-C2	LS-A-A04-C1	LS-A-A04-C2	LS-A-A05-C1	LS-A-A05-C2	LS-A-B01-C1	LS-A-B01-C2	LS-A-B02-C1
			LS-A-A01	LS-A-A01	LS-A-A02	LS-A-A02	LS-A-A03	LS-A-A03	LS-A-A04	LS-A-A04	LS-A-A05	LS-A-A05	LS-A-B01	LS-A-B01	LS-A-B02
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-A01-C2-COMP	LS-A-A01-C3-COMP	LS-A-A02-C1-COMP	LS-A-A02-C2-COMP	LS-A-A03-C1-COMP	LS-A-A03-C2-COMP	LS-A-A04-C1-COMP	LS-A-A04-C2-COMP	LS-A-A05-C1-COMP	LS-A-A05-C2-COMP	LS-A-B01-C1-COMP	LS-A-B01-C2-COMP	LS-A-B02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/1/2023	5/2/2023
PAHs															
Anthracene	190000	350	1.4 (0.12)	3.5 (0.12)	0.24 (0.11)	0.45 (0.12)	0.4 (0.12)	0.68 (0.12)	0.45 (0.11)	1.2 (0.12)	170 (9.2)	17 (1.2)	11 (0.6)	74 (1.3)	6 (0.11)
Benzo(a)anthracene	130	340	3.4 (0.12)	7.4 (0.12)	0.67 (0.11)	1.1 (0.12)	1.3 (0.12)	1.9 (0.12)	1.3 (0.11)	2 (0.12)	200 (9.2)	33 (1.2)	19 (0.6)	150 (13)	14 (1.1)
Benzo(a)pyrene	91	46	3.2 (0.16)	6 (0.17)	0.66 (0.15)	1.1 (0.16)	1.3 (0.16)	1.5 (0.16)	1.3 (0.15)	1.8 (0.16)	190 (12)	25 (1.6)	15 (0.8)	78 (1.7)	11 (1.5)
Benzo(b)fluoranthene	76	170	3.8 (0.12)	8.3 (0.12)	0.8 (0.11)	1.3 (0.12)	1.5 (0.12)	1.9 (0.12)	1.5 (0.11)	2.1 (0.12)	200 (9.2)	28 (1.2)	18 (0.6)	130 (13)	15 (1.1)
Benzo(g,h,i)perylene	190000	180	2 (0.16)	3.9 (0.17)	0.36 (0.15)	0.6 (0.16)	0.68 (0.16)	0.84 (0.16)	0.71 (0.15)	1 (0.16)	82 (12)	13 (1.6)	8.1 (0.8)	42 (1.7)	5.9 (0.15)
Chrysene	760	230	3.3 (0.12)	6.9 (0.12)	0.66 (0.11)	1.2 (0.12)	1.2 (0.12)	1.7 (0.12)	1.2 (0.11)	1.8 (0.12)	170 (9.2)	27 (1.2)	17 (0.6)	85 (1.3)	12 (1.1)
Fluorene	130000	3800	0.41 (0.19)	1.7 (0.21)	0.093 J (0.18)	0.19 (0.19)	0.13 J (0.2)	0.31 (0.2)	0.16 J (0.19)	0.98 (0.2)	120 (15)	9.8 (2)	8 (1)	62 (2.1)	3.5 (0.19)
Naphthalene	66	25	0.27 (0.039)	1.5 (0.042)	0.1 (0.037)	0.41 (0.039)	0.065 (0.039)	0.28 (0.039)	0.086 (0.038)	0.35 (0.04)	61 (3)	6.1 (0.4)	4.6 (0.2)	32 (0.43)	2.9 (0.037)
Phenanthrene	190000	10000	5.2 (0.12)	19 (0.63)	1 (0.11)	2.2 (0.12)	1.5 (0.12)	2.6 (0.12)	1.8 (0.11)	5.7 (0.12)	610 (9.2)	51 (1.2)	36 (0.6)	390 (13)	20 (1.1)
Pyrene	96000	2200	6.1 (0.12)	16 (0.63)	1.2 (0.11)	2.2 (0.12)	2.1 (0.12)	2.8 (0.12)	2.2 (0.11)	4.3 (0.12)	370 (9.2)	53 (1.2)	29 (0.6)	260 (13)	21 (1.1)
Metals															
Lead	1000	450	17500 (46.4)	5380 (49)	65.3 (2.15)	1520 (2.29)	244 (2.32)	687 (2.34)	121 (2.24)	153 (2.36)	61.8 (2.23)	158 (2.33)	346 (2.39)	16800 (49.3)	79.8 (2.15)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-B03-C1	LS-A-C01-C1	LS-A-C01-C2	LS-A-C02-C1	LS-A-C02-C2	LS-A-C03-C1	LS-A-C03-C2	LS-A-C04-C1	LS-A-C05-C1	LS-A-D01-C1	LS-A-D01-C2	LS-A-D01-C3	LS-A-D01-C4
			LS-A-B03	LS-A-C01	LS-A-C01	LS-A-C02	LS-A-C02	LS-A-C03	LS-A-C03	LS-A-C04	LS-A-C05	LS-A-D01	LS-A-D01	LS-A-D01	LS-A-D01
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-B03-C1-COMP	LS-A-C01-C1-COMP	LS-A-C01-C2-COMP	LS-A-C02-C1-COMP	LS-A-C02-C2-COMP	LS-A-C03-C1-COMP	LS-A-C03-C2-COMP	LS-A-C04-C1-COMP	LS-A-C05-C1-COMP	LS-A-D01-C1-COMP	LS-A-D01-C2-COMP	LS-A-D01-C3-COMP	LS-A-D01-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/2/2023	5/3/2023	5/23/2023	5/23/2023	5/23/2023	5/23/2023
PAHs															
Anthracene	190000	350	0.064 J (0.11)	0.69 (0.12)	0.19 (0.11)	0.4 (0.11)	0.1 J (0.11)	0.52 J (0.57)	0.33 J (0.54)	U (0.11)	0.051 J (0.11)	0.6 (0.54)	0.79 (0.13)	U (0.12)	0.85 (0.54)
Benzo(a)anthracene	130	340	0.64 (0.11)	1.5 (0.12)	0.056 J (0.11)	1 (0.11)	0.29 (0.11)	0.82 (0.57)	0.34 J (0.54)	U (0.11)	0.066 J (0.11)	0.65 (0.54)	0.62 (0.13)	0.088 J (0.12)	0.71 (0.54)
Benzo(a)pyrene	91	46	0.86 (0.15)	1.5 (0.16)	U (0.15)	1.2 (0.15)	0.28 (0.15)	0.81 (0.76)	U (0.72)	U (0.14)	0.075 J (0.15)	0.48 J (0.72)	0.45 (0.17)	0.08 J (0.16)	0.56 J (0.72)
Benzo(b)fluoranthene	76	170	1.1 (0.11)	1.8 (0.12)	0.049 J (0.11)	1.4 (0.11)	0.31 (0.11)	0.75 (0.57)	U (0.54)	U (0.11)	0.072 J (0.11)	0.38 J (0.54)	0.34 (0.13)	0.093 J (0.12)	0.48 J (0.54)
Benzo(g,h,i)perylene	190000	180	0.51 (0.15)	0.77 (0.16)	0.026 J (0.15)	0.69 (0.15)	0.23 (0.15)	0.49 J (0.76)	U (0.72)	U (0.14)	0.14 J (0.15)	0.37 J (0.72)	0.35 (0.17)	0.068 J (0.16)	0.47 J (0.72)
Chrysene	760	230	0.79 (0.11)	1.5 (0.12)	0.062 J (0.11)	1 (0.11)	0.3 (0.11)	2 (0.57)	0.94 (0.54)	U (0.11)	0.16 (0.11)	1 (0.54)	1.2 (0.13)	0.1 J (0.12)	1.2 (0.54)
Fluorene	130000	3800	0.022 J (0.19)	0.31 (0.19)	0.49 (0.19)	0.057 J (0.19)	0.047 J (0.18)	2.5 (0.95)	1.3 (0.9)	U (0.18)	0.16 J (0.19)	1.3 (0.9)	1.6 (0.22)	0.027 J (0.2)	2.1 (0.9)
Naphthalene	66	25	U (0.038)	0.33 (0.039)	0.058 (0.038)	0.085 (0.037)	0.14 (0.037)	0.25 (0.19)	U (0.18)	U (0.035)	0.31 (0.038)	0.16 J (0.18)	0.68 (0.044)	U (0.041)	0.87 (0.18)
Phenanthrene	190000	10000	0.35 (0.11)	2.7 (0.12)	1.1 (0.11)	0.69 (0.11)	0.34 (0.11)	5.6 (0.57)	4.6 (0.54)	U (0.11)	0.37 (0.11)	4.3 (0.54)	4.2 (0.13)	0.11 J (0.12)	5.3 (0.54)
Pyrene	96000	2200	0.94 (0.11)	2.3 (0.12)	0.16 (0.11)	1.5 (0.11)	0.4 (0.11)	1.5 (0.57)	0.61 (0.54)	U (0.11)	0.15 (0.11)	0.99 (0.54)	1.3 (0.13)	0.14 (0.12)	1.7 (0.54)
Metals															
Lead	1000	450	36.2 (2.27)	291 (2.2)	51.6 (2.29)	96.4 (2.23)	277 (2.21)	177 (2.24)	15.4 (2.08)	7.87 (2.09)	15.1 (2.21)	122 (2.12)	550 (2.54)	98.1 (2.43)	171 (2.2)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-D02-C1	LS-A-D02-C2	LS-A-D02-C3	LS-A-D02-C4	LS-A-D03-C1	LS-A-D03-C2	LS-A-D04-C1	LS-A-D04-C2	LS-A-D04-C3	LS-A-D04-C4	LS-A-D04-C5	LS-A-D05-C1	LS-A-D05-C2
			LS-A-D02	LS-A-D02	LS-A-D02	LS-A-D02	LS-A-D03	LS-A-D03	LS-A-D04	LS-A-D04	LS-A-D04	LS-A-D04	LS-A-D04	LS-A-D04	LS-A-D05
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-D02-C1-COMP	LS-A-D02-C2-COMP	LS-A-D02-C3-COMP	LS-A-D02-C4-COMP	LS-A-D03-C1-COMP	LS-A-D03-C2-COMP	LS-A-D04-C1-COMP	LS-A-D04-C2-COMP	LS-A-D04-C3-COMP	LS-A-D04-C4-COMP	LS-A-D04-C5-COMP	LS-A-D05-C1-COMP	LS-A-D05-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/3/2023	5/4/2023
PAHs															
Anthracene	190000	350	0.13 (0.11)	0.62 (0.11)	0.065 J (0.12)	0.37 J (1.1)	0.11 (0.11)	U (0.11)	0.12 (0.11)	0.052 J (0.11)	0.35 (0.11)	1.9 (0.12)	0.16 (0.11)	0.65 J (1.2)	U (0.12)
Benzo(a)anthracene	130	340	0.47 (0.11)	2.5 (0.11)	0.18 (0.12)	0.33 J (1.1)	0.13 (0.11)	0.11 (0.11)	0.48 (0.11)	0.12 (0.11)	0.89 (0.11)	1.7 (0.12)	0.21 (0.11)	4.2 (1.2)	0.1 J (0.12)
Benzo(a)pyrene	91	46	0.6 (0.15)	2.8 (0.15)	0.18 (0.15)	U (1.5)	0.098 J (0.15)	0.2 (0.15)	0.68 (0.15)	0.14 J (0.15)	0.98 (0.15)	1.6 (0.15)	0.21 (0.15)	3.7 (1.5)	0.13 J (0.16)
Benzo(b)fluoranthene	76	170	0.66 (0.11)	3.4 (0.11)	0.23 (0.12)	U (1.1)	0.1 J (0.11)	0.2 (0.11)	0.69 (0.11)	0.14 (0.11)	0.74 (0.11)	1.3 (0.12)	0.26 (0.11)	2.6 (1.2)	0.11 J (0.12)
Benzo(g,h,i)perylene	190000	180	0.55 (0.15)	1.9 (0.15)	0.14 J (0.15)	U (1.5)	0.081 J (0.15)	0.14 J (0.15)	0.68 (0.15)	0.18 (0.15)	1.4 (0.15)	1.3 (0.15)	0.18 (0.15)	2.3 (1.5)	0.2 (0.16)
Chrysene	760	230	0.54 (0.11)	2.7 (0.11)	0.19 (0.12)	0.61 J (1.1)	0.17 (0.11)	0.12 (0.11)	0.46 (0.11)	0.17 (0.11)	1.2 (0.11)	2.4 (0.12)	0.34 (0.11)	8.4 (1.2)	0.12 (0.12)
Fluorene	130000	3800	0.044 J (0.19)	0.33 (0.19)	0.21 (0.19)	1.8 (1.8)	0.17 J (0.18)	U (0.19)	0.023 J (0.18)	0.031 J (0.18)	0.2 (0.19)	1.6 (0.19)	0.16 J (0.19)	0.59 J (1.9)	U (0.2)
Naphthalene	66	25	0.33 (0.038)	0.63 (0.038)	0.59 (0.038)	4 (0.37)	0.071 (0.037)	0.025 J (0.038)	0.28 (0.037)	0.12 (0.037)	0.56 (0.038)	1.7 (0.038)	0.14 (0.038)	0.25 J (0.38)	0.074 (0.039)
Phenanthrene	190000	10000	0.51 (0.11)	2.6 (0.11)	0.49 (0.12)	3 (1.1)	0.82 (0.11)	0.08 J (0.11)	0.24 (0.11)	0.18 (0.11)	1 (0.11)	4 (0.12)	0.47 (0.11)	2.5 (1.2)	0.085 J (0.12)
Pyrene	96000	2200	0.67 (0.11)	3.4 (0.11)	0.27 (0.12)	0.6 J (1.1)	0.44 (0.11)	0.12 (0.11)	0.51 (0.11)	0.23 (0.11)	1.6 (0.11)	4.1 (0.12)	0.42 (0.11)	5 (1.2)	0.13 (0.12)
Metals															
Lead	1000	450	105 (2.19)	1120 (2.22)	352 (2.26)	82.8 (2.25)	90.8 (2.19)	43.6 (2.24)	105 (2.23)	180 (2.12)	98.1 (2.21)	88.6 (2.28)	336 (2.22)	488 (2.34)	53.7 (2.27)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-D05-C3	LS-A-D05-C4	LS-A-D06-C1	LS-A-D06-C2	LS-A-D06-C3	LS-A-D06-C4	LS-A-D06-C5	LS-A-D07-C1	LS-A-D07-C2	LS-A-D07-C3	LS-A-D07-C4	LS-A-D07-C5	LS-A-E02-C1	
			LS-A-D05	LS-A-D05	LS-A-D06	LS-A-D06	LS-A-D06	LS-A-D06	LS-A-D06	LS-A-D06	LS-A-D07	LS-A-D07	LS-A-D07	LS-A-D07	LS-A-D07	LS-A-E02
			Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-D05-C3-COMP	LS-A-D05-C4-COMP	LS-A-D06-C1-COMP	LS-A-D06-C2-COMP	LS-A-D06-C3-COMP	LS-A-D06-C4-COMP	LS-A-D06-C5-COMP	LS-A-D07-C1-COMP	LS-A-D07-C2-COMP	LS-A-D07-C3-COMP	LS-A-D07-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/4/2023	5/5/2023	
PAHs																
Anthracene	190000	350	0.17 (0.12)	U (0.11)	0.12 (0.11)	0.15 (0.11)	0.23 (0.11)	0.37 (0.12)	0.26 (0.12)	1.9 (0.11)	2.5 (1.1)	0.23 (0.11)	0.38 (0.11)	0.13 (0.11)	U (0.11)	
Benzo(a)anthracene	130	340	0.75 (0.12)	0.12 (0.11)	0.32 (0.11)	0.15 (0.11)	0.14 (0.11)	0.29 (0.12)	0.16 (0.12)	3.8 (0.11)	0.71 J (1.1)	0.092 J (0.11)	0.12 (0.11)	1.5 (0.11)	0.1 J (0.11)	
Benzo(a)pyrene	91	46	0.77 (0.16)	0.69 (0.15)	0.32 (0.15)	0.19 (0.15)	0.25 (0.15)	0.39 (0.16)	0.18 (0.15)	3.7 (0.15)	0.54 J (1.5)	U (0.14)	0.11 J (0.15)	0.9 (0.15)	0.11 J (0.14)	
Benzo(b)fluoranthene	76	170	0.94 (0.12)	0.31 (0.11)	0.34 (0.11)	0.13 (0.11)	0.14 (0.11)	0.3 (0.12)	0.087 J (0.12)	3.9 (0.11)	0.4 J (1.1)	U (0.11)	0.075 J (0.11)	0.91 (0.11)	0.13 (0.11)	
Benzo(g,h,i)perylene	190000	180	0.51 (0.16)	0.94 (0.15)	0.21 (0.15)	0.17 (0.15)	0.32 (0.15)	0.34 (0.16)	0.24 (0.15)	1.5 (0.15)	0.36 J (1.5)	0.15 (0.14)	0.1 J (0.15)	0.38 (0.15)	0.063 J (0.14)	
Chrysene	760	230	0.84 (0.12)	0.51 (0.11)	0.32 (0.11)	0.22 (0.11)	0.28 (0.11)	0.54 (0.12)	0.24 (0.12)	3.5 (0.11)	0.82 J (1.1)	0.3 (0.11)	0.15 (0.11)	3.1 (0.11)	0.092 J (0.11)	
Fluorene	130000	3800	0.1 J (0.19)	U (0.18)	0.032 J (0.19)	0.19 (0.19)	0.47 (0.19)	0.63 (0.19)	0.35 (0.19)	0.5 (0.19)	3.6 (1.8)	1.1 (0.18)	0.69 (0.19)	0.23 (0.18)	U (0.18)	
Naphthalene	66	25	0.043 (0.039)	U (0.037)	0.057 (0.038)	0.76 (0.038)	2.2 (0.038)	3.1 (0.039)	1.6 (0.039)	0.69 (0.038)	0.41 (0.37)	U (0.036)	0.13 (0.038)	0.23 (0.037)	U (0.036)	
Phenanthrene	190000	10000	0.53 (0.12)	0.029 J (0.11)	0.56 (0.11)	0.62 (0.11)	0.76 (0.11)	1.3 (0.12)	0.76 (0.12)	8.9 (1.1)	9.7 (1.1)	1.4 (0.11)	1.7 (0.11)	0.65 (0.11)	0.09 J (0.11)	
Pyrene	96000	2200	1.1 (0.12)	0.22 (0.11)	0.49 (0.11)	0.4 (0.11)	0.39 (0.11)	0.79 (0.12)	0.47 (0.12)	7.1 (0.11)	4.7 (1.1)	0.32 (0.11)	0.7 (0.11)	0.65 (0.11)	0.14 (0.11)	
Metals																
Lead	1000	450	122 (2.34)	36.9 (2.18)	156 (2.24)	194 (2.27)	684 (2.22)	158 (2.31)	489 (2.32)	274 (2.25)	145 (2.09)	177 (2.11)	70.6 (2.15)	104 (2.12)	83.7 (2.13)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-E02-C2	LS-A-E02-C3	LS-A-E02-C4	LS-A-E02-C5	LS-A-E03-C1	LS-A-E03-C2	LS-A-E03-C3	LS-A-E03-C4	LS-A-E03-C5	LS-A-E04-C1	LS-A-E04-C2	LS-A-E05-C1	LS-A-E05-C2	
			LS-A-E02	LS-A-E02	LS-A-E02	LS-A-E02	LS-A-E03	LS-A-E03	LS-A-E03	LS-A-E03	LS-A-E03	LS-A-E04	LS-A-E04	LS-A-E05	LS-A-E05	
			LS-A-E02-C2-COMP	LS-A-E02-C3-COMP	LS-A-E02-C4-COMP	LS-A-E02-C5-COMP	LS-A-E03-C1-COMP	LS-A-E03-C2-COMP	LS-A-E03-C3-COMP	LS-A-E03-C4-COMP	LS-A-E03-C5-COMP	LS-A-E04-C1-COMP	LS-A-E04-C2-COMP	LS-A-E05-C1-COMP	LS-A-E05-C2-COMP	
Field Sample ID	Value (0-2 ft bgs)	Value	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	5/5/2023	
Sample Date	(mg/kg)	(mg/kg)														
PAHs																
Anthracene	190000	350	U (0.11)	U (0.11)	U (1.1)	U (1.2)	U (0.12)	U (0.13)	U (1.2)	U (1.2)	0.33 J (0.6)	0.63 J (1.1)	0.42 J (0.56)	1.5 (1.2)	4.5 (1.2)	
Benzo(a)anthracene	130	340	0.067 J (0.11)	0.12 (0.11)	0.24 J (1.1)	0.39 J (1.2)	0.054 J (0.12)	0.029 J (0.13)	U (1.2)	0.44 J (1.2)	0.36 J (0.6)	0.41 J (1.1)	1 (0.56)	3 (1.2)	7.7 (1.2)	
Benzo(a)pyrene	91	46	0.074 J (0.14)	0.12 J (0.14)	U (1.4)	0.63 J (1.5)	0.078 J (0.16)	U (0.17)	U (1.6)	0.66 J (1.6)	U (0.79)	U (1.5)	1 (0.75)	2.4 (1.6)	4.4 (1.6)	
Benzo(b)fluoranthene	76	170	0.083 J (0.11)	0.14 (0.11)	U (1.1)	U (1.2)	0.056 J (0.12)	0.042 J (0.13)	U (1.2)	0.38 J (1.2)	0.24 J (0.6)	U (1.1)	0.75 (0.56)	1.5 (1.2)	2.1 (1.2)	
Benzo(g,h,i)perylene	190000	180	0.053 J (0.14)	0.075 J (0.14)	0.21 J (1.4)	0.49 J (1.5)	0.073 J (0.16)	0.038 J (0.17)	U (1.6)	0.72 J (1.6)	0.12 J (0.79)	U (1.5)	0.59 J (0.75)	1.3 J (1.6)	2.8 (1.6)	
Chrysene	760	230	0.065 J (0.11)	0.11 (0.11)	0.4 J (1.1)	0.69 J (1.2)	0.075 J (0.12)	0.027 J (0.13)	0.24 J (1.2)	0.61 J (1.2)	0.72 (0.6)	0.88 J (1.1)	2.2 (0.56)	5 (1.2)	13 (1.2)	
Fluorene	130000	3800	U (0.18)	U (0.18)	U (1.8)	0.59 J (1.9)	0.03 J (0.19)	U (0.22)	U (1.9)	0.29 J (2)	0.78 J (0.99)	1.4 J (1.9)	0.46 J (0.94)	1.8 J (2.1)	11 (1.9)	
Naphthalene	66	25	U (0.036)	U (0.036)	U (0.36)	U (0.39)	U (0.039)	0.029 J (0.043)	0.37 J (0.39)	0.39 (0.39)	U (0.2)	0.27 J (0.38)	0.32 (0.19)	0.99 (0.41)	1.5 (0.39)	
Phenanthrene	190000	10000	0.058 J (0.11)	0.11 (0.11)	0.26 J (1.1)	1.3 (1.2)	0.069 J (0.12)	0.044 J (0.13)	0.25 J (1.2)	1.2 (1.2)	3.2 (0.6)	4.8 (1.1)	2 (0.56)	7.4 (1.2)	39 (1.2)	
Pyrene	96000	2200	0.11 (0.11)	0.17 (0.11)	0.75 J (1.1)	1.8 (1.2)	0.16 (0.12)	0.04 J (0.13)	0.27 J (1.2)	0.51 J (1.2)	1 (0.6)	1.1 (1.1)	1.6 (0.56)	6.7 (1.2)	17 (1.2)	
Metals																
Lead	1000	450	22.3 (2.1)	216 (2.12)	53.7 (2.17)	56.1 (2.3)	62.9 (2.27)	381 (2.49)	58.7 (2.28)	256 (2.34)	54.4 (2.34)	133 (2.23)	82.5 (2.23)	634 (2.4)	222 (2.29)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	LS-A-E05-C3	LS-A-E06-C1	LS-A-E06-C2	LS-A-E07-C1	LS-A-E08-C1	LS-A-E08-C2	LS-A-E08-C3	LS-A-F01-C1	LS-A-F03-C1	LS-A-F04-C1	LS-A-F05-C1	LS-A-G01-C1	LS-A-G01-C2	
			LS-A-E05	LS-A-E06	LS-A-E06	LS-A-E07	LS-A-E08	LS-A-E08	LS-A-E08	LS-A-F01	LS-A-F03	LS-A-F04	LS-A-F05	LS-A-G01	LS-A-G01	
			Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-E05-C3-COMP	LS-A-E06-C1-COMP	LS-A-E06-C2-COMP	LS-A-E07-C1-COMP	LS-A-E08-C1-COMP	LS-A-E08-C2-COMP	LS-A-E08-C3-COMP	LS-A-F01-C1-COMP	LS-A-F03-C1-COMP	LS-A-F04-C1-COMP	LS-A-F05-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/5/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/8/2023	5/9/2023	5/8/2023	5/25/2023	5/25/2023	5/22/2023	5/22/2023	
PAHs																
Anthracene	190000	350	1.2 (0.61)	0.21 (0.11)	0.15 (0.11)	0.16 (0.12)	0.14 (0.13)	0.19 (0.12)	0.093 J (0.12)	0.72 (0.55)	0.44 (0.12)	0.3 (0.11)	0.28 (0.11)	U (0.1)	0.067 J (0.1)	
Benzo(a)anthracene	130	340	1.3 (0.61)	0.31 (0.11)	0.32 (0.11)	1.3 (0.12)	0.16 (0.13)	0.56 (0.12)	0.057 J (0.12)	4 (0.55)	0.64 (0.12)	0.88 (0.11)	1.2 (0.11)	U (0.1)	0.2 (0.1)	
Benzo(a)pyrene	91	46	0.65 J (0.81)	0.31 (0.15)	0.35 (0.14)	1.3 (0.15)	0.14 J (0.17)	0.39 (0.17)	U (0.16)	10 (0.74)	0.65 (0.16)	1.5 (0.15)	1.3 (0.15)	U (0.14)	0.18 (0.14)	
Benzo(b)fluoranthene	76	170	0.28 J (0.61)	0.32 (0.11)	0.34 (0.11)	0.79 (0.12)	0.16 (0.13)	0.23 (0.12)	0.034 J (0.12)	5.4 (0.55)	0.47 (0.12)	1.2 (0.11)	1.5 (0.11)	U (0.1)	0.2 (0.1)	
Benzo(g,h,i)perylene	190000	180	0.4 J (0.81)	0.21 (0.15)	0.29 (0.14)	1.6 (0.15)	0.13 J (0.17)	0.26 (0.17)	0.029 J (0.16)	10 (0.74)	0.37 (0.16)	1.1 (0.15)	0.84 (0.15)	U (0.14)	0.13 J (0.14)	
Chrysene	760	230	2.2 (0.61)	0.39 (0.11)	0.43 (0.11)	2 (0.12)	0.22 (0.13)	1.1 (0.12)	0.091 J (0.12)	4.8 (0.55)	1.4 (0.12)	1.4 (0.11)	1.1 (0.11)	U (0.1)	0.2 (0.1)	
Fluorene	130000	3800	2.9 (1)	0.31 (0.19)	0.18 (0.18)	0.067 J (0.19)	0.23 (0.22)	0.34 (0.21)	0.25 (0.2)	1.2 (0.92)	0.83 (0.2)	0.29 (0.18)	0.073 J (0.19)	U (0.17)	0.03 J (0.17)	
Naphthalene	66	25	0.62 (0.2)	0.069 (0.037)	0.072 (0.036)	0.051 (0.038)	0.099 (0.044)	0.048 (0.042)	0.044 (0.039)	0.25 (0.18)	0.048 (0.04)	0.22 (0.037)	0.14 (0.037)	U (0.034)	0.042 (0.034)	
Phenanthrene	190000	10000	6.3 (0.61)	0.46 (0.11)	0.31 (0.11)	0.16 (0.12)	0.5 (0.13)	0.74 (0.12)	0.26 (0.12)	1.8 (0.55)	5.6 (0.12)	0.84 (0.11)	1.1 (0.11)	U (0.1)	0.18 (0.1)	
Pyrene	96000	2200	2.7 (0.61)	0.51 (0.11)	0.54 (0.11)	1.1 (0.12)	0.35 (0.13)	0.86 (0.12)	0.13 (0.12)	3.3 (0.55)	1.2 (0.12)	1.4 (0.11)	1.9 (0.11)	U (0.1)	0.27 (0.1)	
Metals																
Lead	1000	450	314 (2.33)	96.7 (2.15)	148 (2.07)	75.6 (2.24)	238 (2.55)	171 (2.45)	81 (2.27)	143 (2.17)	409 (2.4)	252 (2.19)	649 (2.21)	3.81 (2.04)	64 (2.04)	

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	LS-A-G01-C3	LS-A-G02-C1	LS-A-G02-C2	LS-A-G02-C3	LS-A-G03-C1	LS-A-G03-C2	LS-A-G04-C1	LS-A-G04-C2	LS-A-G04-C3	LS-A-G05-C1	LS-A-G05-C2	LS-A-G05-C3	LS-A-G05-C4
			LS-A-G01	LS-A-G02	LS-A-G02	LS-A-G02	LS-A-G03	LS-A-G03	LS-A-G04	LS-A-G04	LS-A-G04	LS-A-G05	LS-A-G05	LS-A-G05	LS-A-G05
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-G01-C3-COMP	LS-A-G02-C1-COMP	LS-A-G02-C2-COMP	LS-A-G02-C3-COMP	LS-A-G03-C1-COMP	LS-A-G03-C2-COMP	LS-A-G04-C1-COMP	LS-A-G04-C2-COMP	LS-A-G04-C3-COMP	LS-A-G05-C1-COMP	LS-A-G05-C2-COMP	LS-A-G05-C3-COMP	LS-A-G05-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	5/22/2023	5/11/2023	5/11/2023	5/11/2023	5/10/2023	5/10/2023	5/11/2023	5/11/2023	5/11/2023	5/10/2023	5/10/2023	5/10/2023	5/10/2023
PAHs															
Anthracene	190000	350	0.29 (0.1)	0.17 (0.1)	0.45 J (0.52)	1 (0.53)	0.25 (0.11)	0.41 (0.11)	14 (0.52)	12 (0.51)	3.2 (0.55)	U (0.52)	1.6 (0.56)	0.6 (0.1)	0.57 (0.1)
Benzo(a)anthracene	130	340	0.58 (0.1)	0.17 (0.1)	0.5 J (0.52)	0.43 J (0.53)	0.24 (0.11)	0.42 (0.11)	5.8 (0.52)	9.6 (0.51)	2.4 (0.55)	0.94 (0.52)	3.8 (0.56)	0.9 (0.1)	1.6 (0.1)
Benzo(a)pyrene	91	46	0.54 (0.14)	0.2 (0.14)	0.42 J (0.69)	0.35 J (0.71)	0.25 (0.14)	0.37 (0.14)	4.9 (0.7)	6.6 (0.69)	1.7 (0.74)	1.6 (0.69)	3.5 (0.75)	0.66 (0.14)	1 (0.14)
Benzo(b)fluoranthene	76	170	0.67 (0.1)	0.13 (0.1)	0.35 J (0.52)	0.31 J (0.53)	0.17 (0.11)	0.35 (0.11)	5.1 (0.52)	7.7 (0.51)	1.7 (0.55)	0.87 (0.52)	2.4 (0.56)	0.44 (0.1)	0.45 (0.1)
Benzo(g,h,i)perylene	190000	180	0.38 (0.14)	0.17 (0.14)	0.36 J (0.69)	0.3 J (0.71)	0.22 (0.14)	0.24 (0.14)	3.1 (0.7)	3.7 (0.69)	0.84 (0.74)	1.9 (0.69)	2.3 (0.75)	0.38 (0.14)	0.56 (0.14)
Chrysene	760	230	0.58 (0.1)	0.26 (0.1)	0.93 (0.52)	0.86 (0.53)	0.32 (0.11)	0.51 (0.11)	5.9 (0.52)	7.6 (0.51)	2.5 (0.55)	1.2 (0.52)	4.1 (0.56)	0.97 (0.1)	1.6 (0.1)
Fluorene	130000	3800	0.17 (0.17)	0.18 (0.17)	0.77 J (0.86)	2 (0.89)	0.36 (0.18)	0.58 (0.18)	11 (0.87)	17 (0.86)	4.3 (0.92)	U (0.86)	1.1 (0.93)	0.73 (0.17)	0.37 (0.17)
Naphthalene	66	25	0.2 (0.034)	0.064 (0.035)	0.16 J (0.17)	0.37 (0.18)	1.5 (0.036)	0.56 (0.036)	0.57 (0.17)	0.13 J (0.17)	0.23 (0.18)	0.1 J (0.17)	1.2 (0.19)	0.48 (0.035)	0.18 (0.034)
Phenanthrene	190000	10000	1 (0.1)	0.74 (0.1)	2.1 (0.52)	5.2 (0.53)	1 (0.11)	2.1 (0.11)	39 (2.6)	54 (2.6)	14 (0.55)	0.2 J (0.52)	1.2 (0.56)	1.5 (0.1)	0.7 (0.1)
Pyrene	96000	2200	0.88 (0.1)	0.49 (0.1)	1.5 (0.52)	1.1 (0.53)	0.52 (0.11)	0.95 (0.11)	20 (0.52)	34 (0.51)	7.3 (0.55)	0.7 (0.52)	4.4 (0.56)	1.5 (0.1)	2.2 (0.1)
Metals															
Lead	1000	450	116 (1.96)	39.2 (2.06)	17.4 (2.03)	50.8 (2.08)	95.1 (2.03)	23.3 (2.11)	26.5 (2.11)	10.5 (2.06)	5.7 (2.2)	96.5 (2.04)	179 (2.15)	5.6 (2.06)	6.91 (2)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	LS-A-G05-C5	LS-A-G06-C1	LS-A-G06-C2	LS-A-G07-C1	LS-A-G08-C1	LS-A-H01-C1	LS-A-H01-C2	LS-A-H01-C3	LS-A-H02-C1	LS-A-H02-C2	LS-A-H02-C3	LS-A-H02-C4	LS-A-H02-C5	
	Direct Contact	Groundwater	LS-A-G05	LS-A-G06	LS-A-G06	LS-A-G07	LS-A-G08	LS-A-H01	LS-A-H01	LS-A-H01	LS-A-H02	LS-A-H02	LS-A-H02	LS-A-H02	LS-A-H02	
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-G05-C5-COMP	LS-A-G06-C1-COMP	LS-A-G06-C2-COMP	LS-A-G07-C1-COMP	LS-A-G08-C1-COMP	LS-A-H01-C1-COMP	LS-A-H01-C2-COMP	LS-A-H01-C3-COMP	LS-A-H02-C1-COMP	LS-A-H02-C2-COMP	LS-A-H02-C3-COMP	LS-A-H02-C4-COMP	LS-A-H02-C5-COMP	
Sample Date	(mg/kg)	(mg/kg)	5/10/2023	5/22/2023	5/22/2023	5/24/2023	5/24/2023	5/11/2023	5/11/2023	5/11/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023	
PAHs																
Anthracene	190000	350	0.64 (0.1)	1.5 (0.12)	0.24 J (0.57)	U (0.13)	0.83 (0.11)	0.083 J (0.11)	U (0.52)	0.56 (0.51)	0.28 (0.11)	3.2 (1.2)	2.3 (0.55)	1.3 (0.55)	0.99 (0.54)	
Benzo(a)anthracene	130	340	0.48 (0.1)	5.2 (0.12)	0.87 (0.57)	0.098 J (0.13)	4 (0.11)	0.09 J (0.11)	U (0.52)	0.26 J (0.51)	0.84 (0.11)	2.3 (1.2)	2.1 (0.55)	1.6 (0.55)	3.3 (0.54)	
Benzo(a)pyrene	91	46	0.24 (0.14)	7.2 (0.16)	1.7 (0.76)	0.11 J (0.18)	6 (0.14)	0.096 J (0.14)	U (0.7)	U (0.68)	1.7 (0.15)	1.8 (1.6)	1.2 (0.73)	1.3 (0.73)	3 (0.72)	
Benzo(b)fluoranthene	76	170	0.16 (0.1)	8 (0.6)	2.2 (0.57)	0.14 (0.13)	6.4 (0.11)	0.11 (0.11)	U (0.52)	0.2 J (0.51)	1.3 (0.11)	0.89 J (1.2)	0.64 (0.55)	0.88 (0.55)	2.5 (0.54)	
Benzo(g,h,i)perylene	190000	180	0.32 (0.14)	5.3 (0.16)	2.6 (0.76)	0.072 J (0.18)	3.3 (0.14)	0.094 J (0.14)	U (0.7)	0.12 J (0.68)	1.4 (0.15)	1.5 J (1.6)	1.3 (0.73)	1.9 (0.73)	3 (0.72)	
Chrysene	760	230	0.76 (0.1)	4.5 (0.12)	1.3 (0.57)	0.11 J (0.13)	3.4 (0.11)	0.12 (0.11)	U (0.52)	0.88 (0.51)	1.1 (0.11)	4 (1.2)	2.8 (0.55)	2.4 (0.55)	3.8 (0.54)	
Fluorene	130000	3800	1.5 (0.17)	0.45 (0.2)	0.53 J (0.95)	U (0.22)	0.1 J (0.18)	0.039 J (0.18)	U (0.87)	1.6 (0.84)	0.21 (0.19)	1.8 J (2)	1.1 (0.92)	1.2 (0.91)	0.9 (0.9)	
Naphthalene	66	25	0.65 (0.034)	0.42 (0.04)	0.75 (0.19)	0.047 (0.045)	0.29 (0.036)	0.074 (0.035)	U (0.17)	U (0.17)	0.35 (0.038)	0.64 (0.4)	0.47 (0.18)	0.44 (0.18)	0.58 (0.18)	
Phenanthrene	190000	10000	3.5 (0.1)	4.7 (0.12)	0.84 (0.57)	0.12 J (0.13)	3 (0.11)	0.36 (0.11)	U (0.52)	1.2 (0.51)	0.85 (0.11)	8.9 (1.2)	5.5 (0.55)	4.9 (0.55)	4.1 (0.54)	
Pyrene	96000	2200	1 (0.1)	5.4 (0.12)	1.2 (0.57)	0.15 (0.13)	3.4 (0.11)	0.14 (0.11)	U (0.52)	0.89 (0.51)	0.83 (0.11)	8 (1.2)	5.9 (0.55)	3.4 (0.55)	4.1 (0.54)	
Metals																
Lead	1000	450	3.52 (2.02)	281 (2.26)	386 (2.22)	165 (2.6)	94.1 (2.2)	48.5 (2.09)	33.6 (2.01)	13.9 (1.98)	157 (2.33)	176 (2.3)	90.2 (2.22)	51 (2.2)	37.9 (2.09)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	LS-A-H03-C1	LS-A-H03-C2	LS-A-H03-C3	LS-A-H04-C1	LS-A-H04-C2	LS-A-H04-C3	LS-A-H05-C1	LS-A-H05-C2	LS-A-H06-C1	LS-A-H07-C1	LS-A-I01-C1	LS-A-I02-C1	LS-A-I03-C1
			LS-A-H03	LS-A-H03	LS-A-H03	LS-A-H04	LS-A-H04	LS-A-H04	LS-A-H05	LS-A-H05	LS-A-H06	LS-A-H07	LS-A-I01	LS-A-I02	LS-A-I03
Field Sample ID	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)	LS-A-H03-C1-COMP 5/12/2023	LS-A-H03-C2-COMP 5/12/2023	LS-A-H03-C3-COMP 5/12/2023	LS-A-H04-C1-COMP 5/18/2023	LS-A-H04-C2-COMP 5/18/2023	LS-A-H04-C3-COMP 5/18/2023	LS-A-H05-C1-COMP 5/12/2023	LS-A-H05-C2-COMP 5/12/2023	LS-A-H06-C1-COMP 5/12/2023	LS-A-H07-C1-COMP 5/18/2023	LS-A-I01-C1-COMP 5/23/2023	LS-A-I02-C1-COMP 5/23/2023	LS-A-I03-C1-COMP 5/17/2023
PAHs															
Anthracene	190000	350	0.2 (0.11)	U (0.11)	0.22 J (0.55)	0.44 (0.12)	0.63 (0.11)	0.65 (0.11)	0.15 (0.11)	0.097 J (0.11)	0.44 (0.12)	0.23 J (0.54)	0.33 J (0.57)	0.052 J (0.11)	U (0.12)
Benzo(a)anthracene	130	340	0.21 (0.11)	0.038 J (0.11)	0.28 J (0.55)	0.54 (0.12)	0.59 (0.11)	0.66 (0.11)	0.37 (0.11)	0.054 J (0.11)	1 (0.12)	0.6 (0.54)	1.3 (0.57)	0.15 (0.11)	U (0.12)
Benzo(a)pyrene	91	46	0.14 J (0.15)	U (0.15)	0.23 J (0.73)	0.46 (0.16)	0.88 (0.15)	1.3 (0.15)	U (0.14)	U (0.14)	0.74 (0.16)	0.61 J (0.72)	1.6 (0.76)	0.18 (0.14)	U (0.15)
Benzo(b)fluoranthene	76	170	0.12 (0.11)	0.04 J (0.11)	0.24 J (0.55)	0.6 (0.12)	0.68 (0.11)	0.72 (0.11)	U (0.11)	U (0.11)	0.5 (0.12)	0.66 (0.54)	1.2 (0.57)	0.18 (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.076 J (0.15)	0.037 J (0.15)	0.16 J (0.73)	0.47 (0.16)	1 (0.15)	1.6 (0.15)	U (0.14)	U (0.14)	0.62 (0.16)	0.41 J (0.72)	1.9 (0.76)	0.16 (0.14)	0.051 J (0.15)
Chrysene	760	230	0.34 (0.11)	0.081 J (0.11)	0.66 (0.55)	1 (0.12)	1.7 (0.11)	2 (0.11)	0.084 J (0.11)	0.3 (0.11)	1.4 (0.12)	0.64 (0.54)	1.9 (0.57)	0.22 (0.11)	0.036 J (0.12)
Fluorene	130000	3800	0.44 (0.19)	0.042 J (0.19)	0.5 J (0.92)	1.1 (0.2)	1.4 (0.19)	1.3 (0.19)	0.54 (0.18)	0.3 (0.18)	0.49 (0.2)	0.1 J (0.9)	0.32 J (0.95)	0.03 J (0.18)	0.042 J (0.19)
Naphthalene	66	25	0.038 (0.038)	U (0.038)	U (0.18)	0.4 (0.039)	0.98 (0.038)	1.4 (0.038)	0.053 (0.036)	0.022 J (0.036)	0.075 (0.04)	U (0.18)	0.43 (0.19)	0.076 (0.036)	U (0.039)
Phenanthrene	190000	10000	1.4 (0.11)	0.14 (0.11)	1.5 (0.55)	0.72 (0.12)	2.7 (0.11)	3.6 (0.11)	1.3 (0.11)	0.52 (0.11)	1.6 (0.12)	0.53 J (0.54)	1.6 (0.57)	0.11 (0.11)	U (0.12)
Pyrene	96000	2200	0.32 (0.11)	U (0.11)	0.64 (0.55)	0.88 (0.12)	0.85 (0.11)	1 (0.11)	0.27 (0.11)	0.12 (0.11)	1.9 (0.12)	0.95 (0.54)	1.2 (0.57)	0.25 (0.11)	0.062 J (0.12)
Metals															
Lead	1000	450	32.9 (2.25)	94.2 (2.25)	14.7 (2.21)	54.1 (2.3)	63.9 (2.27)	18.1 (2.2)	49.4 (2.2)	20.4 (2.15)	485 (2.38)	41.6 (2.14)	579 (2.3)	69.4 (2.15)	10.6 (2.3)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	LS-A-103-C2	LS-A-103-C3	LS-A-103-C4	LS-A-104-C1	LS-A-104-C2	LS-B-B01-C1	LS-B-B02-C1	LS-B-B03-C1	LS-B-C01-C1	LS-B-D01-C1	LS-B-D01-C2	LS-B-E01-C1	LS-B-E01-C2
			LS-A-103	LS-A-103	LS-A-103	LS-A-104	LS-A-104	LS-B-B01	LS-B-B02	LS-B-B03	LS-B-C01	LS-B-D01	LS-B-D01	LS-B-E01	LS-B-E01
Field Sample ID	Value (0-2 ft bgs)	Value	LS-A-103-C2-COMP	LS-A-103-C3-COMP	LS-A-103-C4-COMP	LS-A-104-C1-COMP	LS-A-104-C2-COMP	LS-B-B01-C1-COMP	LS-B-B02-C1-COMP	LS-B-B03-C1-COMP	LS-B-C01-C1-COMP	LS-B-D01-C1-COMP	LS-B-D01-C2-COMP	LS-B-E01-C1-COMP	LS-B-E01-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/17/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/5/2023	5/5/2023
PAHs															
Anthracene	190000	350	0.12 (0.12)	U (0.12)	U (0.11)	U (0.56)	0.17 (0.11)	0.17 J (0.38)	1.3 J (1.6)	22 (2.9)	0.66 (0.63)	0.12 J (0.14)	U (0.12)	0.11 (0.11)	0.082 J (0.12)
Benzo(a)anthracene	130	340	0.18 (0.12)	U (0.12)	0.029 J (0.11)	0.4 J (0.56)	0.18 (0.11)	0.67 (0.38)	1.1 J (1.6)	27 (2.9)	0.53 J (0.63)	0.5 (0.14)	U (0.12)	0.16 (0.11)	0.22 (0.12)
Benzo(a)pyrene	91	46	0.17 (0.16)	U (0.15)	U (0.14)	0.26 J (0.74)	0.14 J (0.15)	0.82 (0.51)	0.8 J (2.1)	21 (3.9)	0.52 J (0.84)	0.52 (0.19)	U (0.16)	0.16 (0.15)	0.16 (0.16)
Benzo(b)fluoranthene	76	170	0.14 (0.12)	U (0.12)	U (0.11)	0.38 J (0.56)	0.19 (0.11)	0.7 (0.38)	0.84 J (1.6)	26 (2.9)	0.4 J (0.63)	0.57 (0.14)	U (0.12)	0.18 (0.11)	0.16 (0.12)
Benzo(g,h,i)perylene	190000	180	0.13 J (0.16)	U (0.15)	0.055 J (0.14)	0.28 J (0.74)	0.093 J (0.15)	0.54 (0.51)	0.5 J (2.1)	9.8 (3.9)	0.46 J (0.84)	0.29 (0.19)	U (0.16)	0.14 J (0.15)	0.16 (0.16)
Chrysene	760	230	0.21 (0.12)	0.022 J (0.12)	0.046 J (0.11)	0.95 (0.56)	0.7 (0.11)	1.1 (0.38)	1.2 J (1.6)	24 (2.9)	1.1 (0.63)	0.55 (0.14)	0.028 J (0.12)	0.23 (0.11)	0.35 (0.12)
Fluorene	130000	3800	0.068 J (0.2)	0.034 J (0.19)	0.058 J (0.18)	0.21 J (0.93)	0.26 (0.19)	0.062 J (0.64)	1.6 J (2.6)	22 (4.8)	1.8 (1)	0.034 J (0.23)	0.06 J (0.2)	0.14 J (0.19)	0.098 J (0.2)
Naphthalene	66	25	0.04 (0.039)	U (0.038)	U (0.036)	U (0.18)	0.035 J (0.037)	0.21 (0.13)	11 (0.53)	52 (0.97)	2.1 (0.21)	0.029 J (0.047)	1.2 (0.04)	0.046 (0.037)	0.03 J (0.041)
Phenanthrene	190000	10000	0.098 J (0.12)	0.049 J (0.12)	0.085 J (0.11)	0.62 (0.56)	0.7 (0.11)	0.69 (0.38)	4.1 (1.6)	83 (2.9)	4.5 (0.63)	0.52 (0.14)	0.16 (0.12)	0.43 (0.11)	0.19 (0.12)
Pyrene	96000	2200	0.35 (0.12)	0.037 J (0.12)	0.064 J (0.11)	0.27 J (0.56)	0.38 (0.11)	1 (0.38)	1.9 (1.6)	48 (2.9)	1.4 (0.63)	0.71 (0.14)	0.033 J (0.12)	0.27 (0.11)	0.25 (0.12)
Metals															
Lead	1000	450	34.4 (2.28)	85.1 (2.29)	6.79 (2.06)	16.8 (2.18)	54 (2.18)	326 (2.59)	181 (2.04)	104 (2.32)	79.5 (2.5)	165 (2.8)	13 (2.38)	91.6 (2.13)	455 (2.48)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2a
Stockpile or Cut Soil Analytical Results - PAHs and Lead
Innovation Campus
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	LS-B-E01-C3	LS-B-F01-C1	LS-B-G01-C1	LS-B-G01-C2	LS-B-G02-C1	LS-B-G02-C2	LS-B-G02-C3	LS-B-G02-C4	LS-B-H01-C1	LS-B-H02-C1	LS-B-H02-C2	LS-B-H02-C3
			LS-B-E01	LS-B-F01	LS-B-G01	LS-B-G01	LS-B-G02	LS-B-G02	LS-B-G02	LS-B-G02	LS-B-H01	LS-B-H02	LS-B-H02	LS-B-H02
Field Sample ID	Value (0-2 ft bgs)	Value	LS-B-E01-C3-COMP	LS-B-F01-C1-COMP	LS-B-G01-C1-COMP	LS-B-G01-C2-COMP	LS-B-G02-C1-COMP	LS-B-G02-C2-COMP	LS-B-G02-C3-COMP	LS-B-G02-C4-COMP	LS-B-H01-C1-COMP	LS-B-H02-C1-COMP	LS-B-H02-C2-COMP	LS-B-H02-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	5/24/2023	5/8/2023	5/10/2023	5/10/2023	5/22/2023	5/22/2023	5/22/2023	5/22/2023	5/12/2023	5/17/2023	5/17/2023	5/17/2023
PAHs														
Anthracene	190000	350	0.09 J (0.12)	0.44 J (0.58)	0.68 J (1.1)	0.54 J (0.55)	1 (0.53)	0.78 (0.52)	1.5 (1.1)	U (0.11)	0.058 J (0.11)	0.71 (0.57)	1.3 (0.6)	0.26 (0.11)
Benzo(a)anthracene	130	340	0.09 J (0.12)	1.2 (0.58)	0.61 J (1.1)	0.52 J (0.55)	6.8 (0.53)	4.2 (0.52)	6.8 (1.1)	0.035 J (0.11)	0.039 J (0.11)	0.47 J (0.57)	2.1 (0.6)	0.22 (0.11)
Benzo(a)pyrene	91	46	0.11 J (0.16)	0.87 (0.78)	U (1.4)	U (0.74)	9.8 (0.71)	6.1 (0.69)	8.9 (1.4)	U (0.15)	U (0.15)	0.34 J (0.76)	1.6 (0.8)	0.29 (0.15)
Benzo(b)fluoranthene	76	170	0.096 J (0.12)	0.64 (0.58)	0.35 J (1.1)	U (0.55)	11 (0.53)	7.1 (0.52)	11 (1.1)	U (0.11)	U (0.11)	0.29 J (0.57)	1.9 (0.6)	0.16 (0.11)
Benzo(g,h,i)perylene	190000	180	0.098 J (0.16)	0.53 J (0.78)	0.38 J (1.4)	U (0.74)	6.5 (0.71)	4.3 (0.69)	5.4 (1.4)	U (0.15)	U (0.15)	0.46 J (0.76)	0.99 (0.8)	0.38 (0.15)
Chrysene	760	230	0.15 (0.12)	2.2 (0.58)	0.89 J (1.1)	0.81 (0.55)	6 (0.53)	3.7 (0.52)	6.5 (1.1)	0.04 J (0.11)	0.073 J (0.11)	0.78 (0.57)	2.4 (0.6)	0.42 (0.11)
Fluorene	130000	3800	0.2 (0.2)	0.78 J (0.98)	1 J (1.8)	1 (0.92)	0.18 J (0.88)	0.39 J (0.86)	0.49 J (1.8)	U (0.19)	0.21 (0.19)	3.3 (0.95)	4.7 (1)	1.3 (0.19)
Naphthalene	66	25	0.063 (0.04)	1.5 (0.2)	0.5 (0.36)	2.3 (0.18)	0.43 (0.18)	0.4 (0.17)	1.2 (0.35)	U (0.038)	0.16 (0.038)	0.61 (0.19)	0.69 (0.2)	0.16 (0.038)
Phenanthrene	190000	10000	0.33 (0.12)	2.4 (0.58)	3 (1.1)	3.9 (0.55)	2.9 (0.53)	2.8 (0.52)	5 (1.1)	0.038 J (0.11)	0.48 (0.11)	4.2 (0.57)	9.6 (0.6)	2.8 (0.11)
Pyrene	96000	2200	0.2 (0.12)	1.8 (0.58)	1.8 (1.1)	1 (0.55)	4.6 (0.53)	4.3 (0.52)	6.8 (1.1)	0.037 J (0.11)	U (0.11)	1.2 (0.57)	4.9 (0.6)	0.43 (0.11)
Metals														
Lead	1000	450	115 (2.43)	84.1 (2.34)	149 (2.12)	40.5 (2.15)	180 (2.03)	67.7 (2.08)	30.6 (2.07)	11 (2.24)	11.7 (2.26)	41.3 (2.22)	79.2 (2.36)	30.2 (2.31)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2b
Cut Soil Composite Analytical Results - PAHs and Lead
Innovation Campus Parcel B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	ParcelB-01-C1	ParcelB-02-C1	ParcelB-03-C1	ParcelB-04-C1	ParcelB-05-C1	ParcelB-06-C1	ParcelB-06-C2	ParcelB-07-C1	ParcelB-08-C1	ParcelB-09-C1	ParcelB-10-C1	ParcelB-11-C1
	Direct Contact	Groundwater	ParcelB-01	ParcelB-02	ParcelB-03	ParcelB-04	ParcelB-05	ParcelB-06	ParcelB-06	ParcelB-07	ParcelB-08	ParcelB-09	ParcelB-10	ParcelB-11
Field Sample ID	Value (0-2 ft bgs)	Value	ParcelB-01-C1-COMP	ParcelB-02-C1-COMP	ParcelB-03-C1-COMP	ParcelB-04-C1-COMP	ParcelB-05-C1-COMP	ParcelB-06-C1-COMP	ParcelB-06-C2-COMP	ParcelB-07-C1-COMP	ParcelB-08-C1-COMP	ParcelB-09-C1-COMP	ParcelB-10-C1-COMP	ParcelB-11-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/2/2025	1/2/2025	1/2/2025	1/2/2025	1/3/2025	1/3/2025	1/7/2025	1/3/2025
PAHs														
Anthracene	190000	350	3.4 (0.11)	1.8 (0.11)	4.5 (1.2)	0.38 (0.12)	U (0.59)	U (1.2)	0.38 J (1.2)	0.29 J (0.57)	0.53 J (0.54)	0.92 (0.57)	0.31 (0.11)	U (0.12)
Benzo(a)anthracene	130	340	4.6 (0.11)	3 (0.11)	6.7 (1.2)	0.58 (0.12)	1 (0.59)	U (1.2)	0.65 J (1.2)	0.85 (0.57)	0.64 (0.54)	1.2 (0.57)	0.65 (0.11)	0.031 J (0.12)
Benzo(a)pyrene	91	46	4.4 (0.15)	3.2 (0.15)	4.9 (1.6)	0.63 (0.16)	2 (0.78)	U (1.5)	0.83 J (1.5)	0.68 J (0.76)	0.53 J (0.72)	0.81 (0.76)	0.57 (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	4.4 (0.11)	3.4 (0.11)	3.3 (1.2)	0.8 (0.12)	1.3 (0.59)	U (1.2)	0.64 J (1.2)	0.8 (0.57)	0.49 J (0.54)	0.93 (0.57)	0.51 (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	4.8 (0.15)	3.2 (0.15)	3.4 (1.6)	0.59 (0.16)	1.7 (0.78)	U (1.5)	1.2 J (1.5)	0.73 J (0.76)	0.53 J (0.72)	0.67 J (0.76)	0.48 (0.15)	U (0.16)
Chrysene	760	230	4.9 (0.11)	3.6 (0.11)	7.4 (1.2)	0.72 (0.12)	1.6 (0.59)	U (1.2)	1.1 J (1.2)	1.2 (0.57)	0.93 (0.54)	2 (0.57)	0.98 (0.11)	0.034 J (0.12)
Fluorene	130000	3800	2.6 (0.19)	0.42 (0.19)	3.5 (2)	0.23 (0.19)	U (0.98)	U (1.9)	0.56 J (1.9)	0.2 J (0.95)	0.8 J (0.9)	2 (0.95)	0.38 (0.19)	U (0.2)
Naphthalene	66	25	3.9 (0.038)	0.58 (0.038)	0.59 (0.41)	0.25 (0.039)	U (0.2)	U (0.38)	1.2 (0.38)	0.25 (0.19)	0.45 (0.18)	0.51 (0.19)	0.3 (0.038)	U (0.04)
Phenanthrene	190000	10000	11 (0.57)	2.4 (0.11)	2 (1.2)	0.66 (0.12)	0.21 J (0.59)	U (1.2)	0.94 J (1.2)	0.49 J (0.57)	0.9 (0.54)	1.1 (0.57)	0.75 (0.11)	U (0.12)
Pyrene	96000	2200	9.2 (0.57)	5.2 (0.11)	16 (1.2)	1 (0.12)	0.48 J (0.59)	U (1.2)	1 J (1.2)	2.1 (0.57)	1.3 (0.54)	2.2 (0.57)	1 (0.11)	0.046 J (0.12)
Metals														
Lead	1000	450	47.7 (4.55)	67.2 (4.5)	65.9 (4.8)	138 (4.59)	170 (4.64)	341 (4.51)	143 (4.45)	756 (4.37)	64.4 (4.25)	196 (4.49)	164 (4.35)	41.9 (4.7)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2b
Cut Soil Composite Analytical Results - PAHs and Lead
Innovation Campus Parcel B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	ParcelB-12-C1	ParcelB-13-C1	ParcelB-14-C1	ParcelB-15-C1	ParcelB-16-C1	ParcelB-17-C1	ParcelB-18-C1	ParcelB-19-C1	ParcelB-20-C1	ParcelB-21-C1
	Direct Contact	Groundwater	ParcelB-12	ParcelB-13	ParcelB-14	ParcelB-15	ParcelB-16	ParcelB-17	ParcelB-18	ParcelB-19	ParcelB-20	ParcelB-21
Field Sample ID	Value (0-2 ft bgs)	Value	ParcelB-12-C1-COMP	ParcelB-13-C1-COMP	ParcelB-14-C1-COMP	ParcelB-15-C1-COMP	ParcelB-16-C1-COMP	ParcelB-17-C1-COMP	ParcelB-18-C1-COMP	ParcelB-19-C1-COMP	ParcelB-20-C1-COMP	ParcelB-21-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/3/2025	1/3/2025	1/7/2025	1/7/2025	1/7/2025	1/7/2025	1/8/2025	1/8/2025	1/8/2025	1/8/2025
PAHs												
Anthracene	190000	350	0.036 J (0.1)	0.097 J (0.11)	0.069 J (0.12)	0.49 (0.11)	0.3 (0.11)	0.46 (0.11)	0.11 J (0.12)	U (0.11)	U (0.11)	0.036 J (0.11)
Benzo(a)anthracene	130	340	0.091 J (0.1)	0.28 (0.11)	0.42 (0.12)	0.44 (0.11)	0.43 (0.11)	1 (0.11)	0.44 (0.12)	U (0.11)	0.075 J (0.11)	0.14 (0.11)
Benzo(a)pyrene	91	46	0.099 J (0.14)	0.32 (0.14)	0.53 (0.16)	0.38 (0.15)	0.41 (0.15)	0.97 (0.15)	0.52 (0.16)	U (0.15)	0.086 J (0.15)	0.18 (0.15)
Benzo(b)fluoranthene	76	170	0.12 (0.1)	0.32 (0.11)	0.59 (0.12)	0.34 (0.11)	0.34 (0.11)	1.1 (0.11)	0.68 (0.12)	U (0.11)	0.12 (0.11)	0.2 (0.11)
Benzo(g,h,i)perylene	190000	180	0.087 J (0.14)	0.36 (0.14)	0.46 (0.16)	0.56 (0.15)	0.48 (0.15)	1.1 (0.15)	0.43 (0.16)	U (0.15)	0.069 J (0.15)	0.2 (0.15)
Chrysene	760	230	0.1 (0.1)	0.35 (0.11)	0.52 (0.12)	0.58 (0.11)	0.78 (0.11)	1.1 (0.11)	0.46 (0.12)	U (0.11)	0.073 J (0.11)	0.14 (0.11)
Fluorene	130000	3800	U (0.18)	0.038 J (0.18)	0.057 J (0.2)	1.5 (0.19)	0.69 (0.18)	0.22 (0.19)	0.026 J (0.21)	U (0.18)	U (0.18)	U (0.19)
Naphthalene	66	25	0.022 J (0.035)	0.11 (0.036)	0.085 (0.041)	0.4 (0.038)	0.62 (0.037)	0.1 (0.038)	0.11 (0.041)	U (0.037)	U (0.037)	0.054 (0.037)
Phenanthrene	190000	10000	0.098 J (0.1)	0.27 (0.11)	0.23 (0.12)	4.6 (0.11)	1.4 (0.11)	1.4 (0.11)	0.34 (0.12)	U (0.11)	0.035 J (0.11)	0.14 (0.11)
Pyrene	96000	2200	0.15 (0.1)	0.35 (0.11)	0.39 (0.12)	0.72 (0.11)	0.72 (0.11)	1.6 (0.11)	0.6 (0.12)	U (0.11)	0.12 (0.11)	0.21 (0.11)
Metals												
Lead	1000	450	22.4 (4.04)	96.9 (4.24)	125 (4.72)	116 (4.54)	353 (21.7)	973 (4.47)	304 (9.94)	6.28 (4.3)	11.1 (4.36)	127 (4.38)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 5 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A01-C1	201-A01-C2	201-A01-CX	201-A01-D1	201-A02-C1	201-A02-C2	201-A02-CX	201-A03-C1	201-A03-C2	201-A03-CX	201-A04-C1	201-A04-C2	201-A04-C3
			201-A01	201-A01	201-A01	201-A01	201-A02	201-A02	201-A02	201-A03	201-A03	201-A03	201-A04	201-A04	201-A04
Field Sample ID	Value (0-2 ft bgs)	Value	201-A01-C1-COMP	201-A01-C2-COMP	201-A01-CX-COMP	201-A01-D1-COMP	201-A02-C1-COMP	201-A02-C2-COMP	201-A02-CX-COMP	201-A03-C1-COMP	201-A03-C2-COMP	201-A03-CX-COMP	201-A04-C1-COMP	201-A04-C2-COMP	201-A04-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	1/17/2022	1/17/2022	1/17/2022	3/28/2023	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/18/2022	1/19/2022	1/19/2022	1/19/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	0.59 (0.12)	1.3 (0.12)	U (0.12)	0.16 (0.12)	U (0.12)	U (0.12)	0.039 J (0.12)	0.2 (0.11)	0.19 (0.12)	0.094 J (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	1 (0.12)	3.2 (0.12)	0.031 J (0.12)	0.44 (0.12)	0.044 J (0.12)	U (0.12)	0.038 J (0.12)	1.6 (0.11)	0.21 (0.12)	0.12 (0.11)
Benzo(a)pyrene	91	46	U (0.17)	U (0.16)	U (0.16)	0.99 (0.16)	2.7 (0.16)	U (0.16)	0.36 (0.16)	U (0.16)	U (0.16)	U (0.16)	3.3 (0.15)	0.17 (0.16)	0.11 J (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	1.2 (0.12)	3.2 (0.12)	U (0.12)	0.42 (0.12)	0.04 J (0.12)	U (0.12)	U (0.12)	3.2 (0.11)	0.2 (0.12)	0.13 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.17)	U (0.16)	U (0.16)	0.52 (0.16)	1.4 (0.16)	U (0.16)	0.18 (0.16)	U (0.16)	U (0.16)	U (0.16)	2 (0.15)	0.067 J (0.16)	0.055 J (0.15)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	0.99 (0.12)	3.2 (0.12)	0.063 J (0.12)	0.45 (0.12)	0.041 J (0.12)	U (0.12)	0.033 J (0.12)	1.4 (0.11)	0.19 (0.12)	0.11 (0.11)
Fluorene	130000	3800	U (0.21)	U (0.2)	U (0.2)	0.36 (0.2)	0.53 (0.2)	0.031 J (0.2)	0.17 J (0.2)	0.093 J (0.2)	U (0.21)	0.098 J (0.2)	0.08 J (0.19)	0.3 (0.2)	0.13 J (0.19)
Naphthalene	66	25	0.037 J (0.21)	0.045 J (0.2)	U (0.2)	0.15 (0.041)	1.2 (0.2)	0.47 (0.2)	1.6 (0.2)	3.4 (0.2)	0.37 (0.21)	4.7 (0.2)	2.4 (0.19)	2.4 (0.2)	1.5 (0.19)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	2.5 (0.12)	5.6 (0.12)	0.098 J (0.12)	0.93 (0.12)	0.15 (0.12)	0.026 J (0.12)	0.2 (0.12)	0.55 (0.11)	0.75 (0.12)	0.35 (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	2 (0.12)	5 (0.12)	0.028 J (0.12)	0.62 (0.12)	0.069 J (0.12)	U (0.12)	0.089 J (0.12)	1.1 (0.11)	0.5 (0.12)	0.29 (0.11)
Metals															
Lead	1000	450	7.91 (4.73)	13.6 (4.69)	13.4 (4.6)	<u>2540 (2.4)</u>	10.9 (4.69)	6.32 (4.65)	7.34 (4.77)	19.5 (4.62)	78 (4.86)	9.68 (4.67)	47.2 (4.39)	47.5 (2.37)	17.8 (2.18)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A04-CX 201-A04	201-A05-C1 201-A05	201-A05-C2 201-A05	201-A05-C3 201-A05	201-A05-CX 201-A05	201-A06-C1 201-A06	201-A06-C2 201-A06	201-A06-CX 201-A06	201-A07-C1 201-A07	201-A07-C2 201-A07	201-A07-CX 201-A07	201-A08-C1 201-A08	201-A08-C2 201-A08
Field Sample ID	Value (0-2 ft bgs)	Value	201-A04-CX-COMP	201-A05-C1-COMP	201-A05-C2-COMP	201-A05-C3-COMP	201-A05-CX-COMP	201-A06-C1-COMP	201-A06-C2-COMP	201-A06-CX-COMP	201-A07-C1-COMP	201-A07-C2-COMP	201-A07-CX-COMP	201-A08-C1-COMP	201-A08-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/21/2022	1/21/2022	1/21/2022	1/19/2022	1/19/2022	1/19/2022	1/20/2022	1/20/2022
PAHs															
Anthracene	190000	350	0.2 (0.12)	U (0.13)	U (0.12)	U (0.11)	0.096 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.34 (0.12)	0.028 J (0.13)	U (0.12)	0.029 J (0.11)	0.11 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.4 (0.16)	U (0.17)	U (0.16)	U (0.15)	0.18 (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.45 (0.12)	U (0.13)	U (0.12)	U (0.11)	0.18 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.22 (0.16)	U (0.17)	U (0.16)	U (0.15)	0.12 J (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.15)
Chrysene	760	230	0.34 (0.12)	0.042 J (0.13)	0.04 J (0.12)	0.083 J (0.11)	0.18 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	0.24 (0.2)	0.083 J (0.22)	0.083 J (0.2)	0.11 J (0.19)	0.41 (0.18)	0.15 J (0.2)	0.031 J (0.2)	U (0.19)	0.021 J (0.19)	U (0.19)	U (0.2)	0.032 J (0.2)	U (0.19)
Naphthalene	66	25	3.7 (0.2)	2 (0.22)	0.25 (0.2)	1.5 (0.19)	0.72 (0.18)	0.078 J (0.2)	0.43 (0.2)	U (0.19)	1.4 (0.19)	0.77 (0.19)	0.22 (0.2)	0.89 (0.2)	0.77 (0.19)
Phenanthrene	190000	10000	0.73 (0.12)	0.22 (0.13)	0.24 (0.12)	0.36 (0.11)	1.2 (0.11)	0.22 (0.12)	0.057 J (0.12)	0.048 J (0.12)	0.062 J (0.12)	0.034 J (0.12)	U (0.12)	0.078 J (0.12)	U (0.12)
Pyrene	96000	2200	0.74 (0.12)	0.048 J (0.13)	0.029 J (0.12)	0.045 J (0.11)	0.15 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.042 J (0.12)	0.019 J (0.12)	U (0.12)	0.045 J (0.12)	U (0.12)
Metals															
Lead	1000	450	80.4 (2.32)	116 (2.53)	4.48 (2.36)	8.67 (4.34)	6.92 (4.07)	40.2 (11.8)	7.7 J (11.9)	7.8 J (11.5)	7.13 (2.2)	25.8 (2.2)	6.92 (2.42)	53 (11.6)	13.4 (11.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A08-CX 201-A08	201-A09-C1 201-A09	201-A09-C2 201-A09	201-A09-CX 201-A09	201-A10-C1 201-A10	201-A10-C2 201-A10	201-A10-CX 201-A10	201-A11-C1 201-A11	201-A11-C2 201-A11	201-A11-CX 201-A11	201-A12-C1 201-A12	201-A12-C2 201-A12	201-A12-CX 201-A12
Field Sample ID	Value (0-2 ft bgs)	Value	201-A08-CX-COMP	201-A09-C1-COMP	201-A09-C2-COMP	201-A09-CX-COMP	201-A10-C1-COMP	201-A10-C2-COMP	201-A10-CX-COMP	201-A11-C1-COMP	201-A11-C2-COMP	201-A11-CX-COMP	201-A12-C1-COMP	201-A12-C2-COMP	201-A12-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	1/20/2022	1/20/2022	1/20/2022	1/20/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/21/2022	1/24/2022	1/24/2022	1/24/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	0.059 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.031 J (0.12)	0.098 J (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.17)	U (0.17)	U (0.17)	U (0.18)	0.093 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.11 J (0.16)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	0.12 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.17)	U (0.17)	U (0.17)	U (0.18)	0.069 J (0.15)	U (0.16)	U (0.16)	U (0.16)	0.037 J (0.16)	0.072 J (0.16)	U (0.15)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	0.082 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.033 J (0.12)	0.11 J (0.12)	0.024 J (0.12)	U (0.12)
Fluorene	130000	3800	0.023 J (0.2)	U (0.22)	U (0.21)	U (0.21)	0.022 J (0.22)	U (0.19)	U (0.2)	0.054 J (0.19)	0.12 J (0.21)	U (0.2)	U (0.2)	U (0.19)	U (0.21)
Naphthalene	66	25	0.34 (0.2)	0.39 (0.22)	2.1 (0.21)	0.2 J (0.21)	0.028 J (0.22)	0.045 J (0.19)	U (0.2)	2.4 (0.19)	0.17 J (0.21)	0.14 J (0.2)	0.033 J (0.2)	1 (0.19)	0.046 J (0.21)
Phenanthrene	190000	10000	0.055 J (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	0.028 J (0.12)	U (0.12)	0.097 J (0.12)	0.18 (0.12)	0.039 J (0.12)	0.11 J (0.12)	0.034 J (0.12)	U (0.12)
Pyrene	96000	2200	0.024 J (0.12)	U (0.13)	U (0.13)	U (0.13)	U (0.13)	0.065 J (0.12)	U (0.12)	0.031 J (0.12)	0.039 J (0.12)	0.044 J (0.12)	0.16 (0.12)	0.039 J (0.12)	U (0.12)
Metals															
Lead	1000	450	45.6 (11.7)	111 (12.3)	27.7 (12.2)	26.6 (12)	7.65 J (12.9)	51.9 (11.5)	7.2 J (12.4)	93.9 (11.3)	301 (12)	26.2 (11.8)	126 (2.21)	51.8 (2.23)	132 (2.36)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-A13-C1	201-A13-C2	201-A13-CX	201-A14-C1	201-A14-C2	201-A14-CX	201-A15-C1	201-A15-CX	201-B01-C1	201-B01-CX	201-B02-C1	201-B02-C2	201-B02-C3
			201-A13	201-A13	201-A13	201-A14	201-A14	201-A14	201-A15	201-A15	201-B01	201-B01	201-B02	201-B02	201-B02
Field Sample ID	Value (0-2 ft bgs)	Value	201-A13-C1-COMP	201-A13-C2-COMP	201-A13-CX-COMP	201-A14-C1-COMP	201-A14-C2-COMP	201-A14-CX-COMP	201-A15-C1-COMP	201-A15-CX-COMP	201-B01-C1-COMP	201-B01-CX-COMP	201-B02-C1-COMP	201-B02-C2-COMP	201-B02-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	1/24/2022	1/24/2022	1/24/2022	1/24/2022	1/24/2022	1/24/2022	1/25/2022	1/25/2022	1/25/2022	1/25/2022	1/26/2022	1/26/2022	1/26/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	0.24 (0.12)	0.084 J (0.11)	0.27 (0.12)	0.33 (0.11)	0.061 J (0.13)	U (1.2)	0.041 J (0.12)	0.046 J (0.12)	0.12 (0.11)	0.42 (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.062 J (0.12)	0.025 J (0.12)	0.41 (0.12)	0.14 (0.11)	0.76 (0.12)	0.62 (0.11)	0.099 J (0.13)	U (1.2)	U (0.12)	U (0.12)	0.2 (0.11)	0.57 (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.083 J (0.16)	U (0.16)	0.31 (0.16)	0.18 (0.15)	0.75 (0.16)	0.5 (0.14)	0.077 J (0.17)	U (1.6)	U (0.16)	U (0.16)	0.14 J (0.15)	0.54 (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.1 J (0.12)	U (0.12)	0.42 (0.12)	0.21 (0.11)	0.9 (0.12)	0.65 (0.11)	0.16 (0.13)	U (1.2)	U (0.12)	U (0.12)	0.19 (0.11)	0.58 (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.066 J (0.16)	U (0.16)	0.17 (0.16)	0.12 J (0.15)	0.38 (0.16)	0.3 (0.14)	0.065 J (0.17)	U (1.6)	U (0.16)	U (0.16)	0.078 J (0.15)	0.22 (0.16)	U (0.16)
Chrysene	760	230	0.065 J (0.12)	0.022 J (0.12)	0.41 (0.12)	0.18 (0.11)	0.74 (0.12)	0.59 (0.11)	0.12 J (0.13)	U (1.2)	U (0.12)	U (0.12)	0.18 (0.11)	0.51 (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	0.081 J (0.2)	0.2 (0.19)	0.29 (0.2)	0.12 J (0.18)	0.2 J (0.21)	0.72 J (2)	0.56 (0.2)	0.99 (0.19)	0.14 J (0.19)	0.25 (0.2)	U (0.21)
Naphthalene	66	25	0.47 (0.2)	1.2 (0.2)	0.67 (0.2)	0.13 J (0.19)	0.13 J (0.2)	0.05 J (0.18)	0.11 J (0.21)	5 (2)	4.2 (0.2)	11 (0.97)	9.6 (0.94)	2.1 (0.2)	0.059 J (0.21)
Phenanthrene	190000	10000	0.054 J (0.12)	0.037 J (0.12)	0.88 (0.12)	0.48 (0.11)	1.4 (0.12)	1.2 (0.11)	0.29 (0.13)	0.28 J (1.2)	0.22 (0.12)	0.47 (0.12)	0.61 (0.11)	1.4 (0.12)	U (0.12)
Pyrene	96000	2200	0.087 J (0.12)	0.038 J (0.12)	0.74 (0.12)	0.33 (0.11)	1.5 (0.12)	1.2 (0.11)	0.26 (0.13)	U (1.2)	0.023 J (0.12)	0.023 J (0.12)	0.41 (0.11)	1 (0.12)	U (0.12)
Metals															
Lead	1000	450	632 (2.26)	9.26 (2.32)	350 (2.35)	45.1 (2.21)	15 (11.6)	296 (2.1)	60.9 (12.1)	776 (2.33)	8.22 J (11.8)	5.31 (2.27)	158 (2.13)	39.4 (2.35)	5.7 (2.37)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-B02-CX	201-B03-C1	201-B03-C2	201-B03-CX	201-B04-C1	201-B04-C2	201-B04-CX	201-B05-C1	201-B05-C2	201-B05-CX	201-B06-C1	201-B06-C2	201-B06-CX
			201-B02	201-B03	201-B03	201-B03	201-B04	201-B04	201-B04	201-B05	201-B05	201-B05	201-B06	201-B06	201-B06
Field Sample ID	Value (0-2 ft bgs)	Value	201-B02-CX-COMP	201-B03-C1-COMP	201-B03-C2-COMP	201-B03-CX-COMP	201-B04-C1-COMP	201-B04-C2-COMP	201-B04-CX-COMP	201-B05-C1-COMP	201-B05-C2-COMP	201-B05-CX-COMP	201-B06-C1-COMP	201-B06-C2-COMP	201-B06-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/26/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022	1/27/2022
PAHs															
Anthracene	190000	350	0.29 (0.12)	U (0.12)	U (0.12)	0.085 J (0.12)	U (0.12)	0.11 (0.11)	0.063 J (0.13)	U (0.12)	0.044 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.12 (0.12)
Benzo(a)anthracene	130	340	0.03 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.045 J (0.11)	U (0.13)	0.036 J (0.12)	0.071 J (0.11)	U (0.12)	0.028 J (0.12)	0.06 J (0.12)	0.18 (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	0.065 J (0.15)	U (0.17)	0.062 J (0.16)	0.13 J (0.15)	U (0.16)	U (0.16)	0.072 J (0.15)	0.26 (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.096 J (0.11)	U (0.13)	0.068 J (0.12)	0.15 (0.11)	U (0.12)	0.048 J (0.12)	0.095 J (0.12)	0.34 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	0.048 J (0.15)	U (0.17)	0.05 J (0.16)	0.12 J (0.15)	U (0.16)	0.03 J (0.16)	0.066 J (0.15)	0.19 (0.15)
Chrysene	760	230	0.032 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.073 J (0.11)	U (0.13)	0.031 J (0.12)	0.069 J (0.11)	U (0.12)	0.037 J (0.12)	0.062 J (0.12)	0.2 (0.12)
Fluorene	130000	3800	2 (0.19)	0.38 (0.19)	U (0.2)	0.86 (0.2)	U (0.2)	0.51 (0.19)	0.73 (0.21)	0.2 (0.2)	1.2 (0.19)	0.046 J (0.2)	0.028 J (0.2)	0.035 J (0.19)	1.5 (0.19)
Naphthalene	66	25	5 (0.19)	2.9 (0.19)	0.062 J (0.2)	0.64 (0.2)	0.24 (0.2)	22 (3.8)	1.3 (0.21)	1.4 (0.2)	4.3 (0.19)	0.49 (0.2)	0.26 (0.2)	0.94 (0.19)	6 (0.19)
Phenanthrene	190000	10000	2.3 (0.12)	0.35 (0.12)	U (0.12)	0.63 (0.12)	U (0.12)	0.39 (0.11)	0.53 (0.13)	0.094 J (0.12)	0.44 (0.11)	0.03 J (0.12)	0.046 J (0.12)	0.093 J (0.12)	1 (0.12)
Pyrene	96000	2200	0.19 (0.12)	0.026 J (0.12)	U (0.12)	0.074 J (0.12)	U (0.12)	0.12 (0.11)	0.031 J (0.13)	0.056 J (0.12)	0.075 J (0.11)	U (0.12)	0.038 J (0.12)	0.097 J (0.12)	0.21 (0.12)
Metals															
Lead	1000	450	3.28 (2.22)	44 (2.2)	5.38 (2.38)	26.6 (2.37)	350 (2.27)	58.3 (11.2)	5.11 (2.43)	156 (2.39)	126 (4.48)	17.9 (4.97)	1090 (2.38)	3.16 (2.28)	158 (2.36)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-B07-C1	201-B07-C2	201-B07-CX	201-B08-C1	201-B08-C2	201-B08-CX	201-B09-C1	201-B09-C2	201-B09-CX	201-B10-C1	201-B10-C2	201-B10-CX	201-B11-C1
Field Sample ID	Value (0-2 ft bgs)	Value	201-B07-C1-COMP	201-B07-C2-COMP	201-B07-CX-COMP	201-B08-C1-COMP	201-B08-C2-COMP	201-B08-CX-COMP	201-B09-C1-COMP	201-B09-C2-COMP	201-B09-CX-COMP	201-B10-C1-COMP	201-B10-C2-COMP	201-B10-CX-COMP	201-B11-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	2/2/2022	2/2/2022	2/2/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	1/28/2022	2/2/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.59)	U (0.12)	U (0.12)	0.2 (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.1)	U (0.12)	U (0.12)	0.043 J (0.12)	0.048 J (0.13)	0.027 J (0.13)	U (0.12)	U (0.13)	0.17 J (0.59)	0.081 J (0.12)	U (0.12)	0.54 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.18)	U (0.17)	U (0.16)	U (0.17)	U (0.78)	0.075 J (0.16)	U (0.16)	0.46 (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.1)	U (0.12)	U (0.12)	0.052 J (0.12)	0.046 J (0.13)	U (0.13)	U (0.12)	U (0.13)	0.19 J (0.59)	0.11 J (0.12)	U (0.12)	0.57 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.14)	U (0.16)	U (0.16)	0.031 J (0.15)	U (0.18)	U (0.17)	U (0.16)	U (0.17)	0.15 J (0.78)	0.053 J (0.16)	U (0.16)	0.25 (0.15)
Chrysene	760	230	U (0.12)	U (0.1)	U (0.12)	U (0.12)	0.043 J (0.12)	0.043 J (0.13)	0.024 J (0.13)	0.03 J (0.12)	U (0.13)	0.23 J (0.59)	0.079 J (0.12)	U (0.12)	0.46 (0.11)
Fluorene	130000	3800	0.66 (0.2)	0.03 J (0.18)	0.57 (0.2)	U (0.21)	U (0.19)	U (0.22)	U (0.22)	0.024 J (0.21)	0.024 J (0.22)	U (0.98)	0.15 J (0.2)	0.39 (0.2)	0.082 J (0.18)
Naphthalene	66	25	0.14 J (0.2)	0.024 J (0.18)	2.2 (0.2)	U (0.21)	0.048 J (0.19)	U (0.22)	0.052 J (0.22)	1.4 (0.21)	0.36 (0.22)	U (0.98)	0.053 J (0.2)	0.18 J (0.2)	0.074 J (0.18)
Phenanthrene	190000	10000	0.59 (0.12)	U (0.1)	0.4 (0.12)	U (0.12)	0.045 J (0.12)	0.092 J (0.13)	0.032 J (0.13)	0.043 J (0.12)	U (0.13)	U (0.59)	0.2 (0.12)	0.37 (0.12)	0.6 (0.11)
Pyrene	96000	2200	0.051 J (0.12)	U (0.1)	0.022 J (0.12)	U (0.12)	0.045 J (0.12)	0.075 J (0.13)	0.032 J (0.13)	0.036 J (0.12)	U (0.13)	0.16 J (0.59)	0.12 (0.12)	0.028 J (0.12)	0.85 (0.11)
Metals															
Lead	1000	450	117 (11.6)	44 (10.3)	3.73 (2.3)	35.3 (2.43)	248 (2.29)	118 (2.52)	14.9 (2.51)	200 (2.37)	21.8 (2.51)	298 (2.3)	69.8 (2.28)	4.5 (2.36)	250 (2.15)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	201-B11-C2	201-B11-C3	201-B11-CX	201-B12-C1	201-B12-C2	201-B12-CX	201-C01-C1	201-C01-C2	201-C01-C3	201-C01-CX	201-C02-C1	201-C02-C2	201-C02-CX
			201-B11	201-B11	201-B11	201-B12	201-B12	201-B12	201-C01	201-C01	201-C01	201-C01	201-C02	201-C02	201-C02
Field Sample ID	Value (0-2 ft bgs)	Value	201-B11-C2-COMP	201-B11-C3-COMP	201-B11-CX-COMP	201-B12-C1-COMP	201-B12-C2-COMP	201-B12-CX-COMP	201-C01-C1-COMP	201-C01-C2-COMP	201-C01-C3-COMP	201-C01-CX-COMP	201-C02-C1-COMP	201-C02-C2-COMP	201-C02-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022	2/3/2022
PAHs															
Anthracene	190000	350	0.15 (0.12)	7.9 (1.2)	0.047 J (0.12)	0.052 J (0.12)	U (0.12)	U (0.11)	1.1 (0.32)	0.042 J (0.12)	U (0.12)	0.053 J (0.12)	0.077 J (0.12)	0.069 J (0.11)	1.3 (1.2)
Benzo(a)anthracene	130	340	0.55 (0.12)	9.7 (1.2)	0.17 (0.12)	0.065 J (0.12)	0.023 J (0.12)	U (0.11)	0.88 (0.32)	0.035 J (0.12)	U (0.12)	0.028 J (0.12)	0.026 J (0.12)	0.032 J (0.11)	0.47 J (1.2)
Benzo(a)pyrene	91	46	0.68 (0.16)	9.7 (1.6)	0.18 (0.16)	0.068 J (0.16)	U (0.16)	U (0.15)	0.53 (0.43)	U (0.17)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (1.6)
Benzo(b)fluoranthene	76	170	0.77 (0.12)	9.8 (1.2)	0.22 (0.12)	0.08 J (0.12)	U (0.12)	U (0.11)	0.65 (0.32)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (1.2)
Benzo(g,h,i)perylene	190000	180	0.46 (0.16)	5.9 (0.16)	0.16 (0.16)	0.068 J (0.16)	U (0.16)	U (0.15)	0.26 J (0.43)	U (0.17)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (1.6)
Chrysene	760	230	0.53 (0.12)	8.9 (1.2)	0.18 (0.12)	0.081 J (0.12)	0.024 J (0.12)	U (0.11)	0.93 (0.32)	0.034 J (0.12)	U (0.12)	0.03 J (0.12)	0.036 J (0.12)	0.03 J (0.11)	0.58 J (1.2)
Fluorene	130000	3800	0.05 J (0.2)	4.5 (0.2)	U (0.2)	0.75 (0.2)	0.15 J (0.2)	0.043 J (0.18)	3.6 (0.54)	0.073 J (0.21)	0.16 J (0.21)	0.68 (0.2)	0.15 J (0.21)	0.092 J (0.19)	2.5 (2)
Naphthalene	66	25	0.12 J (0.2)	0.88 (0.2)	0.052 J (0.2)	0.58 (0.2)	0.98 (0.2)	0.088 J (0.18)	U (0.54)	0.039 J (0.21)	0.1 J (0.21)	0.85 (0.2)	0.89 (0.21)	0.25 (0.19)	0.53 J (2)
Phenanthrene	190000	10000	0.44 (0.12)	28 (1.2)	0.18 (0.12)	0.42 (0.12)	0.16 (0.12)	0.034 J (0.11)	6.6 (0.32)	0.082 J (0.12)	0.2 (0.12)	0.46 (0.12)	0.41 (0.12)	0.26 (0.11)	6.4 (1.2)
Pyrene	96000	2200	0.74 (0.12)	23 (1.2)	0.25 (0.12)	0.11 J (0.12)	0.042 J (0.12)	U (0.11)	2.2 (0.32)	0.066 J (0.12)	0.034 J (0.12)	0.07 J (0.12)	0.06 J (0.12)	0.062 J (0.11)	1.4 (1.2)
Metals															
Lead	1000	450	269 (2.26)	64.3 (2.24)	75.4 (2.23)	1060 (11.8)	88 (2.27)	9.28 (2.12)	503 (2.15)	59.2 (2.42)	15.5 (2.47)	4.76 (2.44)	704 (2.38)	133 (2.19)	11.6 (11.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-C03-C1	201-C03-C2	201-C03-CX	201-C04-C1	201-C04-C2	201-C04-CX	201-C05-C1	201-C05-C2	201-C05-CX	201-C06-C1	201-C06-C2	201-C06-CX	201-C07-C1
Field Sample ID	Value (0-2 ft bgs)	Value	201-C03	201-C03	201-C03	201-C04	201-C04	201-C04	201-C05	201-C05	201-C05	201-C06	201-C06	201-C06	201-C07
Sample Date	(mg/kg)	(mg/kg)	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/4/2022	2/17/2022	2/17/2022	2/17/2022	2/22/2022	2/22/2022	2/22/2022	2/17/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.73 (0.6)	0.05 J (0.12)	0.051 J (0.12)	U (0.12)	0.045 J (0.12)	0.074 J (0.12)	0.041 J (0.12)	U (1.9)	U (0.11)	4.4 (1.4)	U (1.4)	U (0.13)
Benzo(a)anthracene	130	340	U (0.12)	0.26 (0.12)	0.032 J (0.12)	0.07 J (0.12)	0.029 J (0.12)	0.068 J (0.12)	0.17 (0.12)	0.13 (0.12)	0.43 J (1.9)	0.043 J (0.11)	3.5 (1.4)	1.2 J (1.4)	0.059 J (0.13)
Benzo(a)pyrene	91	46	U (0.16)	0.08 J (0.16)	U (0.16)	0.052 J (0.16)	U (0.16)	U (0.16)	0.13 J (0.16)	0.097 J (0.16)	U (2.5)	0.05 J (0.15)	2.8 (1.9)	0.86 J (1.9)	0.061 J (0.17)
Benzo(b)fluoranthene	76	170	U (0.12)	0.085 J (0.12)	U (0.12)	0.078 J (0.12)	U (0.12)	0.067 J (0.12)	0.18 (0.12)	0.12 (0.12)	U (1.9)	0.037 J (0.11)	2.6 (1.4)	0.69 J (1.4)	0.057 J (0.13)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.058 J (0.16)	U (0.16)	0.058 J (0.16)	U (0.16)	0.041 J (0.16)	0.099 J (0.16)	0.072 J (0.16)	U (2.5)	0.059 J (0.15)	1.8 J (1.9)	0.68 J (1.9)	0.047 J (0.17)
Chrysene	760	230	U (0.12)	0.5 (0.12)	0.038 J (0.12)	0.13 (0.12)	0.054 J (0.12)	0.13 (0.12)	0.15 (0.12)	0.26 (0.12)	1.9 (1.9)	0.051 J (0.11)	4.4 (1.4)	2.1 (1.4)	0.12 J (0.13)
Fluorene	130000	3800	0.021 J (0.2)	1.3 (0.2)	0.077 J (0.2)	0.16 J (0.19)	0.11 J (0.2)	0.12 J (0.21)	0.033 J (0.2)	0.061 J (0.2)	1.1 J (3.1)	U (0.19)	5.6 (2.4)	0.33 J (2.4)	0.04 J (0.22)
Naphthalene	66	25	U (0.2)	2.9 (0.2)	0.067 J (0.2)	0.69 (0.19)	0.74 (0.2)	0.61 (0.21)	0.031 J (0.2)	0.067 J (0.2)	U (3.1)	0.16 J (0.19)	3.6 (2.4)	0.34 J (2.4)	0.099 J (0.22)
Phenanthrene	190000	10000	0.05 J (0.12)	4 (0.12)	0.23 (0.12)	0.25 (0.12)	0.11 J (0.12)	0.21 (0.12)	0.34 (0.12)	0.14 (0.12)	2.6 (1.9)	0.054 J (0.11)	19 (1.4)	0.56 J (1.4)	0.15 (0.13)
Pyrene	96000	2200	U (0.12)	0.59 (0.12)	0.067 J (0.12)	0.17 (0.12)	0.069 J (0.12)	0.17 (0.12)	0.27 (0.12)	0.2 (0.12)	0.76 J (1.9)	0.06 J (0.11)	8.1 (1.4)	2.4 (1.4)	0.11 J (0.13)
Metals															
Lead	1000	450	98.8 (2.37)	358 (2.33)	99.1 (2.44)	646 (2.24)	155 (2.42)	786 (2.4)	87.6 (2.36)	26.2 (2.37)	141 (3.66)	514 (2.24)	1380 (2.82)	80.7 (2.9)	11.9 (2.52)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-C07-C2 201-C07	201-C07-CX 201-C07	201-C08-C1 201-C08	201-C08-C2 201-C08	201-C08-CX 201-C08	201-C09-C1 201-C09	201-C09-C2 201-C09	201-C09-CX 201-C09	201-C10-C1 201-C10	201-C10-C2 201-C10	201-C10-CX 201-C10	201-C11-C1 201-C11	201-C11-C2 201-C11
Field Sample ID	Value (0-2 ft bgs)	Value	201-C07-C2-COMP	201-C07-CX-COMP	201-C08-C1-COMP	201-C08-C2-COMP	201-C08-CX-COMP	201-C09-C1-COMP	201-C09-C2-COMP	201-C09-CX-COMP	201-C10-C1-COMP	201-C10-C2-COMP	201-C10-CX-COMP	201-C11-C1-COMP	201-C11-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/17/2022	2/22/2022	2/22/2022	2/22/2022	2/18/2022	2/18/2022	2/18/2022	3/28/2022	3/28/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.075 J (0.12)	0.072 J (0.12)	U (0.12)	0.9 (0.12)	U (0.12)	U (0.12)	U (0.13)	0.3 (0.12)	0.04 J (0.11)	0.24 (0.12)	U (3.5)	0.43 J (0.64)
Benzo(a)anthracene	130	340	U (0.12)	0.1 J (0.12)	0.087 J (0.12)	0.023 J (0.12)	0.99 (0.12)	U (0.12)	U (0.12)	U (0.13)	0.71 (0.12)	0.16 (0.11)	0.72 (0.12)	2.6 J (3.5)	1 (0.64)
Benzo(a)pyrene	91	46	U (0.17)	0.059 J (0.17)	0.095 J (0.16)	U (0.16)	0.9 (0.16)	U (0.16)	U (0.16)	U (0.17)	0.67 (0.15)	0.12 J (0.14)	0.74 (0.16)	5 (4.7)	1.2 (0.85)
Benzo(b)fluoranthene	76	170	U (0.12)	0.05 J (0.12)	0.055 J (0.12)	U (0.12)	0.41 (0.12)	U (0.12)	U (0.12)	U (0.13)	1 (0.12)	0.17 (0.11)	0.93 (0.12)	5.5 (3.5)	1.1 (0.64)
Benzo(g,h,i)perylene	190000	180	U (0.17)	0.06 J (0.17)	0.11 J (0.16)	U (0.16)	0.9 (0.16)	0.026 J (0.16)	U (0.16)	U (0.17)	0.4 (0.15)	0.11 J (0.14)	0.72 (0.16)	3.7 J (4.7)	0.78 J (0.85)
Chrysene	760	230	U (0.12)	0.2 (0.12)	0.098 J (0.12)	0.047 J (0.12)	1.2 (0.12)	0.046 J (0.12)	U (0.12)	0.035 J (0.13)	0.81 (0.12)	0.18 (0.11)	0.8 (0.12)	5.7 (3.5)	1.2 (0.64)
Fluorene	130000	3800	U (0.21)	0.11 J (0.21)	0.078 J (0.2)	U (0.2)	0.79 (0.2)	U (0.2)	U (0.2)	U (0.21)	0.22 (0.19)	U (0.18)	0.11 J (0.2)	1.7 J (5.9)	0.34 J (1.1)
Naphthalene	66	25	U (0.21)	0.81 (0.21)	U (0.2)	U (0.2)	0.16 J (0.2)	0.033 J (0.2)	U (0.2)	U (0.21)	0.061 J (0.19)	0.039 J (0.18)	0.29 (0.2)	1.7 J (5.9)	0.24 J (1.1)
Phenanthrene	190000	10000	U (0.12)	0.44 (0.12)	0.32 (0.12)	U (0.12)	1.8 (0.12)	U (0.12)	U (0.12)	U (0.13)	1.5 (0.12)	0.17 (0.11)	0.85 (0.12)	4.7 (3.5)	1.4 (0.64)
Pyrene	96000	2200	U (0.12)	0.21 (0.12)	0.25 (0.12)	0.044 J (0.12)	3.6 (0.12)	0.031 J (0.12)	U (0.12)	0.037 J (0.13)	1.2 (0.12)	0.24 (0.11)	1 (0.12)	5.6 (3.5)	2 (0.64)
Metals															
Lead	1000	450	11.9 (2.42)	139 (2.4)	15 (2.37)	58.4 (2.28)	55.6 (2.42)	6.28 (2.28)	8.82 J (11.9)	177 (2.45)	4230 (2.22)	225 (2.06)	226 (2.37)	257 (2.26)	2460 (2.5)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-C11-C3	201-C11-CX	201-D01-C1	201-D01-C2	201-D01-CX	201-D02-C1	201-D02-C2	201-D02-CX	201-D03-C1	201-D03-CX	201-D04-C1	201-D04-C2	201-D04-CX
Field Sample ID	Value (0-2 ft bgs)	Value	201-C11-C3-COMP	201-C11-CX-COMP	201-D01-C1-COMP	201-D01-C2-COMP	201-D01-CX-COMP	201-D02-C1-COMP	201-D02-C2-COMP	201-D02-CX-COMP	201-D03-C1-COMP	201-D03-CX-COMP	201-D04-C1-COMP	201-D04-C2-COMP	201-D04-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/28/2022	3/28/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	2/1/2022	2/1/2022	2/1/2022
PAHs															
Anthracene	190000	350	0.82 J (2.3)	U (4.8)	0.32 J (0.35)	0.26 J (0.34)	U (0.34)	U (0.13)	0.4 (0.12)	0.14 (0.12)	U (0.13)	U (0.3)	0.64 (0.12)	2.9 (0.12)	0.086 J (0.12)
Benzo(a)anthracene	130	340	2.6 (2.3)	2.4 J (4.8)	0.61 (0.35)	0.79 (0.34)	U (0.34)	0.085 J (0.13)	0.84 (0.12)	0.31 (0.12)	0.06 J (0.13)	U (0.3)	2.2 (0.12)	5.9 (0.12)	0.24 (0.12)
Benzo(a)pyrene	91	46	2.4 J (3.1)	3.2 J (6.4)	0.68 (0.46)	1 (0.46)	U (0.45)	0.11 J (0.17)	0.75 (0.16)	0.31 (0.15)	0.069 J (0.17)	U (0.4)	2.2 (0.16)	7.2 (0.16)	0.25 (0.16)
Benzo(b)fluoranthene	76	170	3.5 (2.3)	4.9 (4.8)	1 (0.35)	1.7 (0.34)	U (0.34)	0.12 J (0.13)	0.9 (0.12)	0.42 (0.12)	0.11 J (0.13)	U (0.3)	3.4 (0.12)	5.8 (0.59)	0.35 (0.12)
Benzo(g,h,i)perylene	190000	180	1.6 J (3.1)	2.6 J (6.4)	0.47 (0.46)	0.74 (0.46)	U (0.45)	0.087 J (0.17)	0.36 (0.16)	0.18 (0.15)	0.057 J (0.17)	U (0.4)	1.3 (0.16)	5.2 (0.16)	0.15 J (0.16)
Chrysene	760	230	8.5 (2.3)	8.8 (4.8)	0.91 (0.35)	1.1 (0.34)	U (0.34)	0.13 (0.13)	0.76 (0.12)	0.44 (0.12)	0.096 J (0.13)	U (0.3)	2.3 (0.12)	6.1 (0.12)	0.28 (0.12)
Fluorene	130000	3800	1.2 J (3.9)	1.3 J (8)	0.12 J (0.58)	0.12 J (0.57)	U (0.56)	U (0.21)	0.13 J (0.2)	0.083 J (0.19)	0.15 J (0.21)	0.07 J (0.5)	0.19 (0.19)	0.92 (0.2)	0.041 J (0.2)
Naphthalene	66	25	1.8 J (3.9)	3 J (8)	0.74 (0.58)	0.6 (0.57)	U (0.56)	0.14 J (0.21)	0.14 J (0.2)	0.35 (0.19)	1.1 (0.21)	0.11 J (0.5)	0.46 (0.19)	0.44 (0.2)	0.11 J (0.2)
Phenanthrene	190000	10000	4.7 (2.3)	1.2 J (4.8)	1.3 (0.35)	1.2 (0.34)	U (0.34)	0.16 (0.13)	1.3 (0.12)	0.71 (0.12)	0.2 (0.13)	0.085 J (0.3)	2.3 (0.12)	10 (0.59)	0.43 (0.12)
Pyrene	96000	2200	4.8 (2.3)	9.9 (4.8)	0.94 (0.35)	1.1 (0.34)	U (0.34)	0.1 J (0.13)	1.5 (0.12)	0.58 (0.12)	0.13 (0.13)	U (0.3)	3.6 (0.12)	11 (0.59)	0.39 (0.12)
Metals															
Lead	1000	450	<u>16700 (11.8)</u>	<u>17600 (13.4)</u>	289 (2.28)	294 (4.51)	224 (2.27)	<u>489 (2.43)</u>	<u>518 (2.32)</u>	260 (2.26)	16.9 (2.46)	7.5 J (10.1)	258 (2.24)	<u>808 (2.3)</u>	145 (2.32)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-D05-C1 201-D05	201-D05-C2 201-D05	201-D05-CX 201-D05	201-D06-C1 201-D06	201-D06-C2 201-D06	201-D06-CX 201-D06	201-D07-C1 201-D07	201-D07-C2 201-D07	201-D07-C3 201-D07	201-D07-CX 201-D07	201-D08-C1 201-D08	201-D08-C2 201-D08	201-D08-C3 201-D08
Field Sample ID	Value (0-2 ft bgs)	Value	201-D05-C1-COMP	201-D05-C2-COMP	201-D05-CX-COMP	201-D06-C1-COMP	201-D06-C2-COMP	201-D06-CX-COMP	201-D07-C1-COMP	201-D07-C2-COMP	201-D07-C3-COMP	201-D07-CX-COMP	201-D08-C1-COMP	201-D08-C2-COMP	201-D08-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	2/1/2022	2/1/2022	2/1/2022	2/22/2022	2/22/2022	2/22/2022	2/1/2022	2/1/2022	2/1/2022	2/1/2022	2/18/2022	2/18/2022	2/18/2022
PAHs															
Anthracene	190000	350	0.43 (0.12)	0.14 J (0.23)	0.2 (0.14)	U (1.3)	U (1.2)	0.31 (0.12)	0.056 J (0.11)	0.12 (0.12)	0.69 (0.12)	U (0.12)	0.14 (0.12)	U (1.3)	0.89 J (2.6)
Benzo(a)anthracene	130	340	0.82 (0.12)	0.37 (0.23)	0.3 (0.14)	0.71 J (1.3)	0.42 J (1.2)	0.54 (0.12)	0.13 (0.11)	0.18 (0.12)	1.5 (0.12)	0.12 (0.12)	0.32 (0.12)	0.65 J (1.3)	0.62 J (2.6)
Benzo(a)pyrene	91	46	0.67 (0.16)	0.28 J (0.31)	0.32 (0.19)	0.66 J (1.7)	U (1.5)	0.5 (0.16)	0.21 (0.15)	0.19 (0.16)	1.4 (0.16)	0.24 (0.16)	0.28 (0.16)	1 J (1.8)	U (3.5)
Benzo(b)fluoranthene	76	170	1.2 (0.12)	0.35 (0.23)	0.42 (0.14)	0.99 J (1.3)	0.57 J (1.2)	0.56 (0.12)	0.23 (0.11)	0.21 (0.12)	1.8 (0.12)	0.16 (0.12)	0.39 (0.12)	0.82 J (1.3)	U (2.6)
Benzo(g,h,i)perylene	190000	180	0.42 (0.16)	0.13 J (0.31)	0.24 (0.19)	0.76 J (1.7)	0.35 J (1.5)	0.29 (0.16)	0.2 (0.15)	0.11 J (0.16)	0.62 (0.16)	0.2 (0.16)	0.28 (0.16)	1.3 J (1.8)	U (3.5)
Chrysene	760	230	1.1 (0.12)	0.54 (0.23)	0.44 (0.14)	1.9 (1.3)	0.61 J (1.2)	0.55 (0.12)	0.18 (0.11)	0.18 (0.12)	1.5 (0.12)	0.14 (0.12)	0.45 (0.12)	1.1 J (1.3)	0.56 J (2.6)
Fluorene	130000	3800	0.32 (0.19)	0.16 J (0.39)	0.43 (0.23)	0.35 J (2.2)	0.2 J (1.9)	0.17 J (0.2)	0.027 J (0.18)	0.092 J (0.2)	0.29 (0.2)	U (0.2)	0.087 J (0.2)	U (2.2)	1.5 J (4.4)
Naphthalene	66	25	0.68 (0.19)	0.18 J (0.39)	3.6 (0.23)	0.59 J (2.2)	0.24 J (1.9)	0.2 (0.2)	0.12 J (0.18)	0.042 J (0.2)	0.12 J (0.2)	0.062 J (0.2)	0.16 J (0.2)	0.82 J (2.2)	8 (4.4)
Phenanthrene	190000	10000	1.2 (0.12)	0.38 (0.23)	0.98 (0.14)	0.83 J (1.3)	0.67 J (1.2)	1 (0.12)	0.19 (0.11)	0.41 (0.12)	2.9 (0.12)	0.076 J (0.12)	0.44 (0.12)	0.93 J (1.3)	4 (2.6)
Pyrene	96000	2200	1.2 (0.12)	0.62 (0.23)	0.54 (0.14)	2.1 (1.3)	0.68 J (1.2)	0.99 (0.12)	0.23 (0.11)	0.28 (0.12)	3 (0.12)	0.11 J (0.12)	0.58 (0.12)	0.56 J (1.3)	2.1 J (2.6)
Metals															
Lead	1000	450	152 (2.22)	74.7 (2.21)	2390 (2.69)	3.75 (2.56)	224 (2.3)	10.8 (2.33)	147 (4.24)	100 (2.36)	61.4 (2.42)	73.6 (2.27)	549 (2.38)	4610 (2.57)	11700 (2.53)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-D08-CX 201-D08	201-D09-C1 201-D09	201-D09-C2 201-D09	201-D09-C3 201-D09	201-D09-CX 201-D09	201-D10-C1 201-D10	201-D10-C2 201-D10	201-D10-CX 201-D10	201-D11-C1 201-D11	201-D11-C2 201-D11	201-D11-CX 201-D11	201-D12-C1 201-D12	201-D12-CX 201-D12
Field Sample ID	Value (0-2 ft bgs)	Value	201-D08-CX-COMP	201-D09-C1-COMP	201-D09-C2-COMP	201-D09-C3-COMP	201-D09-CX-COMP	201-D10-C1-COMP	201-D10-C2-COMP	201-D10-CX-COMP	201-D11-C1-COMP	201-D11-C2-COMP	201-D11-CX-COMP	201-D12-C1-COMP	201-D12-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	2/18/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/21/2022	2/18/2022	2/18/2022
PAHs															
Anthracene	190000	350	2.7 (2.7)	0.064 J (0.12)	U (0.6)	U (0.11)	U (0.12)	0.073 J (0.12)	0.18 (0.12)	0.11 J (0.12)	0.3 (0.11)	0.091 J (0.12)	22 (2.3)	0.34 (0.11)	U (0.12)
Benzo(a)anthracene	130	340	2 J (2.7)	0.24 (0.12)	U (0.6)	0.053 J (0.11)	U (0.12)	0.12 (0.12)	0.62 (0.12)	0.45 (0.12)	0.42 (0.11)	0.091 J (0.12)	23 (2.3)	0.27 (0.11)	0.023 J (0.12)
Benzo(a)pyrene	91	46	1.2 J (3.7)	0.24 (0.16)	U (0.8)	0.047 J (0.15)	U (0.15)	0.1 J (0.16)	0.76 (0.16)	0.43 (0.16)	0.35 (0.15)	0.086 J (0.15)	15 (3)	0.18 (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	1.1 J (2.7)	0.3 (0.12)	U (0.6)	0.048 J (0.11)	U (0.12)	0.12 (0.12)	0.97 (0.12)	0.57 (0.12)	0.51 (0.11)	0.12 (0.12)	20 (2.3)	0.25 (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.97 J (3.7)	0.15 J (0.16)	0.15 J (0.8)	U (0.15)	U (0.15)	0.046 J (0.16)	0.55 (0.16)	0.22 (0.16)	0.2 (0.15)	0.046 J (0.15)	5.2 (0.15)	0.16 (0.15)	U (0.16)
Chrysene	760	230	4.3 (2.7)	0.25 (0.12)	0.1 J (0.6)	0.047 J (0.11)	U (0.12)	0.11 J (0.12)	0.7 (0.12)	0.44 (0.12)	0.4 (0.11)	0.11 J (0.12)	20 (2.3)	0.25 (0.11)	0.033 J (0.12)
Fluorene	130000	3800	3.6 J (4.6)	0.02 J (0.2)	U (1)	U (0.19)	U (0.19)	0.037 J (0.2)	0.07 J (0.19)	0.032 J (0.2)	0.21 (0.19)	0.19 (0.19)	9.7 (3.8)	0.31 (0.18)	0.076 J (0.2)
Naphthalene	66	25	9.7 (4.6)	0.052 J (0.2)	U (1)	U (0.19)	U (0.19)	0.026 J (0.2)	0.18 J (0.19)	U (0.2)	0.048 J (0.19)	0.15 J (0.19)	7 (0.19)	0.36 (0.18)	0.044 J (0.2)
Phenanthrene	190000	10000	11 (2.7)	0.29 (0.12)	0.13 J (0.6)	0.082 J (0.11)	U (0.12)	0.26 (0.12)	0.85 (0.12)	0.43 (0.12)	0.75 (0.11)	0.53 (0.12)	82 (2.3)	1.2 (0.11)	0.18 (0.12)
Pyrene	96000	2200	5.6 (2.7)	0.41 (0.12)	0.13 J (0.6)	0.087 J (0.11)	U (0.12)	0.19 (0.12)	1 (0.12)	0.79 (0.12)	1.1 (0.11)	0.26 (0.12)	40 (2.3)	0.5 (0.11)	0.048 J (0.12)
Metals															
Lead	1000	450	<u>39400 (26.3)</u>	503 (2.3)	6.04 (2.36)	233 (11.1)	7.27 (2.32)	29.7 (12)	239 (2.35)	914 (2.35)	488 (2.16)	31.8 (11.2)	47.6 (11.4)	876 (2.09)	7.9 (4.73)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-E01-C1 201-E01 201-E01-C1-COMP 2/23/2022	201-E01-CX 201-E01 201-E01-CX-COMP 2/23/2022	201-E02-C1 201-E02 201-E02-C1-COMP 2/23/2022	201-E02-CX 201-E02 201-E02-CX-COMP 2/23/2022	201-E03-C1 201-E03 201-E03-C1-COMP 4/19/2022	201-E03-CX 201-E03 201-E03-CX-COMP 4/19/2022	201-E04-C1 201-E04 201-E04-C1-COMP 2/23/2022	201-E04-C2 201-E04 201-E04-C2-COMP 2/23/2022	201-E04-CX 201-E04 201-E04-CX-COMP 2/23/2022	201-E05-C1 201-E05 201-E05-C1-COMP 2/23/2022	201-E05-CX 201-E05 201-E05-CX-COMP 2/23/2022	201-F01-C1 201-F01 201-F01-C1-COMP 4/19/2022	201-F01-CX 201-F01 201-F01-CX-COMP 4/19/2022
PAHs															
Anthracene	190000	350	0.14 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.057 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.12 (0.12)	U (0.12)	0.065 J (0.12)	U (0.12)	0.082 J (0.12)	U (0.12)	0.18 (0.12)	U (0.12)	U (0.11)	0.066 J (0.11)	U (0.12)	0.074 J (0.12)	U (0.11)
Benzo(a)pyrene	91	46	0.094 J (0.16)	U (0.16)	0.057 J (0.16)	U (0.16)	0.076 J (0.16)	U (0.15)	0.18 (0.16)	U (0.16)	U (0.14)	0.074 J (0.14)	U (0.16)	0.09 J (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.068 J (0.12)	U (0.12)	0.066 J (0.12)	U (0.12)	0.09 J (0.12)	U (0.12)	0.21 (0.12)	U (0.12)	U (0.11)	0.079 J (0.11)	U (0.12)	0.099 J (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.082 J (0.16)	U (0.16)	0.036 J (0.16)	U (0.16)	0.044 J (0.16)	U (0.15)	0.1 J (0.16)	U (0.16)	U (0.14)	0.067 J (0.14)	U (0.16)	0.05 J (0.16)	U (0.15)
Chrysene	760	230	0.24 (0.12)	U (0.12)	0.058 J (0.12)	U (0.12)	0.078 J (0.12)	0.021 J (0.12)	0.18 (0.12)	U (0.12)	U (0.11)	0.074 J (0.11)	U (0.12)	0.068 J (0.12)	U (0.11)
Fluorene	130000	3800	0.24 (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	0.031 J (0.2)	U (0.2)	U (0.18)	U (0.18)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	0.057 J (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	0.032 J (0.2)	U (0.2)	U (0.18)	0.027 J (0.18)	U (0.2)	U (0.2)	U (0.19)
Phenanthrene	190000	10000	0.59 (0.12)	U (0.12)	0.097 J (0.12)	U (0.12)	0.062 J (0.12)	U (0.12)	0.32 (0.12)	U (0.12)	U (0.11)	0.066 J (0.11)	U (0.12)	0.044 J (0.12)	U (0.11)
Pyrene	96000	2200	0.65 (0.12)	U (0.12)	0.098 J (0.12)	U (0.12)	0.12 (0.12)	0.028 J (0.12)	0.31 (0.12)	U (0.12)	U (0.11)	0.094 J (0.11)	U (0.12)	0.097 J (0.12)	U (0.11)
Metals															
Lead	1000	450	57.5 (2.33)	40 (2.23)	11.5 (2.35)	6.16 (2.4)	13.2 (2.32)	124 (2.28)	151 (2.33)	10 (2.32)	6.29 (2.12)	103 (2.2)	14.6 (2.43)	51.2 (2.35)	17.4 (2.28)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	201-F02-C1	201-F02-CX	201-F03-C1	201-F03-C2	201-F03-CX	201-F04-C1	201-F04-CX	201-F05-C1	201-F05-CX	202-A01-C1	202-A01-C2	202-A01-C3	202-A01-CX
Field Sample ID	Value (0-2 ft bgs)	Value	201-F02	201-F02	201-F03	201-F03	201-F03	201-F04	201-F04	201-F05	201-F05	202-A01	202-A01	202-A01	202-A01
Sample Date	(mg/kg)	(mg/kg)	4/19/2022	4/19/2022	2/24/2022	2/24/2022	2/24/2022	4/19/2022	4/19/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
PAHs															
Anthracene	190000	350	0.4 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.37 (0.11)	U (0.11)	U (0.11)	U (0.11)	0.12 (0.11)	U (0.1)
Benzo(a)anthracene	130	340	0.036 J (0.12)	U (0.12)	0.026 J (0.12)	U (0.12)	U (0.12)	0.057 J (0.12)	0.13 (0.12)	1.3 (0.11)	U (0.11)	0.07 J (0.11)	0.028 J (0.11)	0.025 J (0.11)	U (0.1)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.065 J (0.16)	0.16 (0.15)	1.5 (0.15)	U (0.15)	0.07 J (0.15)	U (0.15)	U (0.14)	U (0.14)
Benzo(b)fluoranthene	76	170	0.049 J (0.12)	U (0.12)	0.036 J (0.12)	U (0.12)	U (0.12)	0.071 J (0.12)	0.17 (0.12)	1.6 (0.11)	U (0.11)	0.091 J (0.11)	0.04 J (0.11)	U (0.11)	U (0.1)
Benzo(g,h,i)perylene	190000	180	0.038 J (0.16)	U (0.16)	0.048 J (0.16)	U (0.16)	U (0.16)	0.034 J (0.16)	0.14 J (0.15)	0.73 (0.15)	U (0.15)	0.05 J (0.15)	U (0.15)	U (0.14)	U (0.14)
Chrysene	760	230	0.047 J (0.12)	U (0.12)	0.027 J (0.12)	U (0.12)	U (0.12)	0.06 J (0.12)	0.19 (0.12)	1.3 (0.11)	U (0.11)	0.073 J (0.11)	0.024 J (0.11)	0.035 J (0.11)	U (0.1)
Fluorene	130000	3800	1.1 (0.2)	0.1 J (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	0.19 (0.19)	U (0.19)	0.031 J (0.19)	U (0.19)	1.2 (0.18)	U (0.17)
Naphthalene	66	25	0.26 (0.2)	0.55 (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	0.038 J (0.19)	0.12 J (0.19)	U (0.19)	0.037 J (0.19)	U (0.19)	0.21 (0.18)	U (0.17)
Phenanthrene	190000	10000	2.7 (0.12)	0.15 (0.12)	U (0.12)	U (0.12)	U (0.12)	0.099 J (0.12)	0.1 J (0.12)	1.8 (0.11)	U (0.11)	0.12 (0.11)	U (0.11)	1.8 (0.11)	U (0.1)
Pyrene	96000	2200	0.32 (0.12)	0.02 J (0.12)	0.022 J (0.12)	U (0.12)	U (0.12)	0.089 J (0.12)	0.23 (0.12)	2.5 (0.11)	U (0.11)	0.11 (0.11)	0.032 J (0.11)	0.13 (0.11)	U (0.1)
Metals															
Lead	1000	450	53 (2.38)	10.8 (2.36)	22.2 (2.24)	37.9 (12.3)	5.23 (2.27)	101 (12)	1160 (11.4)	19.2 (2.26)	37.2 (2.3)	17.1 (2.26)	58.4 (2.21)	52.3 (2.12)	3.95 (2.03)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-A02-C1 202-A02	202-A02-CX 202-A02	202-A03-C1 202-A03	202-A03-C2 202-A03	202-A03-C3 202-A03	202-A03-CX 202-A03	202-A04-C1 202-A04	202-A04-C2 202-A04	202-A04-C3 202-A04	202-A04-CX 202-A04	202-A05-C1 202-A05	202-A05-C2 202-A05	202-A05-CX 202-A05
Field Sample ID	Value (0-2 ft bgs)	Value	202-A02-C1-COMP	202-A02-CX-COMP	202-A03-C1-COMP	202-A03-C2-COMP	202-A03-C3-COMP	202-A03-CX-COMP	202-A04-C1-COMP	202-A04-C2-COMP	202-A04-C3-COMP	202-A04-CX-COMP	202-A05-C1-COMP	202-A05-C2-COMP	202-A05-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.56)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.034 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.56)	U (0.12)	U (0.12)	U (0.12)	0.096 J (0.11)	0.027 J (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.75)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.035 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.56)	U (0.12)	U (0.12)	U (0.12)	0.18 (0.11)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.75)	U (0.16)	U (0.16)	U (0.16)	0.1 J (0.15)	U (0.16)	U (0.16)
Chrysene	760	230	0.032 J (0.12)	U (0.11)	0.029 J (0.11)	U (0.12)	U (0.13)	U (0.12)	0.42 J (0.56)	U (0.12)	U (0.12)	U (0.12)	0.098 J (0.11)	0.024 J (0.12)	U (0.12)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.21)	U (0.2)	0.84 J (0.94)	U (0.2)	U (0.2)	U (0.19)	U (0.18)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.21)	U (0.2)	0.16 J (0.94)	U (0.2)	U (0.2)	U (0.19)	U (0.18)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	0.033 J (0.12)	U (0.11)	0.031 J (0.11)	U (0.12)	U (0.13)	U (0.12)	1.5 (0.56)	U (0.12)	U (0.12)	U (0.12)	0.061 J (0.11)	U (0.12)	U (0.12)
Pyrene	96000	2200	0.049 J (0.12)	U (0.11)	0.032 J (0.11)	U (0.12)	U (0.13)	U (0.12)	0.44 J (0.56)	U (0.12)	U (0.12)	U (0.12)	0.1 J (0.11)	0.033 J (0.12)	U (0.12)
Metals															
Lead	1000	450	150 (2.26)	7.65 (2.22)	37.2 (2.15)	22.6 (2.42)	16.1 (2.46)	4.68 (2.42)	15.1 (4.34)	7.9 (2.47)	8.57 (2.41)	6.46 (2.26)	6.81 (4.49)	5.82 (2.32)	9.53 (2.35)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-A06-C1	202-A06-C2	202-A06-C3	202-A06-CX	202-A07-C1	202-A07-C2	202-A07-C3	202-A07-CX	202-A08-C1	202-A08-C2	202-A08-CX	202-A09-C1	202-A09-C2
Field Sample ID	Value (0-2 ft bgs)	Value	202-A06-C1-COMP	202-A06-C2-COMP	202-A06-C3-COMP	202-A06-CX-COMP	202-A07-C1-COMP	202-A07-C2-COMP	202-A07-C3-COMP	202-A07-CX-COMP	202-A08-C1-COMP	202-A08-C2-COMP	202-A08-CX-COMP	202-A09-C1-COMP	202-A09-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022	2/24/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.05 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Benzo(a)anthracene	130	340	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.1 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Benzo(a)pyrene	91	46	U (0.16)	U (0.17)	U (0.16)	U (0.14)	U (0.16)	U (0.18)	U (0.15)	U (0.15)	0.07 J (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.18)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.075 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.17)	U (0.16)	U (0.14)	U (0.16)	U (0.18)	U (0.15)	U (0.15)	0.034 J (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.18)
Chrysene	760	230	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.097 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Fluorene	130000	3800	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.2)	U (0.22)	U (0.19)	U (0.19)	0.019 J (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.22)
Naphthalene	66	25	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.2)	U (0.22)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.22)
Phenanthrene	190000	10000	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.2 (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Pyrene	96000	2200	U (0.12)	U (0.13)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.19 (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)
Metals															
Lead	1000	450	4.23 (2.32)	5.03 (4.89)	4.99 (2.28)	3.2 (2.04)	5.78 (4.84)	6.19 (5.3)	4.12 (2.26)	4.11 (2.22)	8.04 J (11.6)	8.53 J (11.5)	4.24 (2.32)	23.9 (11.2)	8.98 J (13.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-A09-C3 202-A09	202-A09-CX 202-A09	202-B01-C1 202-B01	202-B01-C2 202-B01	202-B01-C3 202-B01	202-B01-CX 202-B01	202-B02-C1 202-B02	202-B02-C2 202-B02	202-B02-C3 202-B02	202-B02-CX 202-B02	202-B03-C1 202-B03	202-B03-C2 202-B03	202-B03-C3 202-B03	
Field Sample ID	Value (0-2 ft bgs)	Value	202-A09-C3-COMP	202-A09-CX-COMP	202-B01-C1-COMP	202-B01-C2-COMP	202-B01-C3-COMP	202-B01-CX-COMP	202-B02-C1-COMP	202-B02-C2-COMP	202-B02-C3-COMP	202-B02-CX-COMP	202-B03-C1-COMP	202-B03-C2-COMP	202-B03-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	2/24/2022	2/24/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/2/2022	3/2/2022	3/2/2022	
PAHs																
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	0.2 J (0.6)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	0.045 J (0.12)	U (0.6)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.8)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	0.052 J (0.12)	U (0.6)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.8)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	0.043 J (0.12)	0.26 J (0.6)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	2.4 (1)	0.084 J (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	U (0.19)	U (0.19)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	1.7 (1)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	U (0.19)	U (0.19)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	0.057 J (0.12)	2.5 (0.6)	0.14 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	0.066 J (0.12)	0.19 J (0.6)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Metals																
Lead	1000	450	7.03 J (11.5)	7.76 J (12.2)	53.7 (2.36)	8.04 (2.34)	3.55 (2.3)	6.64 (2.37)	12.7 (2.37)	5.52 (2.31)	6.08 (2.46)	6.98 (2.34)	10.9 (2.28)	26 (2.28)	4.32 (2.39)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-B03-CX 202-B03	202-B04-C1 202-B04	202-B04-C2 202-B04	202-B04-C3 202-B04	202-B04-C4 202-B04	202-B04-CX 202-B04	202-B05-C1 202-B05	202-B05-C2 202-B05	202-B05-C3 202-B05	202-B05-CX 202-B05	202-B06-C1 202-B06	202-B06-C2 202-B06	202-B06-CX 202-B06
Field Sample ID	Value (0-2 ft bgs)	Value	202-B03-CX-COMP 3/2/2022	202-B04-C1-COMP 3/2/2022	202-B04-C2-COMP 3/2/2022	202-B04-C3-COMP 3/2/2022	202-B04-C4-COMP 3/2/2022	202-B04-CX-COMP 3/2/2022	202-B05-C1-COMP 3/2/2022	202-B05-C2-COMP 3/2/2022	202-B05-C3-COMP 3/2/2022	202-B05-CX-COMP 3/2/2022	202-B06-C1-COMP 3/1/2022	202-B06-C2-COMP 3/1/2022	202-B06-CX-COMP 3/1/2022
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.024 J (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.18)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.18)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.022 J (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.22)	U (0.2)	U (0.19)	U (0.2)	U (0.18)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.22)	U (0.2)	U (0.19)	U (0.2)	U (0.18)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.032 J (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Metals															
Lead	1000	450	6.28 (4.6)	8 (2.38)	5.46 (2.35)	7.22 (2.35)	5.99 (4.58)	4.69 J (4.7)	46.1 (4.35)	4.61 J (4.81)	45.9 (2.6)	4.84 (2.36)	4.86 (2.3)	5.78 J (11.3)	4.05 (2.14)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-B07-C1	202-B07-C2	202-B07-C3	202-B07-CX	202-B08-C1	202-B08-C2	202-B08-C3	202-B08-CX	202-B09-C1	202-B09-C2	202-B09-CX	202-B10-C1	202-B10-C2
Field Sample ID	Value (0-2 ft bgs)	Value	202-B07-C1-COMP	202-B07-C2-COMP	202-B07-C3-COMP	202-B07-CX-COMP	202-B08-C1-COMP	202-B08-C2-COMP	202-B08-C3-COMP	202-B08-CX-COMP	202-B09-C1-COMP	202-B09-C2-COMP	202-B09-CX-COMP	202-B10-C1-COMP	202-B10-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	3/1/2022	3/1/2022	3/1/2022	3/1/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022	2/25/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.11)	U (0.11)	0.1 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(a)anthracene	130	340	U (0.11)	U (0.12)	U (0.11)	0.04 J (0.11)	0.3 (0.12)	U (0.12)	0.13 (0.12)	U (0.12)	0.11 J (0.12)	0.074 J (0.12)	U (0.12)	0.12 (0.12)	U (0.13)
Benzo(a)pyrene	91	46	U (0.15)	U (0.16)	U (0.15)	0.045 J (0.15)	0.26 (0.16)	U (0.16)	0.13 J (0.15)	U (0.16)	0.1 J (0.16)	0.064 J (0.15)	U (0.16)	0.11 J (0.16)	U (0.18)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.12)	U (0.11)	0.052 J (0.11)	0.3 (0.12)	U (0.12)	0.15 (0.12)	U (0.12)	0.11 J (0.12)	0.082 J (0.12)	U (0.12)	0.12 (0.12)	U (0.13)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.16)	U (0.15)	0.031 J (0.15)	0.18 (0.16)	U (0.16)	0.078 J (0.15)	U (0.16)	0.056 J (0.16)	0.037 J (0.15)	U (0.16)	0.066 J (0.16)	U (0.18)
Chrysene	760	230	U (0.11)	U (0.12)	U (0.11)	0.039 J (0.11)	0.32 (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	0.11 J (0.12)	0.063 J (0.12)	U (0.12)	0.12 (0.12)	U (0.13)
Fluorene	130000	3800	U (0.19)	U (0.2)	U (0.19)	U (0.18)	0.036 J (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.22)
Naphthalene	66	25	U (0.19)	U (0.2)	U (0.19)	0.045 J (0.18)	0.14 J (0.2)	U (0.2)	0.032 J (0.19)	U (0.2)	U (0.19)	U (0.19)	U (0.2)	0.026 J (0.2)	U (0.22)
Phenanthrene	190000	10000	U (0.11)	U (0.12)	U (0.11)	0.045 J (0.11)	0.51 (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	0.14 (0.12)	0.093 J (0.12)	U (0.12)	0.13 (0.12)	U (0.13)
Pyrene	96000	2200	0.025 J (0.11)	U (0.12)	U (0.11)	0.059 J (0.11)	0.59 (0.12)	U (0.12)	0.22 (0.12)	U (0.12)	0.19 (0.12)	0.11 J (0.12)	U (0.12)	0.18 (0.12)	U (0.13)
Metals															
Lead	1000	450	10.2 (2.22)	6.72 J (11.5)	43.5 (2.21)	83.6 (11)	9.44 (2.42)	12.9 (12)	129 (11.5)	6.59 J (12.1)	147 (11.1)	28.6 (11.5)	10.3 (2.34)	85 (11.6)	34.9 (2.58)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-B10-C3	202-B10-CX	202-C01-C1	202-C01-C2	202-C01-C3	202-C01-CX	202-C02-C1	202-C02-C2	202-C02-C3	202-C02-C4	202-C02-CX	202-C03-C1	202-C03-C2
Field Sample ID	Value (0-2 ft bgs)	Value	202-B10-C3-COMP	202-B10-CX-COMP	202-C01-C1-COMP	202-C01-C2-COMP	202-C01-C3-COMP	202-C01-CX-COMP	202-C02-C1-COMP	202-C02-C2-COMP	202-C02-C3-COMP	202-C02-C4-COMP	202-C02-CX-COMP	202-C03-C1-COMP	202-C03-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	2/25/2022	2/25/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	0.15 (0.12)	0.2 (0.12)	0.05 J (0.12)	0.12 (0.1)	1.5 (0.12)	0.23 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.054 J (0.12)	U (0.12)	0.32 (0.12)	0.22 (0.12)	U (0.12)	U (0.1)	3.5 (0.12)	0.074 J (0.11)	0.043 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.05 J (0.16)	U (0.16)	0.37 (0.16)	0.28 (0.16)	U (0.17)	U (0.14)	3.6 (0.15)	0.072 J (0.15)	U (0.16)	U (0.15)	U (0.16)	U (0.17)	U (0.16)
Benzo(b)fluoranthene	76	170	0.056 J (0.12)	U (0.12)	0.42 (0.12)	0.32 (0.12)	U (0.12)	U (0.1)	4.6 (0.12)	0.086 J (0.11)	0.051 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.03 J (0.16)	U (0.16)	0.2 (0.16)	0.16 (0.16)	U (0.17)	U (0.14)	1.9 (0.15)	0.052 J (0.15)	0.031 J (0.16)	U (0.15)	U (0.16)	U (0.17)	U (0.16)
Chrysene	760	230	0.052 J (0.12)	U (0.12)	0.33 (0.12)	0.24 (0.12)	U (0.12)	U (0.1)	3.4 (0.12)	0.25 (0.11)	0.05 J (0.12)	U (0.12)	0.037 J (0.12)	0.043 J (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.19)	0.19 J (0.2)	0.59 (0.2)	0.37 (0.21)	0.82 (0.17)	0.61 (0.19)	1.3 (0.19)	0.11 J (0.2)	U (0.19)	0.18 J (0.2)	0.24 (0.21)	0.1 J (0.2)
Naphthalene	66	25	U (0.2)	U (0.19)	0.16 J (0.2)	0.68 (0.2)	1.3 (0.21)	U (0.17)	0.22 (0.19)	0.39 (0.19)	0.032 J (0.2)	U (0.19)	0.037 J (0.2)	0.049 J (0.21)	U (0.2)
Phenanthrene	190000	10000	0.057 J (0.12)	U (0.12)	0.45 (0.12)	1.1 (0.12)	0.5 (0.12)	1.2 (0.1)	5.6 (0.12)	2.2 (0.11)	0.19 (0.12)	U (0.12)	0.3 (0.12)	0.44 (0.12)	0.077 J (0.12)
Pyrene	96000	2200	0.078 J (0.12)	U (0.12)	0.57 (0.12)	0.43 (0.12)	0.022 J (0.12)	0.059 J (0.1)	6.5 (0.12)	0.37 (0.11)	0.086 J (0.12)	U (0.12)	0.049 J (0.12)	0.051 J (0.12)	U (0.12)
Metals															
Lead	1000	450	5.51 (2.28)	2.99 (2.3)	13 (2.39)	7.74 (2.35)	5.59 (2.48)	5.7 (2.02)	220 (2.22)	139 (2.18)	28.6 (2.29)	7.84 (4.48)	7.63 (2.36)	57.6 (4.92)	42.8 (4.6)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-C03-C3	202-C03-C4	202-C03-CX	202-C04-C1	202-C04-C2	202-C04-C3	202-C04-CX	202-C05-C1	202-C05-C2	202-C05-C3	202-C05-CX	202-C06-C1	202-C06-C2
			202-C03	202-C03	202-C03	202-C04	202-C04	202-C04	202-C04	202-C04	202-C05	202-C05	202-C05	202-C05	202-C06
Field Sample ID	Value (0-2 ft bgs)	Value	202-C03-C3-COMP	202-C03-C4-COMP	202-C03-CX-COMP	202-C04-C1-COMP	202-C04-C2-COMP	202-C04-C3-COMP	202-C04-CX-COMP	202-C05-C1-COMP	202-C05-C2-COMP	202-C05-C3-COMP	202-C05-CX-COMP	202-C06-C1-COMP	202-C06-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	4/1/2022	4/1/2022	4/1/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	4/1/2022	4/1/2022	4/1/2022	4/1/2022	3/4/2022	3/4/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	U (0.11)	0.041 J (0.12)	U (0.12)	0.08 J (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.11)	0.022 J (0.11)	0.24 (0.12)	U (0.12)	0.17 (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.022 J (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.15)	U (0.15)	0.25 (0.16)	U (0.16)	0.14 J (0.16)	U (0.17)	U (0.17)	U (0.17)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.11)	0.032 J (0.11)	0.32 (0.12)	U (0.12)	0.16 (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.15)	0.022 J (0.15)	0.14 J (0.16)	U (0.16)	0.055 J (0.16)	U (0.17)	U (0.17)	U (0.17)	U (0.16)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.11)	0.04 J (0.11)	0.25 (0.12)	U (0.12)	0.15 (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.021 J (0.12)
Fluorene	130000	3800	0.039 J (0.2)	U (0.19)	U (0.18)	U (0.18)	U (0.2)	U (0.2)	0.038 J (0.2)	U (0.21)	U (0.21)	U (0.21)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.19)	U (0.18)	U (0.18)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.21)	U (0.21)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.11)	U (0.11)	U (0.11)	0.14 (0.12)	U (0.12)	0.3 (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.11)	0.045 J (0.11)	0.37 (0.12)	U (0.12)	0.27 (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.027 J (0.12)
Metals															
Lead	1000	450	5.96 (2.29)	10.5 (4.46)	7.14 (2.07)	10.4 (2.15)	110 (2.48)	37.5 (2.33)	76.1 (2.36)	7.56 (2.4)	4.61 (2.44)	5.69 (2.42)	9.25 (2.31)	8.58 (2.4)	71.9 (11.5)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-C06-C3	202-C06-CX	202-C07-C1	202-C07-C2	202-C07-C3	202-C07-C4	202-C07-CX	202-C08-C1	202-C08-C2	202-C08-C3	202-C08-C4	202-C08-CX	202-C09-C1
Field Sample ID	Value (0-2 ft bgs)	Value	202-C06-C3-COMP	202-C06-CX-COMP	202-C07-C1-COMP	202-C07-C2-COMP	202-C07-C3-COMP	202-C07-C4-COMP	202-C07-CX-COMP	202-C08-C1-COMP	202-C08-C2-COMP	202-C08-C3-COMP	202-C08-C4-COMP	202-C08-CX-COMP	202-C09-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/1/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.14)	U (0.15)	U (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.14)	U (0.15)	U (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.16)	U (0.15)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.18)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.19)	U (0.2)	U (0.18)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.18)	U (0.2)	0.037 J (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.19)	U (0.2)	U (0.18)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Metals															
Lead	1000	450	7.94 (2.39)	4.8 (2.42)	24 (2.07)	6.04 (2.31)	4.26 (2.22)	5.12 (2.28)	7.14 J (11.6)	19.6 (2.35)	6.28 (2.4)	8.05 (2.48)	5.62 (2.27)	5.19 (2.34)	7.25 (2.23)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-C09-C2 202-C09	202-C09-C3 202-C09	202-C09-CX 202-C09	202-C10-C1 202-C10	202-C10-C2 202-C10	202-C10-C3 202-C10	202-C10-CX 202-C10	202-C11-C1 202-C11	202-C11-C2 202-C11	202-C11-CX 202-C11	202-C12-C1 202-C12	202-C12-C2 202-C12	202-C12-C3 202-C12
Field Sample ID	Value (0-2 ft bgs)	Value	202-C09-C2-COMP 3/1/2022	202-C09-C3-COMP 3/1/2022	202-C09-CX-COMP 3/1/2022	202-C10-C1-COMP 2/28/2022	202-C10-C2-COMP 2/28/2022	202-C10-C3-COMP 2/28/2022	202-C10-CX-COMP 2/28/2022	202-C11-C1-COMP 2/28/2022	202-C11-C2-COMP 2/28/2022	202-C11-CX-COMP 2/28/2022	202-C12-C1-COMP 3/9/2022	202-C12-C2-COMP 3/9/2022	202-C12-C3-COMP 3/9/2022
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.048 J (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	0.052 J (0.12)	0.13 (0.12)	U (0.1)	U (0.11)	0.072 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.11 J (0.16)	U (0.14)	U (0.15)	0.08 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	0.058 J (0.12)	0.12 (0.12)	U (0.1)	U (0.11)	0.092 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	0.034 J (0.16)	0.078 J (0.16)	U (0.14)	U (0.15)	0.062 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	0.053 J (0.12)	0.13 (0.12)	U (0.1)	U (0.11)	0.076 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Fluorene	130000	3800	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.18)	U (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.21)
Naphthalene	66	25	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.18)	0.036 J (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.21)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	0.055 J (0.12)	0.24 (0.12)	U (0.1)	U (0.11)	0.067 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	0.083 J (0.12)	0.25 (0.12)	U (0.1)	0.02 J (0.11)	0.091 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Metals															
Lead	1000	450	7.7 (2.29)	11 (2.27)	6.86 J (12)	8.17 (2.37)	7.54 J (11.5)	5.02 (2.04)	36.1 (2.17)	74.1 (11.4)	4.77 (2.39)	11.2 J (11.8)	8.4 (2.28)	7.01 (2.27)	9.3 (2.49)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-C12-C4	202-C12-CX	202-D01-C1	202-D01-C2	202-D01-C3	202-D01-C4	202-D01-CX	202-D02-C1	202-D02-C2	202-D02-C3	202-D02-CX	202-D03-C1	202-D03-C2
Field Sample ID	Value (0-2 ft bgs)	Value	202-C12-C4-COMP	202-C12-CX-COMP	202-D01-C1-COMP	202-D01-C2-COMP	202-D01-C3-COMP	202-D01-C4-COMP	202-D01-CX-COMP	202-D02-C1-COMP	202-D02-C2-COMP	202-D02-C3-COMP	202-D02-CX-COMP	202-D03-C1-COMP	202-D03-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	3/9/2022	3/9/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	4/4/2022	4/4/2022	4/4/2022	4/4/2022	4/4/2022	4/4/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	U (0.11)	0.07 J (0.11)	0.069 J (0.12)	U (0.12)	0.052 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.14)	U (0.15)	0.064 J (0.15)	0.06 J (0.16)	U (0.16)	0.05 J (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	0.094 J (0.11)	0.072 J (0.12)	U (0.12)	0.071 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.15)	0.044 J (0.15)	0.032 J (0.16)	U (0.16)	0.035 J (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.11)	U (0.11)	0.071 J (0.11)	0.062 J (0.12)	U (0.12)	0.056 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.065 J (0.19)	0.15 J (0.19)	U (0.2)	0.086 J (0.2)
Naphthalene	66	25	U (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	0.17 J (0.19)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.11)	U (0.11)	0.056 J (0.11)	0.085 J (0.12)	U (0.12)	0.046 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.12 (0.11)	0.34 (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.11)	U (0.11)	0.1 J (0.11)	0.091 J (0.12)	U (0.12)	0.08 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.035 J (0.12)	U (0.12)	0.048 J (0.12)
Metals															
Lead	1000	450	7.25 (2.18)	7.98 (2.2)	181 (2.22)	4.79 (2.44)	5.67 (2.26)	63.2 (2.27)	5.13 (2.23)	5.21 (2.35)	7.67 (2.42)	5.45 (2.22)	6.51 (2.27)	13.5 (2.35)	4.71 (2.33)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	202-D03-C3	202-D03-CX	202-D04-C1	202-D04-C2	202-D04-C3	202-D04-CX	202-D05-C1	202-D05-C2	202-D05-C3	202-D05-C4	202-D05-CX	202-D06-C1	202-D06-C2
	Direct Contact	Groundwater	202-D03	202-D03	202-D04	202-D04	202-D04	202-D04	202-D05	202-D05	202-D05	202-D05	202-D05	202-D06	202-D06
Field Sample ID	Value (0-2 ft bgs)	Value	202-D03-C3-COMP	202-D03-CX-COMP	202-D04-C1-COMP	202-D04-C2-COMP	202-D04-C3-COMP	202-D04-CX-COMP	202-D05-C1-COMP	202-D05-C2-COMP	202-D05-C3-COMP	202-D05-C4-COMP	202-D05-CX-COMP	202-D06-C1-COMP	202-D06-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	4/4/2022	4/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022	3/7/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.18)	U (0.16)	U (0.17)	U (0.15)	U (0.18)	U (0.19)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.18)	U (0.16)	U (0.17)	U (0.15)	U (0.18)	U (0.19)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.23)	U (0.2)	U (0.21)	U (0.19)	U (0.22)	U (0.23)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.23)	U (0.2)	U (0.21)	U (0.19)	U (0.22)	U (0.23)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Pyrene	96000	2200	U (0.12)	0.022 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.11)	U (0.13)	U (0.14)
Metals															
Lead	1000	450	5.16 (2.39)	7.23 J (11.6)	5.85 (2.39)	6.4 (2.32)	3.06 (2.34)	4.19 (2.26)	8.26 (2.4)	7.53 (2.57)	20.3 (2.34)	9.19 (2.48)	5.27 (2.24)	5.84 (2.55)	9.58 (2.75)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-D06-C3	202-D06-CX	202-D07-C1	202-D07-C2	202-D07-C3	202-D07-C4	202-D07-CX	202-D08-C1	202-D08-C2	202-D08-C3	202-D08-CX	202-D09-C1	202-D09-C2
Field Sample ID	Value (0-2 ft bgs)	Value	202-D06-C3-COMP	202-D06-CX-COMP	202-D07-C1-COMP	202-D07-C2-COMP	202-D07-C3-COMP	202-D07-C4-COMP	202-D07-CX-COMP	202-D08-C1-COMP	202-D08-C2-COMP	202-D08-C3-COMP	202-D08-CX-COMP	202-D09-C1-COMP	202-D09-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	3/7/2022	3/7/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.034 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.14)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.14)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.039 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.14)	U (0.16)	0.025 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.14)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.031 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.19)	U (0.19)	U (0.2)	U (0.19)	U (0.18)	U (0.2)	U (0.18)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.19)	U (0.19)	U (0.2)	U (0.19)	U (0.18)	U (0.2)	U (0.18)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.033 J (0.11)	U (0.12)	0.069 J (0.12)	U (0.12)	U (0.11)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.046 J (0.11)	U (0.12)	0.037 J (0.12)	U (0.12)	U (0.11)	U (0.12)
Metals															
Lead	1000	450	4.9 (2.29)	4.24 (2.21)	35.2 (2.28)	4.61 (2.35)	5.39 (2.27)	2.43 (2.08)	7.02 (2.32)	38 (2.21)	5.75 (2.22)	8.79 J (11.5)	13.3 (11.6)	6.8 (2.21)	6.45 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-D09-C3	202-D09-C4	202-D09-CX	202-E01-C1	202-E01-C2	202-E01-C3	202-E01-C4	202-E01-CX	202-E02-C1	202-E02-C2	202-E02-C3	202-E02-CX	202-E03-C1
Field Sample ID	Value (0-2 ft bgs)	Value	202-D09-C3-COMP	202-D09-C4-COMP	202-D09-CX-COMP	202-E01-C1-COMP	202-E01-C2-COMP	202-E01-C3-COMP	202-E01-C4-COMP	202-E01-CX-COMP	202-E02-C1-COMP	202-E02-C2-COMP	202-E02-C3-COMP	202-E02-CX-COMP	202-E03-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	3/8/2022	3/8/2022	3/8/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/24/2022	3/24/2022	3/24/2022	3/24/2022	3/24/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	0.03 J (0.11)	0.026 J (0.12)	0.087 J (0.12)	U (0.13)	U (0.11)	0.04 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	0.081 J (0.15)	U (0.17)	U (0.14)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	0.041 J (0.11)	U (0.12)	0.098 J (0.12)	U (0.13)	U (0.11)	0.039 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	0.041 J (0.15)	U (0.16)	0.051 J (0.15)	U (0.17)	U (0.14)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	0.026 J (0.11)	0.027 J (0.12)	0.088 J (0.12)	U (0.13)	U (0.11)	0.034 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.2)	U (0.19)	U (0.21)	0.052 J (0.18)	U (0.19)	U (0.18)	U (0.19)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.2)	U (0.19)	U (0.21)	0.12 J (0.18)	U (0.19)	U (0.18)	U (0.19)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.067 J (0.12)	0.16 (0.12)	U (0.13)	U (0.11)	0.06 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	0.029 J (0.11)	0.052 J (0.12)	0.15 (0.12)	U (0.13)	U (0.11)	0.056 J (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	6.29 (2.35)	6.76 (2.45)	9.29 J (11.8)	59.3 (2.2)	80.2 (2.29)	79.1 (2.33)	25.7 (12.5)	2.35 (2.13)	13.1 (11.5)	49.7 (10.6)	4.72 (2.16)	3.37 (2.34)	44.9 (11.7)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-E03-C2 202-E03	202-E03-C3 202-E03	202-E03-CX 202-E03	202-E04-C1 202-E04	202-E04-C2 202-E04	202-E04-C3 202-E04	202-E04-CX 202-E04	202-E05-C1 202-E05	202-E05-C2 202-E05	202-E05-C3 202-E05	202-E05-CX 202-E05	202-E06-C1 202-E06	202-E06-C2 202-E06
Field Sample ID	Value (0-2 ft bgs)	Value	202-E03-C2-COMP	202-E03-C3-COMP	202-E03-CX-COMP	202-E04-C1-COMP	202-E04-C2-COMP	202-E04-C3-COMP	202-E04-CX-COMP	202-E05-C1-COMP	202-E05-C2-COMP	202-E05-C3-COMP	202-E05-CX-COMP	202-E06-C1-COMP	202-E06-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	3/24/2022	3/24/2022	3/24/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/22/2022	3/22/2022	3/22/2022	3/22/2022	3/23/2022	3/23/2022
PAHs															
Anthracene	190000	350	0.094 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.35 (0.12)	0.12 (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.057 J (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.34 (0.16)	0.1 J (0.16)	U (0.14)	U (0.15)	U (0.18)	U (0.18)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	0.065 J (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.44 (0.12)	0.13 (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.079 J (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.22 (0.16)	0.065 J (0.16)	U (0.14)	U (0.15)	U (0.18)	U (0.18)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	0.043 J (0.16)	U (0.16)
Chrysene	760	230	0.33 (0.12)	0.11 J (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.055 J (0.12)	U (0.12)
Fluorene	130000	3800	0.026 J (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.22)	U (0.22)	U (0.2)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	0.042 J (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.22)	U (0.22)	U (0.2)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	0.36 (0.12)	0.11 J (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.051 J (0.12)	U (0.12)
Pyrene	96000	2200	0.55 (0.12)	0.15 (0.12)	U (0.11)	0.026 J (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.087 J (0.12)	U (0.12)
Metals															
Lead	1000	450	320 (2.32)	129 (11.8)	8.53 J (10.4)	46.5 (11.4)	15.7 (2.52)	5.95 (2.65)	5.55 (2.33)	317 (12.7)	13.1 (12.2)	14 (11.5)	10.5 J (11.8)	2.6 (2.28)	19.8 (2.33)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-E06-C3 202-E06	202-E06-CX 202-E06	202-E07-C1 202-E07	202-E07-C2 202-E07	202-E07-C3 202-E07	202-E07-CX 202-E07	202-E08-C1 202-E08	202-E08-C2 202-E08	202-E08-C3 202-E08	202-E08-C4 202-E08	202-E08-CX 202-E08	202-E09-C1 202-E09	202-E09-C2 202-E09
Field Sample ID	Value (0-2 ft bgs)	Value	202-E06-C3-COMP	202-E06-CX-COMP	202-E07-C1-COMP	202-E07-C2-COMP	202-E07-C3-COMP	202-E07-CX-COMP	202-E08-C1-COMP	202-E08-C2-COMP	202-E08-C3-COMP	202-E08-C4-COMP	202-E08-CX-COMP	202-E09-C1-COMP	202-E09-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022
PAHs															
Anthracene	190000	350	U (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.1)	U (0.12)	U (0.12)	0.14 J (0.12)	0.044 J (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.044 J (0.11)	U (0.12)
Benzo(a)pyrene	91	46	U (0.14)	U (0.16)	U (0.16)	0.14 J (0.16)	0.051 J (0.15)	U (0.16)	U (0.15)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	U (0.14)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.1)	U (0.12)	U (0.12)	0.16 (0.12)	0.052 J (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.052 J (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.16)	U (0.16)	0.078 J (0.16)	0.027 J (0.15)	U (0.16)	U (0.15)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	0.022 J (0.14)	U (0.16)
Chrysene	760	230	0.042 J (0.1)	U (0.12)	U (0.12)	0.15 (0.12)	0.041 J (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.04 J (0.11)	U (0.12)
Fluorene	130000	3800	0.02 J (0.17)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.2)	U (0.19)	U (0.21)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	0.02 J (0.2)
Naphthalene	66	25	U (0.17)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.2)	U (0.19)	U (0.21)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	U (0.2)
Phenanthrene	190000	10000	0.21 (0.1)	U (0.12)	U (0.12)	0.11 J (0.12)	0.055 J (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.059 J (0.11)	0.05 J (0.12)
Pyrene	96000	2200	0.021 J (0.1)	U (0.12)	U (0.12)	0.23 (0.12)	0.067 J (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.063 J (0.11)	U (0.12)
Metals															
Lead	1000	450	2.15 (2.07)	52.6 (2.38)	7.12 (2.35)	6.58 J (11.3)	18.4 (2.17)	8.42 J (12)	1.65 J (2.24)	8.26 (2.45)	3.2 (2.12)	5.72 (2.35)	6.03 (2.36)	73.1 (10.8)	6.92 (2.32)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-E09-C3	202-E09-C4	202-E09-CX	202-E10-C1	202-E10-C2	202-E10-C3	202-E10-C4	202-E10-CX	202-E11-C1	202-E11-C2	202-E11-C3	202-E11-CX	202-E12-C1
Field Sample ID	Value (0-2 ft bgs)	Value	202-E09-C3-COMP	202-E09-C4-COMP	202-E09-CX-COMP	202-E10-C1-COMP	202-E10-C2-COMP	202-E10-C3-COMP	202-E10-C4-COMP	202-E10-CX-COMP	202-E11-C1-COMP	202-E11-C2-COMP	202-E11-C3-COMP	202-E11-CX-COMP	202-E12-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	3/10/2022	3/10/2022	3/10/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	4/28/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/10/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.1)	U (0.11)	U (0.13)	0.15 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.1)	U (0.11)	U (0.13)	0.63 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.14)	U (0.14)	U (0.18)	0.68 (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	U (0.14)	U (0.14)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.1)	U (0.11)	U (0.13)	0.74 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.14)	U (0.14)	U (0.18)	0.32 (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	U (0.14)	U (0.14)	U (0.15)
Chrysene	760	230	U (0.12)	U (0.1)	0.02 J (0.11)	U (0.13)	0.61 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Fluorene	130000	3800	U (0.2)	0.02 J (0.18)	0.031 J (0.18)	U (0.22)	0.093 J (0.22)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.17)	U (0.18)	U (0.19)
Naphthalene	66	25	U (0.2)	U (0.18)	0.25 (0.18)	U (0.22)	1.4 (0.22)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.17)	U (0.18)	U (0.19)
Phenanthrene	190000	10000	U (0.12)	0.071 J (0.1)	0.11 (0.11)	U (0.13)	0.54 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Pyrene	96000	2200	U (0.12)	U (0.1)	U (0.11)	U (0.13)	0.61 (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.1)	U (0.1)	U (0.11)
Metals															
Lead	1000	450	2.28 J (2.4)	5.13 (2.06)	1.89 J (2.07)	196 (5.22)	3.89 (2.52)	32 (12)	14.3 (4.89)	4.2 (2.32)	5.56 (4.54)	1.83 J (2.14)	1.59 J (2.02)	6.32 (2.05)	5.7 (2.25)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-E12-C2 202-E12	202-E12-C3 202-E12	202-E12-CX 202-E12	202-E13-C1 202-E13	202-E13-C2 202-E13	202-E13-C3 202-E13	202-E13-C4 202-E13	202-E13-CX 202-E13	202-E14-C1 202-E14	202-E14-C2 202-E14	202-E14-C3 202-E14	202-E14-CX 202-E14	202-E15-C1 202-E15
Field Sample ID	Value (0-2 ft bgs)	Value	202-E12-C2-COMP 3/10/2022	202-E12-C3-COMP 3/10/2022	202-E12-CX-COMP 3/10/2022	202-E13-C1-COMP 3/9/2022	202-E13-C2-COMP 3/9/2022	202-E13-C3-COMP 3/9/2022	202-E13-C4-COMP 3/9/2022	202-E13-CX-COMP 3/9/2022	202-E14-C1-COMP 3/9/2022	202-E14-C2-COMP 3/9/2022	202-E14-C3-COMP 3/9/2022	202-E14-CX-COMP 3/9/2022	202-E15-C1-COMP 3/10/2022
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)
Metals															
Lead	1000	450	7.42 (2.27)	6.96 (2.38)	5.69 (4.5)	7.73 J (12)	13.2 (2.4)	5.73 (2.37)	7.49 J (12.1)	5.03 (2.36)	7.74 (2.3)	5.31 (2.35)	18.3 (11)	4.47 (2.17)	11.6 J (12.2)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-E15-C2 202-E15	202-E15-C3 202-E15	202-E15-CX 202-E15	202-F01-C1 202-F01	202-F01-CX 202-F01	202-F02-C1 202-F02	202-F02-C2 202-F02	202-F02-C3 202-F02	202-F02-CX 202-F02	202-F03-C1 202-F03	202-F03-C2 202-F03	202-F03-C3 202-F03	202-F03-CX 202-F03	
Field Sample ID	Value (0-2 ft bgs)	Value	202-E15-C2-COMP 3/10/2022	202-E15-C3-COMP 3/10/2022	202-E15-CX-COMP 3/10/2022	202-F01-C1-COMP 4/12/2022	202-F01-CX-COMP 4/12/2022	202-F02-C1-COMP 3/25/2022	202-F02-C2-COMP 3/25/2022	202-F02-C3-COMP 3/25/2022	202-F02-CX-COMP 3/25/2022	202-F03-C1-COMP 3/25/2022	202-F03-C2-COMP 3/25/2022	202-F03-C3-COMP 3/25/2022	202-F03-CX-COMP 3/25/2022	
Sample Date	(mg/kg)	(mg/kg)														
PAHs																
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.27 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	1 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Benzo(a)pyrene	91	46	U (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	1.3 (0.16)	U (0.17)	U (0.17)	U (0.19)	
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	1.5 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	0.8 (0.16)	U (0.17)	U (0.17)	U (0.19)	
Chrysene	760	230	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.88 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Fluorene	130000	3800	U (0.2)	U (0.18)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	0.18 J (0.19)	0.079 J (0.2)	U (0.21)	U (0.21)	U (0.24)	
Naphthalene	66	25	U (0.2)	U (0.18)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	3.9 (0.19)	0.071 J (0.2)	U (0.21)	U (0.21)	U (0.24)	
Phenanthrene	190000	10000	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.29 (0.11)	0.67 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.02 J (0.11)	0.97 (0.12)	U (0.13)	U (0.13)	U (0.14)	
Metals																
Lead	1000	450	25.6 (2.33)	6.1 (2.18)	6.25 (2.3)	27.7 (11.2)	7.57 J (11.3)	8.38 (2.33)	6.17 (4.74)	4.92 (2.34)	6.04 (2.22)	7.58 (4.55)	31.9 (2.46)	7.63 (2.48)	6.26 (2.7)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-F04-C1	202-F04-C2	202-F04-C3	202-F04-CX	202-F05-C1	202-F05-C2	202-F05-C3	202-F05-CX	202-F06-C1	202-F06-C2	202-F06-C3	202-F06-C4	202-F06-CX
Field Sample ID	Value (0-2 ft bgs)	Value	202-F04-C1-COMP	202-F04-C2-COMP	202-F04-C3-COMP	202-F04-CX-COMP	202-F05-C1-COMP	202-F05-C2-COMP	202-F05-C3-COMP	202-F05-CX-COMP	202-F06-C1-COMP	202-F06-C2-COMP	202-F06-C3-COMP	202-F06-C4-COMP	202-F06-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/25/2022	3/25/2022	3/25/2022	3/25/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.1)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.036 J (0.1)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	0.083 J (0.14)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.058 J (0.1)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	0.13 J (0.14)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.054 J (0.1)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.2)	U (0.18)	U (0.18)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.2)	U (0.18)	U (0.18)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	0.067 J (0.1)	U (0.11)	U (0.11)	0.024 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.11)	U (0.13)	0.02 J (0.12)	0.052 J (0.1)	U (0.11)	U (0.11)	0.029 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	6.22 (2.34)	5.73 (2.36)	6.91 (4.31)	8.68 (2.46)	31.8 (2.4)	70.8 (2.14)	5.36 (2.1)	6.96 (2.2)	13.5 (11.2)	8.87 J (11.4)	6.83 J (11.7)	7.32 J (11.2)	224 (11.8)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-F07-C1	202-F07-C2	202-F07-C3	202-F07-C4	202-F07-CX	202-F08-C1	202-F08-C2	202-F08-C3	202-F08-CX	202-F09-C1	202-F09-C2	202-F09-CX	202-F10-C1	
Field Sample ID	Value (0-2 ft bgs)	Value	202-F07	202-F07	202-F07	202-F07	202-F07	202-F08	202-F08	202-F08	202-F08	202-F09	202-F09	202-F09	202-F10	
Sample Date	(mg/kg)	(mg/kg)	202-F07-C1-COMP	202-F07-C2-COMP	202-F07-C3-COMP	202-F07-C4-COMP	202-F07-CX-COMP	202-F08-C1-COMP	202-F08-C2-COMP	202-F08-C3-COMP	202-F08-CX-COMP	202-F09-C1-COMP	202-F09-C2-COMP	202-F09-CX-COMP	202-F10-C1-COMP	
			4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022	4/28/2022	4/28/2022	4/28/2022	4/6/2022	
PAHs																
Anthracene	190000	350	U (0.12)	U (0.12)	0.04 J (0.12)	U (0.12)	0.058 J (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	0.031 J (0.13)	0.023 J (0.12)	U (0.12)	U (0.12)	
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	0.04 J (0.13)	U (0.12)	U (0.12)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	0.029 J (0.13)	0.02 J (0.12)	U (0.12)	U (0.12)	
Fluorene	130000	3800	0.092 J (0.2)	0.043 J (0.21)	0.55 (0.2)	0.23 (0.2)	1.6 (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.19)	
Naphthalene	66	25	0.15 J (0.2)	0.15 J (0.21)	0.56 (0.2)	1.9 (0.2)	5.3 (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.19)	
Phenanthrene	190000	10000	0.095 J (0.12)	U (0.12)	0.54 (0.12)	0.1 J (0.12)	1.4 (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	0.025 J (0.13)	0.023 J (0.12)	U (0.12)	U (0.12)	
Metals																
Lead	1000	450	6.17 (2.42)	5.07 (2.45)	8.53 (2.42)	8.23 (2.31)	8.68 (2.3)	60.3 (2.38)	6.14 (2.27)	7.2 (2.45)	27.4 (2.38)	79.3 (4.89)	4.44 (2.28)	6.21 (2.35)	62.2 (2.34)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-F10-C2	202-F10-C3	202-F10-C4	202-F10-CX	202-F11-C1	202-F11-C2	202-F11-C3	202-F11-CX	202-F12-C1	202-F12-C2	202-F12-C3	202-F12-CX	202-F13-C1
Field Sample ID	Value (0-2 ft bgs)	Value	202-F10-C2-COMP	202-F10-C3-COMP	202-F10-C4-COMP	202-F10-CX-COMP	202-F11-C1-COMP	202-F11-C2-COMP	202-F11-C3-COMP	202-F11-CX-COMP	202-F12-C1-COMP	202-F12-C2-COMP	202-F12-C3-COMP	202-F12-CX-COMP	202-F13-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/8/2022	4/8/2022	4/8/2022	4/8/2022	4/12/2022	4/12/2022	4/12/2022	4/12/2022	4/8/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.1)	0.069 J (0.1)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.067 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	0.081 J (0.12)	U (0.1)	0.022 J (0.1)	0.03 J (0.12)	U (0.12)	U (0.11)	0.032 J (0.11)	0.19 (0.12)	U (0.13)	U (0.12)	U (0.12)	0.097 J (0.12)
Benzo(a)pyrene	91	46	U (0.15)	0.084 J (0.15)	U (0.14)	U (0.14)	U (0.16)	U (0.16)	U (0.14)	U (0.14)	0.15 J (0.16)	U (0.17)	U (0.16)	U (0.16)	0.12 J (0.16)
Benzo(b)fluoranthene	76	170	U (0.11)	0.091 J (0.12)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.037 J (0.11)	0.16 (0.12)	U (0.13)	U (0.12)	U (0.12)	0.18 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	0.055 J (0.15)	U (0.14)	0.021 J (0.14)	U (0.16)	U (0.16)	U (0.14)	U (0.14)	0.082 J (0.16)	U (0.17)	U (0.16)	U (0.16)	0.077 J (0.16)
Chrysene	760	230	U (0.11)	0.08 J (0.12)	U (0.1)	0.031 J (0.1)	0.026 J (0.12)	U (0.12)	U (0.11)	0.031 J (0.11)	0.19 (0.12)	U (0.13)	U (0.12)	U (0.12)	0.11 J (0.12)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.17)	0.13 J (0.18)	U (0.2)	U (0.2)	U (0.18)	U (0.18)	0.044 J (0.2)	U (0.22)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.17)	0.024 J (0.18)	U (0.2)	U (0.2)	U (0.18)	U (0.18)	0.09 J (0.2)	U (0.22)	U (0.2)	U (0.2)	0.024 J (0.19)
Phenanthrene	190000	10000	U (0.11)	0.083 J (0.12)	U (0.1)	0.28 (0.1)	0.038 J (0.12)	U (0.12)	U (0.11)	0.093 J (0.11)	0.34 (0.12)	U (0.13)	U (0.12)	U (0.12)	0.074 J (0.12)
Pyrene	96000	2200	U (0.11)	0.14 (0.12)	U (0.1)	0.15 (0.1)	0.043 J (0.12)	U (0.12)	U (0.11)	0.056 J (0.11)	0.3 (0.12)	0.032 J (0.13)	U (0.12)	U (0.12)	0.1 J (0.12)
Metals															
Lead	1000	450	24.7 (2.25)	303 (11.4)	5.1 (2.06)	65.3 (2.01)	349 (2.4)	9.94 (2.41)	4.36 (2.07)	3.58 (2.05)	140 (2.24)	85.6 (12.7)	8.24 (2.49)	4.21 (2.39)	52.6 (2.25)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-F13-C2	202-F13-C3	202-F13-C4	202-F13-CX	202-F14-C1	202-F14-C2	202-F14-C3	202-F14-CX	202-F15-C1	202-F15-C2	202-F15-C3	202-F15-C4	202-F15-CX
Field Sample ID	Value (0-2 ft bgs)	Value	202-F13-C2-COMP	202-F13-C3-COMP	202-F13-C4-COMP	202-F13-CX-COMP	202-F14-C1-COMP	202-F14-C2-COMP	202-F14-C3-COMP	202-F14-CX-COMP	202-F15-C1-COMP	202-F15-C2-COMP	202-F15-C3-COMP	202-F15-C4-COMP	202-F15-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	4/8/2022	4/8/2022	4/8/2022	4/8/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	3/18/2022	3/18/2022	3/18/2022	3/18/2022	3/18/2022
PAHs															
Anthracene	190000	350	2.9 (0.12)	U (0.11)	0.14 (0.12)	U (0.12)	0.074 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.32)	0.15 (0.1)	U (0.1)	U (0.1)	5.8 (0.12)
Benzo(a)anthracene	130	340	2.2 (0.12)	0.039 J (0.11)	0.078 J (0.12)	U (0.12)	0.56 (0.12)	0.036 J (0.12)	U (0.12)	U (0.12)	0.098 J (0.32)	0.31 (0.1)	0.047 J (0.1)	U (0.1)	7.5 (0.58)
Benzo(a)pyrene	91	46	2 (0.16)	U (0.15)	0.08 J (0.16)	U (0.16)	0.55 (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.43)	0.28 (0.14)	0.044 J (0.14)	U (0.14)	6 (0.77)
Benzo(b)fluoranthene	76	170	2.3 (0.12)	0.052 J (0.11)	0.094 J (0.12)	U (0.12)	0.67 (0.12)	0.039 J (0.12)	U (0.12)	U (0.12)	0.12 J (0.32)	0.32 (0.1)	0.051 J (0.1)	U (0.1)	7.8 (0.58)
Benzo(g,h,i)perylene	190000	180	1.2 (0.16)	0.039 J (0.15)	0.075 J (0.16)	U (0.16)	0.27 (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.43)	0.15 (0.14)	U (0.14)	U (0.14)	3.8 (0.15)
Chrysene	760	230	2.1 (0.12)	0.046 J (0.11)	0.089 J (0.12)	U (0.12)	0.54 (0.12)	0.034 J (0.12)	U (0.12)	U (0.12)	0.1 J (0.32)	0.29 (0.1)	0.045 J (0.1)	U (0.1)	6.4 (0.58)
Fluorene	130000	3800	2.7 (0.2)	0.092 J (0.19)	0.84 (0.2)	0.12 J (0.2)	0.032 J (0.21)	0.048 J (0.2)	U (0.2)	U (0.2)	U (0.54)	0.082 J (0.18)	0.017 J (0.18)	U (0.17)	3.5 (0.19)
Naphthalene	66	25	U (0.2)	0.059 J (0.19)	0.87 (0.2)	0.74 (0.2)	U (0.21)	0.16 J (0.2)	U (0.2)	U (0.2)	U (0.54)	0.082 J (0.18)	U (0.18)	U (0.17)	1.2 (0.19)
Phenanthrene	190000	10000	16 (1.2)	0.21 (0.11)	1.6 (0.12)	0.15 (0.12)	0.24 (0.12)	0.11 J (0.12)	U (0.12)	U (0.12)	0.069 J (0.32)	0.54 (0.1)	0.11 (0.1)	0.035 J (0.1)	18 (0.58)
Pyrene	96000	2200	6.7 (0.12)	0.065 J (0.11)	0.18 (0.12)	U (0.12)	0.82 (0.12)	0.075 J (0.12)	U (0.12)	U (0.12)	0.14 J (0.32)	0.54 (0.1)	0.094 J (0.1)	0.027 J (0.1)	13 (0.58)
Metals															
Lead	1000	450	68.5 (2.36)	31.3 (2.29)	10.5 (2.3)	6.1 (2.35)	259 (2.42)	99.2 (11.7)	9.54 J (11.6)	17.1 (11.6)	47 (2.16)	26.9 (2.08)	4.35 (2.1)	5.16 (2.05)	16.5 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-F16-C1	202-F16-C2	202-F16-C3	202-F16-C4	202-F16-CX	202-F17-C1	202-F17-C2	202-F17-C3	202-F17-CX	202-G01-C1	202-G01-C2	202-G01-C3	202-G01-CX	
Field Sample ID	Value (0-2 ft bgs)	Value	202-F16	202-F16	202-F16	202-F16	202-F16	202-F17	202-F17	202-F17	202-F17	202-G01	202-G01	202-G01	202-G01	
Sample Date	(mg/kg)	(mg/kg)	202-F16-C1-COMP	202-F16-C2-COMP	202-F16-C3-COMP	202-F16-C4-COMP	202-F16-CX-COMP	202-F17-C1-COMP	202-F17-C2-COMP	202-F17-C3-COMP	202-F17-CX-COMP	202-G01-C1-COMP	202-G01-C2-COMP	202-G01-C3-COMP	202-G01-CX-COMP	
			3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/16/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	
PAHs																
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.18)	U (0.19)	
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.18)	U (0.19)	
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	
Metals																
Lead	1000	450	4.41 (2.36)	4.53 (2.38)	4.52 (2.37)	5.09 (2.44)	6.76 (2.39)	59.3 (2.27)	4.42 (2.32)	4.21 (2.35)	4.47 (2.65)	35.6 (11.2)	4.76 (2.33)	2.33 (2.15)	2.4 (2.29)	

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-G02-C1	202-G02-C2	202-G02-C3	202-G02-C4	202-G02-CX	202-G03-C1	202-G03-C2	202-G03-C3	202-G03-CX	202-G04-C1	202-G04-C2	202-G04-C3	202-G04-C4
Field Sample ID	Value (0-2 ft bgs)	Value	202-G02-C1-COMP	202-G02-C2-COMP	202-G02-C3-COMP	202-G02-C4-COMP	202-G02-CX-COMP	202-G03-C1-COMP	202-G03-C2-COMP	202-G03-C3-COMP	202-G03-CX-COMP	202-G04-C1-COMP	202-G04-C2-COMP	202-G04-C3-COMP	202-G04-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/14/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022	3/11/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)
Benzo(a)anthracene	130	340	0.052 J (0.12)	0.082 J (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)
Benzo(a)pyrene	91	46	0.048 J (0.16)	0.065 J (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.14)	U (0.17)	U (0.16)	U (0.14)	U (0.14)	U (0.15)
Benzo(b)fluoranthene	76	170	0.061 J (0.12)	0.1 J (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.026 J (0.16)	0.044 J (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.14)	U (0.17)	U (0.16)	U (0.14)	U (0.14)	U (0.15)
Chrysene	760	230	0.053 J (0.12)	0.088 J (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.21)	U (0.2)	U (0.17)	U (0.18)	U (0.18)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.21)	U (0.2)	U (0.17)	U (0.18)	U (0.18)
Phenanthrene	190000	10000	0.12 (0.12)	0.13 (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.062 J (0.12)	U (0.1)	U (0.11)	0.022 J (0.11)
Pyrene	96000	2200	0.11 J (0.12)	0.13 (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)
Metals															
Lead	1000	450	62.1 (11.6)	24.8 (11.3)	6.76 J (11.5)	17.8 (11.2)	7.91 J (12.2)	6.04 (2.35)	6.8 (4.8)	2.48 (2.14)	2.78 (2.39)	7.04 (4.8)	3.77 (2.03)	2.32 (2.17)	2.12 J (2.16)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-G04-CX 202-G04	202-G05-C1 202-G05	202-G05-C2 202-G05	202-G05-C3 202-G05	202-G05-C4 202-G05	202-G05-CX 202-G05	202-G06-C1 202-G06	202-G06-C2 202-G06	202-G06-C3 202-G06	202-G06-CX 202-G06	202-G07-C1 202-G07	202-G07-C2 202-G07	202-G07-C3 202-G07	
Field Sample ID	Value (0-2 ft bgs)	Value	202-G04-CX-COMP 3/11/2022	202-G05-C1-COMP 3/15/2022	202-G05-C2-COMP 3/15/2022	202-G05-C3-COMP 3/15/2022	202-G05-C4-COMP 3/15/2022	202-G05-CX-COMP 3/15/2022	202-G06-C1-COMP 3/21/2022	202-G06-C2-COMP 3/21/2022	202-G06-C3-COMP 3/21/2022	202-G06-CX-COMP 3/21/2022	202-G07-C1-COMP 3/16/2022	202-G07-C2-COMP 3/16/2022	202-G07-C3-COMP 3/16/2022	
Sample Date	(mg/kg)	(mg/kg)														
PAHs																
Anthracene	190000	350	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	7.2 J (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(a)anthracene	130	340	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	18 (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(a)pyrene	91	46	U (0.16)	U (0.17)	U (0.15)	U (0.16)	U (0.17)	U (0.14)	U (0.15)	22 (10)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	27 (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.17)	U (0.15)	U (0.16)	U (0.17)	U (0.14)	U (0.15)	13 (10)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	
Chrysene	760	230	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	20 (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Fluorene	130000	3800	U (0.2)	U (0.21)	U (0.18)	U (0.2)	U (0.21)	U (0.17)	U (0.18)	6.9 J (13)	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.18)	
Naphthalene	66	25	U (0.2)	U (0.21)	U (0.18)	U (0.2)	U (0.21)	U (0.17)	U (0.18)	8.7 J (13)	U (0.2)	U (0.2)	U (0.19)	U (0.21)	U (0.18)	
Phenanthrene	190000	10000	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	46 (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Pyrene	96000	2200	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.13)	U (0.1)	U (0.11)	44 (7.9)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Metals																
Lead	1000	450	6.26 (2.44)	7.12 (2.47)	3.28 (2.2)	5.83 (4.84)	5.99 (5.04)	5.39 (2.09)	7.91 (4.44)	5.92 (5.06)	48.4 (4.66)	15.8 (4.58)	5.27 (2.3)	4.82 (2.54)	6.2 (2.18)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-G07-CX 202-G07	202-G08-C1 202-G08	202-G08-C2 202-G08	202-G08-C3 202-G08	202-G08-CX 202-G08	202-G09-C1 202-G09	202-G09-C2 202-G09	202-G09-C3 202-G09	202-G09-CX 202-G09	202-G10-C1 202-G10	202-G10-C2 202-G10	202-G10-CX 202-G10	202-H01-C1 202-H01
Field Sample ID	Value (0-2 ft bgs)	Value	202-G07-CX-COMP	202-G08-C1-COMP	202-G08-C2-COMP	202-G08-C3-COMP	202-G08-CX-COMP	202-G09-C1-COMP	202-G09-C2-COMP	202-G09-C3-COMP	202-G09-CX-COMP	202-G10-C1-COMP	202-G10-C2-COMP	202-G10-CX-COMP	202-H01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	3/16/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	3/15/2022	3/15/2022	3/15/2022	4/11/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	0.034 J (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.16)	U (0.17)	U (0.18)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.18)	U (0.16)	U (0.18)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.16)	U (0.17)	U (0.18)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.18)	U (0.16)	U (0.18)	0.023 J (0.15)
Chrysene	760	230	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	0.035 J (0.12)
Fluorene	130000	3800	U (0.19)	U (0.21)	U (0.21)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.23)	U (0.2)	U (0.22)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.21)	U (0.21)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.23)	U (0.2)	U (0.22)	0.044 J (0.19)
Phenanthrene	190000	10000	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	0.15 (0.12)
Pyrene	96000	2200	U (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.13)	0.082 J (0.12)
Metals															
Lead	1000	450	1.82 J (2.29)	16 (2.46)	8.66 (4.79)	6.87 (5.36)	5.5 (4.7)	47.1 (2.26)	5.69 (2.35)	4.87 (2.39)	4.64 (2.4)	9.88 (2.63)	6.69 (4.75)	5.57 (2.66)	2820 (2.27)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-H01-C2	202-H01-C3	202-H01-C4	202-H01-CX	202-H02-C1	202-H02-C2	202-H02-C3	202-H02-C4	202-H02-CX	202-H03-C1	202-H03-C2	202-H03-C3	202-H03-CX
Field Sample ID	Value (0-2 ft bgs)	Value	202-H01	202-H01	202-H01	202-H01	202-H02	202-H02	202-H02	202-H02	202-H02	202-H03	202-H03	202-H03	202-H03
Sample Date	(mg/kg)	(mg/kg)	202-H01-C2-COMP	202-H01-C3-COMP	202-H01-C4-COMP	202-H01-CX-COMP	202-H02-C1-COMP	202-H02-C2-COMP	202-H02-C3-COMP	202-H02-C4-COMP	202-H02-CX-COMP	202-H03-C1-COMP	202-H03-C2-COMP	202-H03-C3-COMP	202-H03-CX-COMP
			4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/13/2022	4/13/2022	4/13/2022	4/13/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.12)	0.36 (0.12)	0.057 J (0.12)	0.093 J (0.13)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.18)	U (0.16)	U (0.19)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.18)	U (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.18)	U (0.16)	U (0.19)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.18)	U (0.14)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	0.028 J (0.18)	U (0.22)	0.15 J (0.2)	U (0.24)	2.1 (0.2)	U (0.2)	1.2 (0.2)	0.31 (0.2)	0.45 (0.22)	0.18 (0.18)
Naphthalene	66	25	U (0.2)	0.11 J (0.2)	0.4 (0.2)	0.061 J (0.18)	0.32 (0.22)	0.55 (0.2)	6.8 (0.24)	3.6 (0.2)	1.1 (0.2)	4.1 (0.2)	1.1 (0.2)	2.1 (0.22)	0.32 (0.18)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	0.074 J (0.11)	0.65 (0.13)	0.25 (0.12)	1.2 (0.14)	4.3 (0.12)	1.4 (0.12)	2.1 (0.12)	0.43 (0.12)	0.66 (0.13)	0.22 (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.033 J (0.13)	U (0.12)	0.087 J (0.14)	0.24 (0.12)	0.088 J (0.12)	0.16 (0.12)	0.025 J (0.12)	0.031 J (0.13)	U (0.11)
Metals															
Lead	1000	450	274 (2.29)	75.1 (2.33)	306 (2.35)	4.15 (2.15)	369 (2.64)	5.06 (2.42)	5.5 (2.69)	6.04 (2.33)	3.16 (2.4)	68.5 (2.35)	13.5 (2.3)	3.91 (2.67)	3.78 (2.13)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-H04-C1	202-H04-C2	202-H04-C3	202-H04-CX	202-H05-C1	202-H05-C2	202-H05-C3	202-H05-C4	202-H05-CX	202-H06-C1	202-H06-C2	202-H06-C3	202-H06-CX
Field Sample ID	Value (0-2 ft bgs)	Value	202-H04-C1-COMP	202-H04-C2-COMP	202-H04-C3-COMP	202-H04-CX-COMP	202-H05-C1-COMP	202-H05-C2-COMP	202-H05-C3-COMP	202-H05-C4-COMP	202-H05-CX-COMP	202-H06-C1-COMP	202-H06-C2-COMP	202-H06-C3-COMP	202-H06-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	4/13/2022	4/13/2022	4/13/2022	4/13/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/11/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022
PAHs															
Anthracene	190000	350	0.36 (0.12)	0.18 (0.13)	0.49 (0.13)	0.8 (0.12)	0.36 (0.12)	U (0.12)	U (0.12)	0.073 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)
Benzo(a)anthracene	130	340	0.32 (0.12)	U (0.13)	U (0.13)	U (0.12)	0.054 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	0.024 J (0.12)
Benzo(a)pyrene	91	46	0.7 (0.15)	U (0.18)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)
Benzo(b)fluoranthene	76	170	0.76 (0.12)	U (0.13)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.033 J (0.12)	U (0.13)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.65 (0.15)	U (0.18)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.16)
Chrysene	760	230	0.38 (0.12)	U (0.13)	0.024 J (0.13)	U (0.12)	0.048 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.025 J (0.12)	U (0.13)	U (0.12)
Fluorene	130000	3800	U (0.19)	0.72 (0.22)	2.2 (0.21)	3.2 (0.19)	0.22 (0.2)	U (0.2)	U (0.2)	0.044 J (0.21)	U (0.2)	0.41 (0.2)	U (0.2)	0.03 J (0.22)	U (0.2)
Naphthalene	66	25	0.51 (0.19)	1.2 (0.22)	4.7 (0.21)	1.3 (0.19)	0.19 J (0.2)	U (0.2)	U (0.2)	0.046 J (0.21)	U (0.2)	0.98 (0.2)	U (0.2)	U (0.22)	U (0.2)
Phenanthrene	190000	10000	1.2 (0.12)	1.2 (0.13)	4.3 (0.13)	7.1 (0.12)	1.1 (0.12)	U (0.12)	U (0.12)	0.23 (0.12)	U (0.12)	0.37 (0.12)	U (0.12)	0.068 J (0.13)	0.026 J (0.12)
Pyrene	96000	2200	0.65 (0.12)	0.15 (0.13)	0.42 (0.13)	0.48 (0.12)	0.38 (0.12)	U (0.12)	U (0.12)	0.064 J (0.12)	U (0.12)	U (0.12)	0.027 J (0.12)	U (0.13)	0.031 J (0.12)
Metals															
Lead	1000	450	5.26 (2.29)	8.98 J (13.5)	7.8 (2.54)	4.06 (2.3)	11.2 (2.27)	5.88 (2.3)	5.81 (2.32)	5.81 (2.4)	6.69 (2.36)	7.27 (2.3)	91.4 (2.22)	10.5 (2.54)	11.5 (2.35)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-H07-C1	202-H07-C2	202-H07-C3	202-H07-CX	202-H08-C1	202-H08-C2	202-H08-C3	202-H08-C4	202-H08-CX	202-H09-C1	202-H09-C2	202-H09-C3	202-H09-C4
Field Sample ID	Value (0-2 ft bgs)	Value	202-H07-C1-COMP	202-H07-C2-COMP	202-H07-C3-COMP	202-H07-CX-COMP	202-H08-C1-COMP	202-H08-C2-COMP	202-H08-C3-COMP	202-H08-C4-COMP	202-H08-CX-COMP	202-H09-C1-COMP	202-H09-C2-COMP	202-H09-C3-COMP	202-H09-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/22/2022	4/27/2022	4/27/2022	4/27/2022	4/27/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.065 J (0.14)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.14)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.19)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.14)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.19)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.025 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.14)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	0.047 J (0.18)	U (0.2)	U (0.19)	U (0.19)	0.15 J (0.19)	U (0.2)	0.094 J (0.2)	0.55 (0.23)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.18)	0.031 J (0.18)	U (0.2)	U (0.19)	U (0.19)	0.25 (0.19)	0.083 J (0.2)	0.35 (0.2)	3 (0.23)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.11 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.28 (0.11)	0.04 J (0.12)	0.23 (0.12)	1.4 (0.14)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.032 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.026 J (0.11)	U (0.12)	U (0.12)	0.041 J (0.14)
Metals															
Lead	1000	450	5.63 (2.27)	15.6 (11.5)	10.4 J (11.7)	6.67 (2.41)	5.22 (2.14)	117 (10.8)	6.12 (2.45)	5.43 (2.26)	5.65 (2.33)	129 (2.18)	5.86 (2.37)	6.33 (2.37)	5.8 (2.79)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-H09-CX 202-H09	202-H10-C1 202-H10	202-H10-C2 202-H10	202-H10-C3 202-H10	202-H10-CX 202-H10	202-H11-C1 202-H11	202-H11-C2 202-H11	202-H11-C3 202-H11	202-H11-C4 202-H11	202-H11-CX 202-H11	202-I01-C1 202-I01	202-I01-C2 202-I01	202-I01-C3 202-I01
Field Sample ID	Value (0-2 ft bgs)	Value	202-H09-CX-COMP	202-H10-C1-COMP	202-H10-C2-COMP	202-H10-C3-COMP	202-H10-CX-COMP	202-H11-C1-COMP	202-H11-C2-COMP	202-H11-C3-COMP	202-H11-C4-COMP	202-H11-CX-COMP	202-I01-C1-COMP	202-I01-C2-COMP	202-I01-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	4/27/2022	4/14/2022	4/14/2022	4/14/2022	4/14/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	3/18/2022	3/18/2022	3/18/2022
PAHs															
Anthracene	190000	350	U (0.13)	1.1 (0.12)	U (0.14)	U (0.1)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	1.7 (0.14)	U (0.12)
Benzo(a)anthracene	130	340	U (0.13)	U (0.12)	U (0.14)	U (0.1)	U (0.12)	0.026 J (0.11)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	2.2 (0.14)	U (0.12)
Benzo(a)pyrene	91	46	U (0.17)	U (0.16)	U (0.18)	U (0.14)	U (0.16)	U (0.15)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	1.9 (0.18)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.13)	U (0.12)	U (0.14)	U (0.1)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	2.3 (0.14)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.17)	U (0.16)	U (0.18)	U (0.14)	U (0.16)	U (0.15)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	0.92 (0.18)	U (0.15)
Chrysene	760	230	U (0.13)	0.026 J (0.12)	U (0.14)	U (0.1)	U (0.12)	0.021 J (0.11)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	2 (0.14)	U (0.12)
Fluorene	130000	3800	0.094 J (0.22)	3.5 (0.2)	U (0.23)	U (0.17)	U (0.2)	U (0.19)	U (0.19)	0.021 J (0.21)	0.021 J (0.21)	0.053 J (0.2)	U (0.19)	0.99 (0.23)	U (0.19)
Naphthalene	66	25	0.18 J (0.22)	4.4 (0.2)	0.69 (0.23)	0.57 (0.17)	7.8 (0.2)	U (0.19)	0.09 J (0.19)	5.6 (0.21)	8.2 (0.21)	2.1 (0.2)	U (0.19)	0.42 (0.23)	U (0.19)
Phenanthrene	190000	10000	0.29 (0.13)	7.8 (0.12)	0.66 (0.14)	0.56 (0.1)	6.3 (0.12)	0.023 J (0.11)	U (0.11)	U (0.13)	0.025 J (0.12)	0.068 J (0.12)	U (0.11)	5.7 (0.14)	U (0.12)
Pyrene	96000	2200	U (0.13)	0.78 (0.12)	0.065 J (0.14)	U (0.1)	0.57 (0.12)	0.032 J (0.11)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.11)	4.4 (0.14)	U (0.12)
Metals															
Lead	1000	450	7.68 (2.5)	457 (11.8)	16.2 (2.78)	4.6 (2.06)	8.42 (2.35)	10.1 (2.17)	41.8 (2.23)	6.37 (2.54)	6.19 (2.42)	8.42 (2.45)	12.5 (2.23)	215 (2.63)	4.14 (2.23)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-I01-CX 202-I01	202-I02-C1 202-I02	202-I02-C2 202-I02	202-I02-C3 202-I02	202-I02-C4 202-I02	202-I02-CX 202-I02	202-I03-C1 202-I03	202-I03-C2 202-I03	202-I03-CX 202-I03	202-I04-C1 202-I04	202-I04-C2 202-I04	202-I04-C3 202-I04	202-I04-CX 202-I04	
Field Sample ID	Value (0-2 ft bgs)	Value	202-I01-CX-COMP 3/18/2022	202-I02-C1-COMP 4/25/2022	202-I02-C2-COMP 4/25/2022	202-I02-C3-COMP 4/25/2022	202-I02-C4-COMP 4/25/2022	202-I02-CX-COMP 4/25/2022	202-I03-C1-COMP 3/17/2022	202-I03-C2-COMP 3/17/2022	202-I03-CX-COMP 3/17/2022	202-I04-C1-COMP 4/22/2022	202-I04-C2-COMP 4/22/2022	202-I04-C3-COMP 4/22/2022	202-I04-CX-COMP 4/22/2022	
Sample Date	(mg/kg)	(mg/kg)														
PAHs																
Anthracene	190000	350	0.72 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(a)anthracene	130	340	0.76 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.043 J (0.11)	
Benzo(a)pyrene	91	46	0.69 (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.17)	U (0.16)	U (0.17)	U (0.15)	
Benzo(b)fluoranthene	76	170	0.79 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.042 J (0.11)	
Benzo(g,h,i)perylene	190000	180	0.33 (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.17)	U (0.16)	U (0.17)	0.025 J (0.15)	
Chrysene	760	230	0.73 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.04 J (0.11)	
Fluorene	130000	3800	0.33 (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.21)	U (0.2)	U (0.21)	U (0.19)	
Naphthalene	66	25	0.1 J (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.21)	U (0.2)	U (0.21)	U (0.19)	
Phenanthrene	190000	10000	1.9 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	0.03 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.076 J (0.11)	
Pyrene	96000	2200	1.4 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	0.029 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.077 J (0.11)	
Metals																
Lead	1000	450	6.49 J (11.8)	5.86 (2.46)	6.9 (2.38)	4.56 (2.36)	5.95 (2.36)	6.42 (2.39)	24.6 (2.43)	19.2 (2.27)	6.54 (2.51)	5.23 (2.46)	5.64 (2.39)	4.68 (2.44)	5.74 (2.19)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-105-C1	202-105-C2	202-105-C3	202-105-CX	202-106-C1	202-106-C2	202-106-C3	202-106-C4	202-106-CX	202-107-C1	202-107-C2	202-107-C3	202-107-CX
Field Sample ID	Value (0-2 ft bgs)	Value	202-105-C1-COMP	202-105-C2-COMP	202-105-C3-COMP	202-105-CX-COMP	202-106-C1-COMP	202-106-C2-COMP	202-106-C3-COMP	202-106-C4-COMP	202-106-CX-COMP	202-107-C1-COMP	202-107-C2-COMP	202-107-C3-COMP	202-107-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/21/2022	3/21/2022	3/21/2022	3/21/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	3/17/2022	4/25/2022	4/25/2022	4/25/2022	4/25/2022
PAHs															
Anthracene	190000	350	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.15)	U (0.17)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.15)	U (0.17)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.22)	U (0.19)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.18)	U (0.22)	U (0.19)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	6.38 (4.87)	5.75 (2.31)	22.3 (2.47)	15.3 (4.63)	6.08 (2.19)	7 (2.47)	3.69 (2.25)	6.42 (2.6)	7 (2.27)	3.8 (2.34)	5.91 (2.33)	7.13 (2.3)	4.2 (2.48)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-I08-C1 202-I08	202-I08-C2 202-I08	202-I08-CX 202-I08	202-J01-C1 202-J01	202-J01-C2 202-J01	202-J01-C3 202-J01	202-J01-C4 202-J01	202-J01-CX 202-J01	202-J02-C1 202-J02	202-J02-C2 202-J02	202-J02-C3 202-J02	202-J02-C4 202-J02	202-J02-CX 202-J02
Field Sample ID	Value (0-2 ft bgs)	Value	202-I08-C1-COMP	202-I08-C2-COMP	202-I08-CX-COMP	202-J01-C1-COMP	202-J01-C2-COMP	202-J01-C3-COMP	202-J01-C4-COMP	202-J01-CX-COMP	202-J02-C1-COMP	202-J02-C2-COMP	202-J02-C3-COMP	202-J02-C4-COMP	202-J02-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/21/2022	3/21/2022	3/21/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022	4/21/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.056 J (0.11)	U (0.13)	U (0.11)	0.065 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.14)	U (0.14)	U (0.14)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.18)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.14)	U (0.14)	U (0.14)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.18)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.18)	0.049 J (0.18)	1.5 (0.18)	0.21 (0.21)	0.27 (0.19)	1.3 (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.22)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.18)	1.5 (0.18)	4.4 (0.18)	2.7 (0.21)	1.4 (0.19)	3.1 (0.2)	0.14 J (0.19)	1.7 (0.2)	0.38 (0.2)	1.4 (0.2)	2.3 (0.22)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.11)	0.056 J (0.11)	2.8 (0.11)	0.34 (0.13)	0.45 (0.11)	2.6 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.23 (0.11)	U (0.13)	0.026 J (0.11)	0.23 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)
Metals															
Lead	1000	450	4 (2.36)	9.49 (2.29)	31.5 (2.07)	6.42 (2.16)	5.56 (2.14)	6.76 (2.54)	6.43 (2.16)	6.59 (2.3)	7.31 (2.29)	247 (2.31)	28.5 (12)	5.8 (2.3)	5.36 (2.56)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	202-J03-C1	202-J03-C2	202-J03-CX	202-J04-C1	202-J04-C2	202-J04-C3	202-J04-C4	202-J04-CX	202-J05-C1	202-J05-C2	202-J05-CX	202-J06-C1	202-J06-C2
			202-J03	202-J03	202-J03	202-J04	202-J04	202-J04	202-J04	202-J04	202-J05	202-J05	202-J05	202-J06	202-J06
			202-J03-C1-COMP	202-J03-C2-COMP	202-J03-CX-COMP	202-J04-C1-COMP	202-J04-C2-COMP	202-J04-C3-COMP	202-J04-C4-COMP	202-J04-CX-COMP	202-J05-C1-COMP	202-J05-C2-COMP	202-J05-CX-COMP	202-J06-C1-COMP	202-J06-C2-COMP
			4/21/2022	4/21/2022	4/21/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/25/2022	4/25/2022	4/25/2022	4/20/2022	4/20/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.13)	U (0.13)	U (0.12)	1.3 (1.1)	0.084 J (0.11)	5.3 J (5.9)	28 (1.2)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.027 J (0.11)	U (0.13)	U (0.13)	U (0.12)	U (1.1)	U (0.11)	U (5.9)	89 (5.8)	U (0.12)	U (0.12)	0.067 J (0.12)	0.027 J (0.12)	0.068 J (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.18)	U (0.17)	U (0.15)	U (1.5)	U (0.15)	U (7.8)	100 (7.7)	U (0.16)	U (0.15)	0.052 J (0.16)	U (0.16)	0.061 J (0.16)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.13)	U (0.13)	U (0.12)	U (1.1)	U (0.11)	U (5.9)	120 (5.8)	U (0.12)	U (0.12)	0.06 J (0.12)	U (0.12)	0.08 J (0.12)
Benzo(g,h,i)perylene	190000	180	0.03 J (0.15)	U (0.18)	U (0.17)	U (0.15)	U (1.5)	U (0.15)	U (7.8)	40 (1.5)	U (0.16)	U (0.15)	0.026 J (0.16)	0.039 J (0.16)	0.046 J (0.16)
Chrysene	760	230	0.027 J (0.11)	U (0.13)	U (0.13)	U (0.12)	U (1.1)	U (0.11)	U (5.9)	61 (1.2)	U (0.12)	U (0.12)	0.051 J (0.12)	0.036 J (0.12)	0.075 J (0.12)
Fluorene	130000	3800	U (0.19)	0.058 J (0.22)	0.12 J (0.21)	0.44 (0.19)	5.2 (1.9)	2.1 (0.18)	59 (9.8)	23 (1.9)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	0.17 J (0.19)	8 (0.22)	3 (0.21)	0.79 (0.19)	1.3 J (1.9)	3.3 (0.18)	9.2 J (9.8)	3.5 (1.9)	U (0.2)	U (0.19)	U (0.2)	0.038 J (0.2)	U (0.19)
Phenanthrene	190000	10000	0.06 J (0.11)	0.078 J (0.13)	0.15 (0.13)	0.92 (0.12)	10 (1.1)	3.9 (0.11)	120 (5.9)	140 (5.8)	U (0.12)	U (0.12)	0.13 (0.12)	0.09 J (0.12)	0.076 J (0.12)
Pyrene	96000	2200	0.048 J (0.11)	U (0.13)	U (0.13)	0.064 J (0.12)	2 (1.1)	0.29 (0.11)	9.6 (5.9)	150 (5.8)	U (0.12)	U (0.12)	0.11 J (0.12)	0.063 J (0.12)	0.12 (0.12)
Metals															
Lead	1000	450	72.8 (11.1)	8.14 (2.58)	6.91 (2.49)	8.35 (2.27)	6.44 (2.24)	8.9 (2.24)	173 (2.37)	37 (2.32)	11.2 J (12)	1960 (2.3)	2730 (2.4)	226 (2.28)	21.7 (2.32)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-J06-C3	202-J06-CX	202-J07-C1	202-J07-C2	202-J07-C3	202-J07-CX	202-J08-C1	202-J08-C2	202-J08-C3	202-J08-CX	202-J09-C1	202-J09-C2	202-J09-C3
Field Sample ID	Value (0-2 ft bgs)	Value	202-J06-C3-COMP	202-J06-CX-COMP	202-J07-C1-COMP	202-J07-C2-COMP	202-J07-C3-COMP	202-J07-CX-COMP	202-J08-C1-COMP	202-J08-C2-COMP	202-J08-C3-COMP	202-J08-CX-COMP	202-J09-C1-COMP	202-J09-C2-COMP	202-J09-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	4/20/2022	4/20/2022	4/26/2022	4/26/2022	4/26/2022	4/26/2022	4/25/2022	4/25/2022	4/25/2022	4/25/2022	4/20/2022	4/20/2022	4/20/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	0.044 J (0.12)	0.055 J (0.12)	U (0.12)	U (0.11)	0.041 J (0.11)	0.038 J (0.11)
Benzo(a)anthracene	130	340	0.059 J (0.11)	0.062 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.06 J (0.13)	U (0.12)	U (0.12)	U (0.12)	0.048 J (0.11)	0.074 J (0.11)	0.14 (0.11)
Benzo(a)pyrene	91	46	0.064 J (0.15)	0.06 J (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.16)	U (0.18)	U (0.16)	U (0.17)	U (0.16)	0.048 J (0.15)	0.078 J (0.15)	0.14 J (0.15)
Benzo(b)fluoranthene	76	170	0.075 J (0.11)	0.079 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.06 J (0.13)	U (0.12)	U (0.12)	U (0.12)	0.056 J (0.11)	0.066 J (0.11)	0.15 (0.11)
Benzo(g,h,i)perylene	190000	180	0.041 J (0.15)	0.05 J (0.16)	U (0.17)	U (0.16)	U (0.17)	U (0.16)	0.03 J (0.18)	U (0.16)	U (0.17)	U (0.16)	0.038 J (0.15)	0.1 J (0.15)	0.13 J (0.15)
Chrysene	760	230	0.06 J (0.11)	0.074 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.051 J (0.13)	U (0.12)	U (0.12)	U (0.12)	0.049 J (0.11)	0.09 J (0.11)	0.14 (0.11)
Fluorene	130000	3800	U (0.19)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.22)	0.17 J (0.2)	0.3 (0.21)	0.36 (0.2)	U (0.19)	0.027 J (0.19)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.2)	U (0.21)	U (0.2)	U (0.21)	U (0.2)	U (0.22)	0.028 J (0.2)	0.2 J (0.21)	U (0.19)	U (0.19)	0.026 J (0.19)	0.025 J (0.19)
Phenanthrene	190000	10000	0.038 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.053 J (0.13)	0.53 (0.12)	0.7 (0.12)	0.42 (0.12)	0.045 J (0.11)	0.1 J (0.11)	0.16 (0.11)
Pyrene	96000	2200	0.07 J (0.11)	0.097 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.083 J (0.13)	0.025 J (0.12)	0.029 J (0.12)	0.023 J (0.12)	0.063 J (0.11)	0.12 (0.11)	0.2 (0.11)
Metals															
Lead	1000	450	7.23 (2.26)	9.99 (2.34)	23.2 (2.38)	7.32 (2.39)	5.88 (2.54)	8.31 (2.28)	76.1 (12.6)	18 (2.39)	7.65 (2.45)	5.89 (2.44)	9.52 (2.24)	132 (11.1)	49.8 (11.2)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	202-J09-C4	202-J09-CX	301-A01-C1	301-AA01-C1	301-AA01-C2	301-AA01-C3	301-AA01-C4	301-AA06-C1	301-AA06-C2	301-AA06-C3	301-AA07-C1	301-AA07-C2	301-AA07-C3	
Field Sample ID	Value (0-2 ft bgs)	Value	202-J09-C4-COMP	202-J09-CX-COMP	301-A01-C1-COMP	301-AA01-C1-COMP	301-AA01-C2-COMP	301-AA01-C3-COMP	301-AA01-C4-COMP	301-AA06-C1-COMP	301-AA06-C2-COMP	301-AA06-C3-COMP	301-AA07-C1-COMP	301-AA07-C2-COMP	301-AA07-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	4/20/2022	4/20/2022	5/17/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022	
PAHs																
Anthracene	190000	350	0.1 J (0.11)	U (0.12)	U (0.12)	U (0.53)	U (0.11)	U (0.11)	U (0.12)	0.052 J (0.13)	U (0.12)	0.1 J (0.11)	0.22 (0.12)	0.042 J (0.12)	U (0.12)	
Benzo(a)anthracene	130	340	0.17 (0.11)	0.039 J (0.12)	U (0.12)	U (0.53)	U (0.11)	0.021 J (0.11)	U (0.12)	0.028 J (0.13)	U (0.12)	0.035 J (0.11)	0.028 J (0.12)	0.094 J (0.12)	0.024 J (0.12)	
Benzo(a)pyrene	91	46	0.13 J (0.15)	U (0.15)	U (0.16)	U (0.7)	U (0.15)	U (0.14)	U (0.15)	U (0.17)	U (0.16)	U (0.15)	U (0.15)	0.094 J (0.15)	U (0.16)	
Benzo(b)fluoranthene	76	170	0.14 (0.11)	0.035 J (0.12)	U (0.12)	U (0.53)	U (0.11)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.11)	U (0.12)	0.1 J (0.12)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	0.071 J (0.15)	0.064 J (0.15)	U (0.16)	U (0.7)	U (0.15)	U (0.14)	U (0.15)	U (0.17)	U (0.16)	U (0.15)	U (0.15)	0.059 J (0.15)	U (0.16)	
Chrysene	760	230	0.17 (0.11)	0.044 J (0.12)	U (0.12)	U (0.53)	U (0.11)	U (0.11)	U (0.12)	0.035 J (0.13)	U (0.12)	0.047 J (0.11)	0.037 J (0.12)	0.11 J (0.12)	0.056 J (0.12)	
Fluorene	130000	3800	0.044 J (0.19)	U (0.19)	U (0.2)	U (0.88)	U (0.18)	U (0.18)	U (0.19)	0.15 J (0.21)	U (0.2)	0.28 (0.19)	0.52 (0.19)	0.086 J (0.19)	0.13 J (0.2)	
Naphthalene	66	25	U (0.19)	0.05 J (0.19)	U (0.2)	0.26 J (0.88)	U (0.18)	0.088 J (0.18)	0.063 J (0.19)	0.22 (0.21)	U (0.2)	0.32 (0.19)	0.053 J (0.19)	0.13 J (0.19)	0.27 (0.2)	
Phenanthrene	190000	10000	0.38 (0.11)	0.083 J (0.12)	U (0.12)	U (0.53)	U (0.11)	U (0.11)	U (0.12)	0.24 (0.13)	0.039 J (0.12)	0.88 (0.11)	1.3 (0.12)	0.27 (0.12)	0.25 (0.12)	
Pyrene	96000	2200	0.27 (0.11)	0.058 J (0.12)	U (0.12)	U (0.53)	U (0.11)	0.023 J (0.11)	U (0.12)	0.075 J (0.13)	0.027 J (0.12)	0.12 (0.11)	0.28 (0.12)	0.16 (0.12)	0.042 J (0.12)	
Metals																
Lead	1000	450	55 (2.21)	827 (2.26)	9.85 (2.33)	25.2 (2.04)	6.6 (2.18)	2.29 (2.13)	2.35 (2.3)	73.8 (2.44)	79.7 (2.27)	7.58 (4.57)	6.93 (2.32)	16.4 (2.25)	12.5 (4.79)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AA08-C1 301-AA08 301-AA08-C1-COMP 5/25/2022	301-AA08-C2 301-AA08 301-AA08-C2-COMP 5/25/2022	301-AA08-C3 301-AA08 301-AA08-C3-COMP 5/25/2022	301-AA09-C1 301-AA09 301-AA09-C1-COMP 6/24/2022	301-AA09-C2 301-AA09 301-AA09-C2-COMP 6/24/2022	301-AA09-C3 301-AA09 301-AA09-C3-COMP 6/24/2022	301-AA09-C4 301-AA09 301-AA09-C4-COMP 6/24/2022	301-AA09-C5 301-AA09 301-AA09-C5-COMP 6/24/2022	301-AB02-C1 301-AB02 301-AB02-C1-COMP 6/13/2022	301-AB02-C2 301-AB02 301-AB02-C2-COMP 6/13/2022	301-AB02-C3 301-AB02 301-AB02-C3-COMP 6/13/2022	301-AB02-C4 301-AB02 301-AB02-C4-COMP 6/13/2022	301-AB03-C1 301-AB03 301-AB03-C1-COMP 6/13/2022
Field Sample ID Sample Date	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)													
PAHs															
Anthracene	190000	350	0.36 (0.12)	U (0.11)	U (0.11)	0.35 (0.11)	0.15 (0.13)	1.2 (0.12)	0.96 (0.13)	0.8 (0.12)	U (0.32)	U (0.1)	U (0.11)	U (0.11)	0.22 (0.11)
Benzo(a)anthracene	130	340	0.1 J (0.12)	U (0.11)	U (0.11)	1.5 (0.11)	0.48 (0.13)	2.4 (0.12)	2.2 (0.13)	3.9 (0.12)	U (0.32)	U (0.1)	U (0.11)	U (0.11)	0.4 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.14)	U (0.14)	2.1 (0.15)	0.56 (0.18)	2.4 (0.17)	2.5 (0.18)	4.4 (0.16)	U (0.43)	U (0.13)	U (0.15)	U (0.14)	0.36 (0.15)
Benzo(b)fluoranthene	76	170	0.056 J (0.12)	U (0.11)	U (0.11)	2.1 (0.11)	0.58 (0.13)	3 (0.12)	2.9 (0.13)	4.9 (0.12)	0.093 J (0.32)	U (0.1)	U (0.11)	U (0.11)	0.41 (0.11)
Benzo(g,h,i)perylene	190000	180	0.026 J (0.16)	U (0.14)	U (0.14)	0.66 (0.15)	0.43 (0.18)	1.4 (0.17)	1.3 (0.18)	2.4 (0.16)	0.082 J (0.43)	0.022 J (0.13)	U (0.15)	U (0.14)	0.17 (0.15)
Chrysene	760	230	0.2 (0.12)	U (0.11)	U (0.11)	1.4 (0.11)	0.48 (0.13)	2.4 (0.12)	2.2 (0.13)	3.6 (0.12)	0.17 J (0.32)	0.044 J (0.1)	U (0.11)	U (0.11)	0.37 (0.11)
Fluorene	130000	3800	1.4 (0.2)	U (0.18)	U (0.18)	0.32 (0.18)	0.094 J (0.22)	0.75 (0.21)	0.55 (0.22)	0.38 (0.2)	U (0.54)	0.022 J (0.17)	U (0.18)	U (0.18)	0.12 J (0.19)
Naphthalene	66	25	0.36 (0.2)	U (0.18)	U (0.18)	1.5 (0.18)	0.78 (0.22)	0.83 (0.21)	2.3 (0.22)	1.3 (0.2)	U (0.54)	0.054 J (0.17)	U (0.18)	U (0.18)	0.23 (0.19)
Phenanthrene	190000	10000	3.3 (0.12)	U (0.11)	U (0.11)	1.1 (0.11)	0.48 (0.13)	4.3 (0.12)	2.9 (0.13)	2.2 (0.12)	U (0.32)	0.043 J (0.1)	U (0.11)	U (0.11)	0.86 (0.11)
Pyrene	96000	2200	0.51 (0.12)	U (0.11)	U (0.11)	2.1 (0.11)	0.68 (0.13)	4.5 (0.12)	3.6 (0.13)	4.2 (0.12)	0.065 J (0.32)	0.024 J (0.1)	U (0.11)	U (0.11)	0.7 (0.11)
Metals															
Lead	1000	450	9.28 (2.44)	5.11 (4.14)	4.65 (2.16)	147 (4.35)	1410 (2.53)	148 (5.01)	312 (5.27)	117 (2.35)	4.14 (2.12)	1.13 J (1.99)	3.7 (2.16)	1.69 J (2.08)	432 (2.15)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	301-AB03-C2	301-AB03-C3	301-AB03-C4	301-AB03-C5	301-AB04-C1	301-AB04-C2	301-AB04-C3	301-AB04-C4	301-AB06-C1	301-AB06-C2	301-AB06-C3	301-AB06-C4	301-AB06-C5
			301-AB03	301-AB03	301-AB03	301-AB03	301-AB04	301-AB04	301-AB04	301-AB04	301-AB06	301-AB06	301-AB06	301-AB06	301-AB06
Field Sample ID	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)	301-AB03-C2-COMP 6/13/2022	301-AB03-C3-COMP 6/13/2022	301-AB03-C4-COMP 6/13/2022	301-AB03-C5-COMP 6/13/2022	301-AB04-C1-COMP 6/14/2022	301-AB04-C2-COMP 6/14/2022	301-AB04-C3-COMP 6/14/2022	301-AB04-C4-COMP 6/14/2022	301-AB06-C1-COMP 6/2/2022	301-AB06-C2-COMP 6/2/2022	301-AB06-C3-COMP 6/2/2022	301-AB06-C4-COMP 6/2/2022	301-AB06-C5-COMP 6/2/2022
PAHs															
Anthracene	190000	350	0.15 (0.11)	U (0.12)	U (0.12)	2.8 (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.21 (0.11)	0.087 J (0.12)	0.12 (0.12)	2.5 (0.12)	0.1 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.2 (0.15)	0.13 J (0.16)	0.17 (0.16)	2.5 (0.15)	0.13 J (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.24 (0.11)	0.11 J (0.12)	0.16 (0.12)	2.2 (0.12)	0.15 (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.13 J (0.15)	0.12 J (0.16)	0.14 J (0.16)	1.3 (0.15)	0.086 J (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Chrysene	760	230	0.21 (0.11)	0.1 J (0.12)	0.14 (0.12)	2.4 (0.12)	0.1 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	0.095 J (0.19)	U (0.2)	U (0.2)	1.5 (0.19)	U (0.2)	U (0.2)	U (0.19)	U (0.18)	U (0.18)	U (0.2)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	0.39 (0.19)	0.045 J (0.2)	0.047 J (0.2)	1.4 (0.19)	0.027 J (0.2)	U (0.2)	U (0.19)	U (0.18)	U (0.18)	U (0.2)	U (0.2)	U (0.2)	U (0.19)
Phenanthrene	190000	10000	0.49 (0.11)	0.05 J (0.12)	0.096 J (0.12)	9 (0.58)	0.085 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	0.7 (0.11)	0.089 J (0.12)	0.15 (0.12)	4.4 (0.12)	0.17 (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	70 (2.25)	44.2 (11.6)	190 (11.7)	181 (2.28)	9.49 (2.42)	6.56 (4.64)	5.56 (2.28)	7.82 (2.15)	64.1 (2.08)	28.7 (2.29)	11.8 (2.26)	4.55 (2.4)	5.41 (2.32)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AB07-C1 301-AB07	301-AB07-C2 301-AB07	301-AB07-C3 301-AB07	301-AB08-C1 301-AB08	301-AB08-C2 301-AB08	301-AB08-C3 301-AB08	301-AB08-C4 301-AB08	301-AB09-C1 301-AB09	301-AC04-C1 301-AC04	301-AC04-C2 301-AC04	301-AC04-C3 301-AC04	301-AC04-C4 301-AC04	301-AC04-C5 301-AC04	
Field Sample ID	Value (0-2 ft bgs)	Value	301-AB07-C1-COMP	301-AB07-C2-COMP	301-AB07-C3-COMP	301-AB08-C1-COMP	301-AB08-C2-COMP	301-AB08-C3-COMP	301-AB08-C4-COMP	301-AB09-C1-COMP	301-AC04-C1-COMP	301-AC04-C2-COMP	301-AC04-C3-COMP	301-AC04-C4-COMP	301-AC04-C5-COMP	
Sample Date	(mg/kg)	(mg/kg)	5/26/2022	5/26/2022	5/26/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	6/1/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	
PAHs																
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.1)	U (0.12)	U (0.11)	U (0.11)	U (0.1)	0.18 (0.13)	U (0.51)	U (1.5)	1.4 (0.12)	0.16 (0.13)	0.16 (0.11)	
Benzo(a)anthracene	130	340	0.056 J (0.11)	U (0.11)	U (0.1)	U (0.12)	0.075 J (0.11)	0.038 J (0.11)	0.036 J (0.1)	0.54 (0.13)	U (0.51)	U (1.5)	4.4 (0.12)	0.63 (0.13)	0.45 (0.11)	
Benzo(a)pyrene	91	46	0.063 J (0.15)	U (0.15)	U (0.14)	U (0.16)	0.099 J (0.14)	U (0.14)	U (0.14)	0.59 (0.18)	U (0.68)	U (2)	4.8 (0.16)	0.57 (0.18)	0.37 (0.15)	
Benzo(b)fluoranthene	76	170	0.073 J (0.11)	U (0.11)	U (0.1)	U (0.12)	0.11 (0.11)	0.044 J (0.11)	0.041 J (0.1)	0.61 (0.13)	U (0.51)	U (1.5)	5.8 (0.12)	0.69 (0.13)	0.46 (0.11)	
Benzo(g,h,i)perylene	190000	180	0.035 J (0.15)	U (0.15)	U (0.14)	U (0.16)	0.069 J (0.14)	0.028 J (0.14)	0.021 J (0.14)	0.36 (0.18)	U (0.68)	U (2)	2.6 (0.16)	0.28 (0.18)	0.17 (0.15)	
Chrysene	760	230	0.056 J (0.11)	U (0.11)	U (0.1)	U (0.12)	0.074 J (0.11)	0.05 J (0.11)	0.035 J (0.1)	0.51 (0.13)	U (0.51)	U (1.5)	3.9 (0.12)	0.59 (0.13)	0.44 (0.11)	
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.18)	U (0.2)	U (0.18)	U (0.18)	U (0.18)	0.066 J (0.22)	0.25 J (0.84)	0.47 J (2.6)	0.89 (0.2)	0.17 J (0.22)	0.46 (0.19)	
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.18)	U (0.2)	U (0.18)	U (0.18)	U (0.18)	0.041 J (0.22)	1.3 (0.84)	U (2.6)	0.18 J (0.2)	0.13 J (0.22)	0.27 (0.19)	
Phenanthrene	190000	10000	0.053 J (0.11)	U (0.11)	U (0.1)	U (0.12)	0.071 J (0.11)	0.049 J (0.11)	0.041 J (0.1)	0.78 (0.13)	0.15 J (0.51)	0.58 J (1.5)	3.3 (0.12)	0.76 (0.13)	1.1 (0.11)	
Pyrene	96000	2200	0.088 J (0.11)	U (0.11)	U (0.1)	0.02 J (0.12)	0.084 J (0.11)	0.056 J (0.11)	0.053 J (0.1)	0.82 (0.13)	U (0.51)	U (1.5)	7.5 (0.12)	0.87 (0.13)	0.61 (0.11)	
Metals																
Lead	1000	450	7.61 (4.35)	4.32 (2.22)	1.61 J (2.04)	8.24 (2.36)	26.6 (2.07)	21.5 (2.07)	55.4 (2.04)	80.2 (2.56)	63.3 (1.94)	62.9 (10)	9.48 (2.31)	81.4 (2.67)	5.79 (2.23)	

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AC05-C1	301-AC05-C2	301-AC05-C3	301-AC05-C4	301-AC05-C5	301-AC06-C1	301-AC06-C2	301-AC06-C3	301-AC06-C4	301-AC06-C5	301-AC07-C1	301-AC07-C2	301-AC07-C3
Field Sample ID	Value (0-2 ft bgs)	Value	301-AC05-C1-COMP	301-AC05-C2-COMP	301-AC05-C3-COMP	301-AC05-C4-COMP	301-AC05-C5-COMP	301-AC06-C1-COMP	301-AC06-C2-COMP	301-AC06-C3-COMP	301-AC06-C4-COMP	301-AC06-C5-COMP	301-AC07-C1-COMP	301-AC07-C2-COMP	301-AC07-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	6/1/2022	6/1/2022	6/1/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.34)	U (0.31)	U (0.1)	0.037 J (0.11)	U (0.11)	U (0.12)	U (0.14)	U (0.12)	0.04 J (0.11)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.11)	0.051 J (0.12)	U (0.34)	U (0.31)	U (0.1)	0.084 J (0.11)	U (0.11)	0.078 J (0.12)	U (0.14)	U (0.12)	0.13 (0.11)	U (0.12)	0.059 J (0.11)
Benzo(a)pyrene	91	46	U (0.15)	0.06 J (0.16)	U (0.46)	U (0.41)	U (0.14)	0.065 J (0.15)	U (0.15)	0.06 J (0.16)	U (0.18)	U (0.16)	0.15 (0.15)	U (0.16)	0.071 J (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	0.064 J (0.12)	U (0.34)	U (0.31)	U (0.1)	0.082 J (0.11)	U (0.11)	0.079 J (0.12)	U (0.14)	U (0.12)	0.19 (0.11)	U (0.12)	0.076 J (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.15)	0.029 J (0.16)	U (0.46)	U (0.41)	U (0.14)	0.036 J (0.15)	U (0.15)	0.031 J (0.16)	U (0.18)	U (0.16)	0.11 J (0.15)	U (0.16)	0.044 J (0.15)
Chrysene	760	230	U (0.11)	0.048 J (0.12)	U (0.34)	U (0.31)	U (0.1)	0.074 J (0.11)	U (0.11)	0.068 J (0.12)	U (0.14)	U (0.12)	0.15 (0.11)	U (0.12)	0.065 J (0.11)
Fluorene	130000	3800	U (0.19)	U (0.2)	U (0.58)	U (0.51)	U (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.23)	U (0.2)	0.018 J (0.19)	U (0.19)	U (0.18)
Naphthalene	66	25	U (0.19)	U (0.2)	U (0.58)	U (0.51)	U (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.23)	U (0.2)	0.032 J (0.19)	U (0.19)	U (0.18)
Phenanthrene	190000	10000	U (0.11)	0.046 J (0.12)	U (0.34)	U (0.31)	U (0.1)	0.15 (0.11)	U (0.11)	0.14 (0.12)	U (0.14)	U (0.12)	0.16 (0.11)	U (0.12)	0.057 J (0.11)
Pyrene	96000	2200	U (0.11)	0.09 J (0.12)	U (0.34)	U (0.31)	U (0.1)	0.14 (0.11)	U (0.11)	0.13 (0.12)	U (0.14)	U (0.12)	0.21 (0.11)	0.024 J (0.12)	0.08 J (0.11)
Metals															
Lead	1000	450	2.85 (2.22)	6.26 (2.25)	3.63 (2.24)	4.89 (2.08)	3.97 (2.05)	70.4 (2.23)	8.37 (2.22)	8.68 (2.35)	7.35 (2.67)	7.07 (2.42)	58.6 (2.21)	69.6 (2.21)	12 (2.22)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-AC07-C4	301-AC07-C5	301-AC08-C1	301-AC08-C2	301-AC08-C3	301-AC08-C4	301-AC08-C5	301-AC09-C1	301-AC09-C2	301-AC09-C3	301-B01-C1	301-C01-C1	301-C02-C1
Field Sample ID	Value (0-2 ft bgs)	Value	301-AC07-C4-COMP	301-AC07-C5-COMP	301-AC08-C1-COMP	301-AC08-C2-COMP	301-AC08-C3-COMP	301-AC08-C4-COMP	301-AC08-C5-COMP	301-AC09-C1-COMP	301-AC09-C2-COMP	301-AC09-C3-COMP	301-B01-C1-COMP	301-C01-C1-COMP	301-C02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/1/2022	6/1/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/9/2022	6/9/2022	6/9/2022	5/17/2022	5/17/2022	6/3/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	0.11 (0.11)	U (0.12)	0.056 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.19 J (0.59)	U (0.12)
Benzo(a)anthracene	130	340	0.1 J (0.11)	0.058 J (0.12)	0.33 (0.11)	0.18 (0.12)	0.24 (0.12)	0.091 J (0.12)	0.11 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.59)	0.14 (0.12)
Benzo(a)pyrene	91	46	0.11 J (0.15)	0.063 J (0.15)	0.42 (0.15)	0.24 (0.16)	0.32 (0.16)	0.1 J (0.16)	0.13 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.78)	0.14 J (0.16)
Benzo(b)fluoranthene	76	170	0.13 (0.11)	0.076 J (0.12)	0.43 (0.11)	0.26 (0.12)	0.35 (0.12)	0.11 J (0.12)	0.13 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.23 J (0.59)	0.17 (0.12)
Benzo(g,h,i)perylene	190000	180	0.07 J (0.15)	0.034 J (0.15)	0.26 (0.15)	0.11 J (0.16)	0.18 (0.16)	0.059 J (0.16)	0.067 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.78)	0.091 J (0.16)
Chrysene	760	230	0.14 (0.11)	0.075 J (0.12)	0.31 (0.11)	0.17 (0.12)	0.22 (0.12)	0.096 J (0.12)	0.11 (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.18 J (0.59)	0.15 (0.12)
Fluorene	130000	3800	U (0.19)	U (0.19)	0.03 J (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	0.035 J (0.19)	0.83 J (0.98)	U (0.2)
Naphthalene	66	25	0.026 J (0.19)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	0.21 (0.19)	2.2 (0.98)	U (0.2)
Phenanthrene	190000	10000	0.089 J (0.11)	0.048 J (0.12)	0.48 (0.11)	0.15 (0.12)	0.18 (0.12)	0.045 J (0.12)	0.1 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.048 J (0.12)	1.1 (0.59)	0.11 J (0.12)
Pyrene	96000	2200	0.16 (0.11)	0.091 J (0.12)	0.49 (0.11)	0.18 (0.12)	0.28 (0.12)	0.1 J (0.12)	0.16 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.022 J (0.12)	0.25 J (0.59)	0.19 (0.12)
Metals															
Lead	1000	450	8.64 (2.23)	12.8 (2.32)	16.4 (2.19)	93.9 (11.6)	53.3 (11.7)	7.97 J (11.9)	39.1 (2.22)	9.19 (2.36)	6.46 (2.4)	7.06 (2.27)	11.9 (2.27)	65.5 (2.29)	91.8 (11.7)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	301-C02-C2	301-D01-C1	301-D01-C2	301-D01-C3	301-D01-C4	301-D01-D1	301-E01-C1	301-E02-C1	301-E02-C2	301-E02-C3	301-E02-C4	301-E02-C5	301-E02-D1
			301-C02	301-D01	301-D01	301-D01	301-D01	301-D01	301-D01-D1	301-E01	301-E02	301-E02	301-E02	301-E02	301-E02
Field Sample ID	Value (0-2 ft bgs)	Value	301-C02-C2-COMP	301-D01-C1-COMP	301-D01-C2-COMP	301-D01-C3-COMP	301-D01-C4-COMP	301-D01-D1-COMP	301-E01-C1-COMP	301-E02-C1-COMP	301-E02-C2-COMP	301-E02-C3-COMP	301-E02-C4-COMP	301-E02-C5-COMP	301-E02-D1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/3/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	3/28/2023	5/17/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	3/28/2023
PAHs															
Anthracene	190000	350	U (0.12)	0.16 (0.11)	0.1 J (0.12)	U (0.11)	0.19 (0.11)	U (0.11)	0.05 J (0.12)	0.26 (0.12)	U (0.12)	U (0.12)	0.1 J (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	0.24 (0.11)	0.17 (0.12)	0.1 J (0.11)	0.15 (0.11)	0.026 J (0.11)	0.081 J (0.12)	0.044 J (0.12)	U (0.12)	0.033 J (0.12)	0.026 J (0.12)	0.039 J (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	0.21 (0.15)	0.14 J (0.16)	0.13 J (0.14)	0.15 (0.15)	U (0.15)	0.066 J (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	0.063 J (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	0.22 (0.11)	0.15 (0.12)	0.14 (0.11)	0.15 (0.11)	U (0.11)	0.08 J (0.12)	0.045 J (0.12)	U (0.12)	0.048 J (0.12)	0.039 J (0.12)	0.072 J (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.16 (0.15)	0.067 J (0.16)	0.063 J (0.14)	0.11 J (0.15)	U (0.15)	0.03 J (0.16)	U (0.16)	U (0.16)	0.028 J (0.16)	0.032 J (0.15)	0.052 J (0.16)	0.032 J (0.16)
Chrysene	760	230	U (0.12)	0.23 (0.11)	0.16 (0.12)	0.098 J (0.11)	0.15 (0.11)	0.02 J (0.11)	0.072 J (0.12)	0.11 J (0.12)	U (0.12)	0.035 J (0.12)	0.031 J (0.12)	0.044 J (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	0.25 (0.19)	0.06 J (0.2)	0.051 J (0.18)	0.59 (0.18)	U (0.19)	0.043 J (0.2)	1.1 (0.19)	U (0.2)	U (0.19)	0.38 (0.19)	U (0.2)	U (0.19)
Naphthalene	66	25	0.44 (0.2)	0.92 (0.19)	0.15 J (0.2)	0.67 (0.18)	0.75 (0.18)	0.13 (0.038)	0.034 J (0.2)	0.88 (0.19)	0.073 J (0.2)	0.66 (0.19)	0.27 (0.19)	0.097 J (0.2)	1.4 (0.039)
Phenanthrene	190000	10000	U (0.12)	0.73 (0.11)	0.35 (0.12)	0.084 J (0.11)	1.1 (0.11)	0.043 J (0.11)	0.13 (0.12)	1.8 (0.12)	0.028 J (0.12)	0.045 J (0.12)	0.52 (0.12)	0.043 J (0.12)	0.029 J (0.12)
Pyrene	96000	2200	U (0.12)	0.53 (0.11)	0.26 (0.12)	0.12 (0.11)	0.31 (0.11)	0.034 J (0.11)	0.15 (0.12)	0.34 (0.12)	0.023 J (0.12)	0.054 J (0.12)	0.086 J (0.12)	0.052 J (0.12)	0.029 J (0.12)
Metals															
Lead	1000	450	14 (12.2)	68.6 (2.25)	27 (2.34)	14.6 (2.14)	102 (4.42)	59.4 (2.3)	15.8 (2.4)	9.01 (2.3)	26.4 (2.26)	33.1 (11.1)	29.5 (2.26)	58.2 (2.35)	1640 (2.25)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-E03-C1 301-E03	301-F01-C1 301-F01	301-F01-C2 301-F01	301-F01-C3 301-F01	301-F01-C4 301-F01	301-F01-C5 301-F01	301-F01-D1 301-F01	301-F02-C1 301-F02	301-F02-C2 301-F02	301-G01-C1 301-G01	301-G01-C2 301-G01	301-G01-D1 301-G01	301-G02-C1 301-G02	
Field Sample ID	Value (0-2 ft bgs)	Value	301-E03-C1-COMP	301-F01-C1-COMP	301-F01-C2-COMP	301-F01-C3-COMP	301-F01-C4-COMP	301-F01-C5-COMP	301-F01-D1-COMP	301-F02-C1-COMP	301-F02-C2-COMP	301-G01-C1-COMP	301-G01-C2-COMP	301-G01-D1-COMP	301-G02-C1-COMP	
Sample Date	(mg/kg)	(mg/kg)	6/6/2022	5/18/2022	5/18/2022	5/18/2022	5/18/2022	5/18/2022	3/29/2023	6/6/2022	6/6/2022	5/18/2022	5/18/2022	3/30/2023	5/19/2022	
PAHs																
Anthracene	190000	350	0.28 (0.12)	0.69 (0.12)	0.55 (0.11)	0.073 J (0.12)	0.28 (0.12)	U (0.12)	0.22 (0.12)	0.12 (0.12)	0.087 J (0.12)	U (0.12)	1.1 (0.12)	0.12 (0.12)	0.35 (0.14)	
Benzo(a)anthracene	130	340	0.39 (0.12)	2.2 (0.12)	0.5 (0.11)	0.048 J (0.12)	0.3 (0.12)	U (0.12)	0.29 (0.12)	0.093 J (0.12)	0.039 J (0.12)	0.024 J (0.12)	3.3 (0.12)	0.056 J (0.12)	0.85 (0.14)	
Benzo(a)pyrene	91	46	0.35 (0.16)	2.6 (0.16)	0.4 (0.15)	U (0.16)	0.19 (0.16)	U (0.16)	0.25 (0.16)	0.094 J (0.15)	U (0.16)	U (0.16)	3.5 (0.16)	U (0.16)	0.77 (0.18)	
Benzo(b)fluoranthene	76	170	0.38 (0.12)	3 (0.12)	0.46 (0.11)	0.034 J (0.12)	0.22 (0.12)	U (0.12)	0.3 (0.12)	0.1 J (0.12)	0.055 J (0.12)	U (0.12)	3.9 (0.12)	0.036 J (0.12)	0.89 (0.14)	
Benzo(g,h,i)perylene	190000	180	0.17 (0.16)	1.3 (0.16)	0.17 (0.15)	U (0.16)	0.064 J (0.16)	U (0.16)	0.086 J (0.16)	0.058 J (0.15)	0.034 J (0.16)	U (0.16)	1.8 (0.16)	U (0.16)	0.41 (0.18)	
Chrysene	760	230	0.36 (0.12)	2.1 (0.12)	0.41 (0.11)	0.036 J (0.12)	0.24 (0.12)	U (0.12)	0.27 (0.12)	0.094 J (0.12)	0.036 J (0.12)	U (0.12)	3.2 (0.12)	0.05 J (0.12)	0.86 (0.14)	
Fluorene	130000	3800	0.33 (0.2)	0.34 (0.2)	0.51 (0.19)	0.1 J (0.2)	0.28 (0.2)	U (0.2)	0.14 J (0.21)	0.37 (0.19)	0.38 (0.2)	U (0.2)	0.92 (0.2)	0.29 (0.2)	0.19 J (0.23)	
Naphthalene	66	25	0.083 J (0.2)	0.55 (0.2)	1 (0.19)	0.45 (0.2)	0.1 J (0.2)	U (0.2)	0.23 (0.041)	0.21 (0.19)	0.15 J (0.2)	0.21 (0.2)	1.1 (0.2)	1.8 (0.039)	2.7 (0.23)	
Phenanthrene	190000	10000	1.3 (0.12)	2.7 (0.12)	2.2 (0.11)	0.31 (0.12)	1.1 (0.12)	U (0.12)	0.76 (0.12)	0.64 (0.12)	0.53 (0.12)	0.05 J (0.12)	5.1 (0.12)	0.56 (0.12)	1.5 (0.14)	
Pyrene	96000	2200	0.8 (0.12)	4.1 (0.12)	1.1 (0.11)	0.12 (0.12)	0.71 (0.12)	U (0.12)	0.51 (0.12)	0.19 (0.12)	0.082 J (0.12)	0.042 J (0.12)	5.6 (0.12)	0.16 (0.12)	1.4 (0.14)	
Metals																
Lead	1000	450	77.4 (2.37)	212 (2.38)	26.7 (2.16)	8.89 (2.34)	8.05 (2.29)	7.02 (2.36)	12.9 (2.4)	116 (2.32)	599 (2.33)	96.1 (2.39)	7.58 (2.37)	8.38 (2.38)	9.92 (2.73)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-G02-C2 301-G02	301-G02-C3 301-G02	301-G02-C4 301-G02	301-G03-C1 301-G03	301-G03-C2 301-G03	301-G03-C3 301-G03	301-G04-C1 301-G04	301-H01-C1 301-H01	301-H01-C2 301-H01	301-H01-D1 301-H01	301-H02-C1 301-H02	301-H02-C2 301-H02	301-H02-C3 301-H02
Field Sample ID	Value (0-2 ft bgs)	Value	301-G02-C2-COMP	301-G02-C3-COMP	301-G02-C4-COMP	301-G03-C1-COMP	301-G03-C2-COMP	301-G03-C3-COMP	301-G04-C1-COMP	301-H01-C1-COMP	301-H01-C2-COMP	301-H01-D1-COMP	301-H02-C1-COMP	301-H02-C2-COMP	301-H02-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	5/19/2022	5/19/2022	5/19/2022	5/20/2022	5/20/2022	5/20/2022	6/2/2022	5/19/2022	5/19/2022	3/30/2023	5/23/2022	5/23/2022	5/23/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	13 (1.2)	U (0.12)	U (0.11)	U (0.12)	0.13 (0.12)	0.056 J (0.12)	0.042 J (0.11)	U (0.12)	U (0.12)	0.087 J (0.12)
Benzo(a)anthracene	130	340	U (0.12)	0.022 J (0.12)	U (0.12)	28 (1.2)	U (0.12)	U (0.11)	U (0.12)	0.052 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.16)	U (0.15)	34 (1.6)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	40 (1.2)	U (0.12)	U (0.11)	U (0.12)	0.043 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.16)	U (0.15)	16 (1.6)	U (0.16)	U (0.15)	U (0.17)	0.029 J (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	0.021 J (0.12)	U (0.12)	26 (1.2)	0.047 J (0.12)	U (0.11)	U (0.12)	0.054 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.19)	0.087 J (0.2)	U (0.19)	10 (2.1)	0.029 J (0.2)	0.069 J (0.19)	0.17 J (0.21)	0.45 (0.2)	0.21 (0.2)	0.26 (0.19)	0.023 J (0.2)	U (0.2)	0.39 (0.2)
Naphthalene	66	25	0.025 J (0.19)	6 (0.2)	0.33 (0.19)	16 (2.1)	1.3 (0.2)	1.2 (0.19)	0.063 J (0.21)	2.6 (0.2)	1.7 (0.2)	3.8 (0.038)	U (0.2)	U (0.2)	2.6 (0.2)
Phenanthrene	190000	10000	U (0.12)	0.2 (0.12)	U (0.12)	51 (1.2)	0.075 J (0.12)	0.11 (0.11)	0.19 (0.12)	1 (0.12)	0.47 (0.12)	0.42 (0.11)	0.044 J (0.12)	U (0.12)	0.57 (0.12)
Pyrene	96000	2200	0.019 J (0.12)	0.05 J (0.12)	U (0.12)	55 (1.2)	0.029 J (0.12)	0.027 J (0.11)	0.042 J (0.12)	0.12 (0.12)	0.034 J (0.12)	0.057 J (0.11)	0.022 J (0.12)	U (0.12)	0.037 J (0.12)
Metals															
Lead	1000	450	24.9 (2.23)	6.58 (2.32)	12.4 (2.27)	322 (2.4)	15.2 (2.32)	7.65 (2.2)	38.2 (2.4)	348 (2.33)	519 (2.42)	19.6 (2.26)	7.7 (2.39)	6.54 (2.31)	15.6 (2.42)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-H02-C4 301-H02	301-H03-C1 301-H03	301-H03-C2 301-H03	301-H03-C3 301-H03	301-I01-C1 301-I01	301-I01-C2 301-I01	301-I01-C3 301-I01	301-I02-C1 301-I02	301-I02-C2 301-I02	301-I02-C3 301-I02	301-I02-C4 301-I02	301-I02-C5 301-I02	301-I03-C1 301-I03
Field Sample ID	Value (0-2 ft bgs)	Value	301-H02-C4-COMP	301-H03-C1-COMP	301-H03-C2-COMP	301-H03-C3-COMP	301-I01-C1-COMP	301-I01-C2-COMP	301-I01-C3-COMP	301-I02-C1-COMP	301-I02-C2-COMP	301-I02-C3-COMP	301-I02-C4-COMP	301-I02-C5-COMP	301-I03-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/20/2022	5/20/2022	5/20/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022	6/2/2022
PAHs															
Anthracene	190000	350	U (0.13)	U (0.11)	U (0.12)	0.072 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	0.087 J (0.12)	0.17 (0.12)	0.15 (0.12)
Benzo(a)anthracene	130	340	U (0.13)	0.049 J (0.11)	U (0.12)	0.038 J (0.12)	0.025 J (0.13)	U (0.12)	U (0.12)	0.025 J (0.12)	0.091 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.65 (0.12)
Benzo(a)pyrene	91	46	U (0.17)	0.068 J (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.15)	0.073 J (0.16)	U (0.17)	U (0.16)	U (0.16)	0.69 (0.16)
Benzo(b)fluoranthene	76	170	U (0.13)	0.074 J (0.11)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.039 J (0.12)	0.078 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.82 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.17)	0.05 J (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	0.027 J (0.15)	0.035 J (0.16)	U (0.17)	U (0.16)	U (0.16)	0.4 (0.16)
Chrysene	760	230	U (0.13)	0.049 J (0.11)	U (0.12)	0.028 J (0.12)	U (0.13)	U (0.12)	U (0.12)	0.026 J (0.12)	0.079 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.62 (0.12)
Fluorene	130000	3800	0.025 J (0.21)	U (0.19)	0.032 J (0.2)	0.32 (0.2)	0.026 J (0.21)	U (0.2)	0.14 J (0.2)	0.02 J (0.19)	0.32 (0.2)	0.063 J (0.21)	0.33 (0.2)	0.73 (0.21)	0.055 J (0.19)
Naphthalene	66	25	0.22 (0.21)	0.42 (0.19)	0.14 J (0.2)	49 (2)	0.085 J (0.21)	0.13 J (0.2)	0.65 (0.2)	0.25 (0.19)	2.8 (0.2)	0.85 (0.21)	0.32 (0.2)	2.6 (0.21)	0.047 J (0.19)
Phenanthrene	190000	10000	0.045 J (0.13)	0.046 J (0.11)	0.05 J (0.12)	0.39 (0.12)	0.053 J (0.13)	U (0.12)	0.24 (0.12)	0.047 J (0.12)	0.77 (0.12)	0.12 (0.12)	0.6 (0.12)	1.3 (0.12)	0.33 (0.12)
Pyrene	96000	2200	U (0.13)	0.063 J (0.11)	U (0.12)	0.12 (0.12)	0.028 J (0.13)	U (0.12)	0.03 J (0.12)	0.032 J (0.12)	0.27 (0.12)	0.022 J (0.12)	0.028 J (0.12)	0.064 J (0.12)	0.9 (0.12)
Metals															
Lead	1000	450	6.28 (2.5)	34.5 (2.26)	6.86 (2.53)	5.08 (2.42)	259 (2.53)	18 (2.39)	12.7 (2.38)	43.8 (2.27)	7.9 (2.41)	12.1 (2.54)	9.47 (2.3)	6.65 (2.48)	388 (2.19)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-J01-C1 301-J01 301-J01-C1-COMP 6/3/2022	301-J01-C2 301-J01 301-J01-C2-COMP 6/3/2022	301-J01-C3 301-J01 301-J01-C3-COMP 6/3/2022	301-J01-C4 301-J01 301-J01-C4-COMP 6/3/2022	301-J02-C1 301-J02 301-J02-C1-COMP 5/25/2022	301-J02-C2 301-J02 301-J02-C2-COMP 5/25/2022	301-J02-C3 301-J02 301-J02-C3-COMP 5/25/2022	301-J02-C4 301-J02 301-J02-C4-COMP 5/25/2022	301-K01-C1 301-K01 301-K01-C1-COMP 5/25/2022	301-K01-C2 301-K01 301-K01-C2-COMP 5/25/2022	301-K01-C3 301-K01 301-K01-C3-COMP 5/25/2022	301-K01-C4 301-K01 301-K01-C4-COMP 5/25/2022	301-K02-C1 301-K02 301-K02-C1-COMP 5/26/2022
Field Sample ID	Value (0-2 ft bgs)	Value													
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	1.1 (0.12)	0.2 (0.12)	0.1 J (0.11)	U (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	0.037 J (0.11)	U (0.12)	U (0.12)	U (0.6)	U (0.12)
Benzo(a)anthracene	130	340	2.9 (0.12)	0.082 J (0.12)	0.079 J (0.11)	0.032 J (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	0.043 J (0.11)	U (0.12)	U (0.12)	U (0.6)	U (0.12)
Benzo(a)pyrene	91	46	3 (0.17)	U (0.16)	0.064 J (0.14)	U (0.17)	U (0.16)	U (0.15)	U (0.14)	U (0.18)	0.049 J (0.15)	U (0.16)	U (0.16)	U (0.79)	U (0.16)
Benzo(b)fluoranthene	76	170	3.6 (0.12)	0.074 J (0.12)	0.081 J (0.11)	U (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	0.036 J (0.11)	U (0.12)	U (0.12)	U (0.6)	U (0.12)
Benzo(g,h,i)perylene	190000	180	1.8 (0.17)	U (0.16)	0.036 J (0.14)	U (0.17)	U (0.16)	U (0.15)	U (0.14)	U (0.18)	0.048 J (0.15)	U (0.16)	U (0.16)	U (0.79)	U (0.16)
Chrysene	760	230	2.8 (0.12)	0.098 J (0.12)	0.079 J (0.11)	0.025 J (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	0.06 J (0.11)	U (0.12)	U (0.12)	U (0.6)	U (0.12)
Fluorene	130000	3800	0.91 (0.21)	0.36 (0.2)	0.76 (0.18)	0.16 J (0.21)	U (0.2)	U (0.19)	0.092 J (0.18)	0.055 J (0.22)	U (0.19)	0.11 J (0.2)	0.089 J (0.19)	0.96 J (0.99)	0.094 J (0.2)
Naphthalene	66	25	0.38 (0.21)	0.28 (0.2)	5.9 (0.18)	0.58 (0.21)	0.49 (0.2)	U (0.19)	0.44 (0.18)	0.45 (0.22)	0.17 J (0.19)	0.037 J (0.2)	0.045 J (0.19)	20 (0.99)	0.098 J (0.2)
Phenanthrene	190000	10000	2.9 (0.12)	0.81 (0.12)	0.63 (0.11)	0.16 (0.13)	0.027 J (0.12)	U (0.11)	0.067 J (0.11)	0.06 J (0.13)	0.17 (0.11)	0.17 (0.12)	0.2 (0.12)	0.78 (0.6)	0.069 J (0.12)
Pyrene	96000	2200	4.5 (0.12)	0.26 (0.12)	0.18 (0.11)	0.063 J (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.13)	0.12 (0.11)	U (0.12)	0.037 J (0.12)	U (0.6)	U (0.12)
Metals															
Lead	1000	450	137 (2.43)	8.13 (2.43)	5.88 (2.12)	20 (2.46)	19 (4.67)	7.46 (4.42)	7.42 (2.09)	9.57 (5.17)	230 (2.2)	15.5 (4.49)	4.77 (2.29)	24.5 (2.37)	16.9 (2.36)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-K02-C2 301-K02	301-K02-C3 301-K02	301-L02-C1 301-L02	301-L02-C2 301-L02	301-L02-C3 301-L02	301-L02-C4 301-L02	301-L03-C1 301-L03	301-L03-C2 301-L03	301-L03-C3 301-L03	301-M02-C1 301-M02	301-M02-C2 301-M02	301-M02-C3 301-M02	301-M02-C4 301-M02
Field Sample ID	Value (0-2 ft bgs)	Value	301-K02-C2-COMP	301-K02-C3-COMP	301-L02-C1-COMP	301-L02-C2-COMP	301-L02-C3-COMP	301-L02-C4-COMP	301-L03-C1-COMP	301-L03-C2-COMP	301-L03-C3-COMP	301-M02-C1-COMP	301-M02-C2-COMP	301-M02-C3-COMP	301-M02-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	5/26/2022	5/26/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/27/2022	5/31/2022	5/31/2022	5/31/2022	5/31/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.59)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.061 J (0.12)	0.048 J (0.11)	0.051 J (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.59)	0.078 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.039 J (0.12)	0.025 J (0.11)	0.023 J (0.12)	U (0.11)
Benzo(a)pyrene	91	46	U (0.17)	U (0.79)	0.078 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.59)	0.093 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.057 J (0.12)	U (0.11)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.17)	U (0.79)	0.082 J (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.051 J (0.16)	U (0.15)	U (0.16)	U (0.14)
Chrysene	760	230	U (0.12)	U (0.59)	0.091 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.13 (0.12)	0.026 J (0.11)	0.021 J (0.12)	U (0.11)
Fluorene	130000	3800	U (0.21)	2 (0.99)	U (0.19)	0.037 J (0.2)	0.023 J (0.2)	U (0.2)	0.047 J (0.19)	U (0.2)	U (0.2)	0.17 J (0.2)	0.16 J (0.19)	0.09 J (0.2)	U (0.18)
Naphthalene	66	25	U (0.21)	4.4 (0.99)	0.079 J (0.19)	0.025 J (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	0.7 (0.2)	0.17 J (0.19)	0.089 J (0.2)	U (0.18)
Phenanthrene	190000	10000	U (0.12)	1 (0.59)	0.068 J (0.11)	0.042 J (0.12)	0.027 J (0.12)	U (0.12)	0.044 J (0.11)	U (0.12)	U (0.12)	0.28 (0.12)	0.27 (0.11)	0.16 (0.12)	U (0.11)
Pyrene	96000	2200	U (0.12)	U (0.59)	0.076 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.13 (0.12)	0.085 J (0.11)	0.06 J (0.12)	U (0.11)
Metals															
Lead	1000	450	10.5 (4.8)	5.98 (2.33)	209 (2.25)	24.1 (11.8)	12.5 (2.36)	6.82 (2.27)	14.1 (2.26)	7.72 (2.31)	5.08 (2.44)	130 (2.38)	10.2 (2.24)	6.73 (2.29)	7.73 (2.2)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-M03-C1 301-M03	301-M03-C2 301-M03	301-M04-C1 301-M04	301-N02-C1 301-N02	301-N02-C2 301-N02	301-N02-C3 301-N02	301-N02-C4 301-N02	301-N02-D1 301-N02	301-N03-C1 301-N03	301-O02-C1 301-O02	301-O02-C2 301-O02	301-O02-C3 301-O02	301-O02-D1 301-O02
Field Sample ID	Value (0-2 ft bgs)	Value	301-M03-C1-COMP	301-M03-C2-COMP	301-M04-C1-COMP	301-N02-C1-COMP	301-N02-C2-COMP	301-N02-C3-COMP	301-N02-C4-COMP	301-N02-D1-COMP	301-N03-C1-COMP	301-O02-C1-COMP	301-O02-C2-COMP	301-O02-C3-COMP	301-O02-D1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/31/2022	5/31/2022	6/2/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	3/31/2023	6/1/2022	6/1/2022	6/1/2022	6/1/2022	3/30/2023
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	0.89 J (1.3)	0.1 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.62 J (1.2)	U (0.12)	U (0.11)	0.075 J (0.11)	0.084 J (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.046 J (0.11)	U (0.12)	1.1 J (1.3)	0.046 J (0.12)	U (0.12)	U (0.12)	0.022 J (0.12)	U (1.2)	0.093 J (0.12)	0.069 J (0.11)	0.088 J (0.11)	0.095 J (0.12)	U (0.11)
Benzo(a)pyrene	91	46	0.075 J (0.14)	U (0.16)	1.2 J (1.7)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (1.6)	0.12 J (0.16)	0.084 J (0.14)	0.058 J (0.14)	0.072 J (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.062 J (0.11)	U (0.12)	1.1 J (1.3)	0.054 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (1.2)	0.13 (0.12)	0.11 (0.11)	0.077 J (0.11)	0.088 J (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.061 J (0.14)	U (0.16)	0.97 J (1.7)	0.03 J (0.16)	U (0.16)	U (0.16)	U (0.16)	U (1.6)	0.084 J (0.16)	0.072 J (0.14)	0.028 J (0.14)	0.033 J (0.16)	U (0.15)
Chrysene	760	230	0.057 J (0.11)	U (0.12)	2 (1.3)	0.077 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (1.2)	0.095 J (0.12)	0.11 (0.11)	0.081 J (0.11)	0.085 J (0.12)	U (0.11)
Fluorene	130000	3800	U (0.18)	U (0.2)	1 J (2.1)	0.14 J (0.2)	U (0.2)	U (0.2)	U (0.2)	4 (2)	U (0.2)	U (0.18)	0.23 (0.18)	0.18 J (0.2)	0.1 J (0.19)
Naphthalene	66	25	U (0.18)	U (0.2)	2.2 (2.1)	0.052 J (0.2)	U (0.2)	U (0.2)	U (0.2)	29 (0.4)	0.16 J (0.2)	1.3 (0.18)	0.13 J (0.18)	0.13 J (0.2)	0.096 (0.038)
Phenanthrene	190000	10000	U (0.11)	U (0.12)	2.4 (1.3)	0.66 (0.12)	U (0.12)	U (0.12)	0.034 J (0.12)	5 (1.2)	0.086 J (0.12)	0.076 J (0.11)	0.42 (0.11)	0.43 (0.12)	0.16 (0.11)
Pyrene	96000	2200	0.021 J (0.11)	0.022 J (0.12)	3.2 (1.3)	0.22 (0.12)	U (0.12)	U (0.12)	0.025 J (0.12)	0.41 J (1.2)	0.099 J (0.12)	0.1 J (0.11)	0.2 (0.11)	0.22 (0.12)	0.023 J (0.11)
Metals															
Lead	1000	450	299 (2.08)	10.5 (4.77)	15.4 (4.96)	18.1 (2.32)	9.29 (2.34)	7.33 (2.37)	16.1 (11.4)	8.41 (2.34)	150 (2.29)	26 (2.02)	8.53 (2.1)	23.8 (11.8)	7.52 (2.25)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-P02-C1 301-P02 6/2/2022	301-P02-C2 301-P02 6/2/2022	301-P02-C3 301-P02 6/2/2022	301-P02-C4 301-P02 6/2/2022	301-P02-C5 301-P02 6/2/2022	301-Q02-C1 301-Q02 5/19/2022	301-Q02-C2 301-Q02 5/19/2022	301-Q02-C3 301-Q02 5/19/2022	301-Q03-C1 301-Q03 5/18/2022	301-Q03-C2 301-Q03 5/18/2022	301-Q04-C1 301-Q04 6/10/2022	301-Q04-D1 301-Q04 3/31/2023	301-R02-C1 301-R02 5/19/2022
Field Sample ID	Value (0-2 ft bgs)	Value	301-P02-C1-COMP	301-P02-C2-COMP	301-P02-C3-COMP	301-P02-C4-COMP	301-P02-C5-COMP	301-Q02-C1-COMP	301-Q02-C2-COMP	301-Q02-C3-COMP	301-Q03-C1-COMP	301-Q03-C2-COMP	301-Q04-C1-COMP	301-Q04-D1-COMP	301-R02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	0.12 (0.11)	0.28 (0.12)	0.2 (0.12)	0.41 (0.12)	0.069 J (0.11)	0.12 (0.12)	U (0.11)	U (0.1)	U (0.12)	0.058 J (0.12)	0.13 (0.11)	0.26 (0.12)	0.038 J (0.11)
Benzo(a)anthracene	130	340	0.24 (0.11)	0.29 (0.12)	0.074 J (0.12)	0.16 (0.12)	U (0.11)	2.2 (0.12)	0.066 J (0.11)	U (0.1)	U (0.12)	U (0.12)	0.43 (0.11)	0.59 (0.12)	0.022 J (0.11)
Benzo(a)pyrene	91	46	0.4 (0.15)	0.37 (0.16)	0.065 J (0.15)	0.16 (0.15)	U (0.15)	6.3 (0.16)	0.066 J (0.15)	U (0.14)	U (0.16)	U (0.17)	0.48 (0.15)	0.56 (0.16)	U (0.14)
Benzo(b)fluoranthene	76	170	0.26 (0.11)	0.37 (0.12)	0.081 J (0.12)	0.19 (0.12)	U (0.11)	6.2 (0.12)	0.083 J (0.11)	U (0.1)	U (0.12)	U (0.12)	0.44 (0.11)	0.58 (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.33 (0.15)	0.22 (0.16)	0.062 J (0.15)	0.14 J (0.15)	U (0.15)	9.4 (0.82)	0.082 J (0.15)	U (0.14)	U (0.16)	U (0.17)	0.25 (0.15)	0.26 (0.16)	U (0.14)
Chrysene	760	230	0.32 (0.11)	0.28 (0.12)	0.1 J (0.12)	0.2 (0.12)	U (0.11)	6.5 (0.12)	0.15 (0.11)	U (0.1)	U (0.12)	0.022 J (0.12)	0.68 (0.11)	0.52 (0.12)	0.048 J (0.11)
Fluorene	130000	3800	0.49 (0.19)	1.3 (0.2)	0.91 (0.19)	1.7 (0.19)	0.23 (0.19)	0.13 J (0.21)	U (0.18)	U (0.17)	0.049 J (0.2)	0.25 (0.21)	0.048 J (0.19)	0.077 J (0.2)	0.038 J (0.18)
Naphthalene	66	25	4.2 (0.19)	0.61 (0.2)	0.62 (0.19)	2 (0.19)	0.19 (0.19)	0.4 (0.21)	0.059 J (0.18)	U (0.17)	0.034 J (0.2)	0.5 (0.21)	0.052 J (0.19)	0.049 (0.04)	0.049 J (0.18)
Phenanthrene	190000	10000	0.7 (0.11)	1.8 (0.12)	1.2 (0.12)	2.5 (0.12)	0.098 J (0.11)	1.4 (0.12)	0.12 (0.11)	U (0.1)	0.047 J (0.12)	0.32 (0.12)	0.55 (0.11)	0.97 (0.12)	0.12 (0.11)
Pyrene	96000	2200	0.34 (0.11)	0.43 (0.12)	0.26 (0.12)	0.54 (0.12)	0.074 J (0.11)	4.6 (0.12)	0.13 (0.11)	U (0.1)	U (0.12)	0.067 J (0.12)	0.99 (0.11)	1 (0.12)	0.18 (0.11)
Metals															
Lead	1000	450	39.3 (4.29)	37.3 (2.39)	62.8 (2.27)	109 (2.2)	8.13 (4.43)	7.06 (2.42)	74 (2.18)	2.05 (2.04)	124 (2.38)	9.24 (2.48)	81.4 (11.2)	72.7 (2.33)	18 (2.12)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	301-R02-C2	301-R02-C3	301-R02-C4	301-R03-C1	301-R03-C2	301-S02-C1	301-S02-C2	301-S02-C3	301-S02-C4	301-S02-C5	301-S03-C1	301-T04-C1	301-T04-C2
	Direct Contact	Groundwater	301-R02	301-R02	301-R02	301-R03	301-R03	301-S02	301-S02	301-S02	301-S02	301-S02	301-S03	301-T04	301-T04
Field Sample ID	Value (0-2 ft bgs)	Value	301-R02-C2-COMP	301-R02-C3-COMP	301-R02-C4-COMP	301-R03-C1-COMP	301-R03-C2-COMP	301-S02-C1-COMP	301-S02-C2-COMP	301-S02-C3-COMP	301-S02-C4-COMP	301-S02-C5-COMP	301-S03-C1-COMP	301-T04-C1-COMP	301-T04-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	5/19/2022	5/19/2022	5/19/2022	5/18/2022	5/18/2022	5/19/2022	5/19/2022	5/19/2022	5/19/2022	5/19/2022	5/17/2022	5/17/2022	5/17/2022
PAHs															
Anthracene	190000	350	2.2 (0.6)	0.092 J (0.1)	0.16 (0.13)	0.045 J (0.12)	U (0.12)	U (0.12)	0.057 J (0.11)	U (0.11)	U (0.14)	U (0.12)	U (0.57)	U (0.11)	0.058 J (0.11)
Benzo(a)anthracene	130	340	4.2 (0.6)	0.026 J (0.1)	U (0.13)	0.11 J (0.12)	0.058 J (0.12)	0.21 (0.12)	0.06 J (0.11)	0.063 J (0.11)	U (0.14)	U (0.12)	U (0.57)	0.043 J (0.11)	0.033 J (0.11)
Benzo(a)pyrene	91	46	3.7 (0.8)	U (0.14)	U (0.17)	0.21 (0.16)	0.053 J (0.16)	0.058 J (0.16)	0.059 J (0.15)	U (0.15)	U (0.18)	U (0.16)	U (0.76)	0.05 J (0.15)	U (0.14)
Benzo(b)fluoranthene	76	170	4.2 (0.6)	U (0.1)	U (0.13)	0.2 (0.12)	0.073 J (0.12)	0.072 J (0.12)	0.057 J (0.11)	U (0.11)	U (0.14)	U (0.12)	U (0.57)	0.051 J (0.11)	0.046 J (0.11)
Benzo(g,h,i)perylene	190000	180	1.9 (0.8)	U (0.14)	U (0.17)	0.14 J (0.16)	0.044 J (0.16)	0.043 J (0.16)	0.17 (0.15)	0.075 J (0.15)	U (0.18)	U (0.16)	U (0.76)	0.026 J (0.15)	0.029 J (0.14)
Chrysene	760	230	4.2 (0.6)	0.047 J (0.1)	U (0.13)	0.096 J (0.12)	0.098 J (0.12)	0.53 (0.12)	0.22 (0.11)	0.18 (0.11)	U (0.14)	U (0.12)	U (0.57)	0.037 J (0.11)	0.066 J (0.11)
Fluorene	130000	3800	1.1 (1)	0.46 (0.17)	1.3 (0.21)	0.038 J (0.2)	0.11 J (0.2)	U (0.2)	0.074 J (0.18)	U (0.19)	U (0.23)	U (0.19)	0.74 J (0.96)	0.052 J (0.18)	0.31 (0.18)
Naphthalene	66	25	2.1 (1)	0.11 J (0.17)	0.3 (0.21)	0.066 J (0.2)	0.79 (0.2)	0.049 J (0.2)	0.038 J (0.18)	U (0.19)	U (0.23)	U (0.19)	U (0.96)	U (0.18)	0.086 J (0.18)
Phenanthrene	190000	10000	8.3 (0.6)	0.82 (0.1)	2.4 (0.13)	0.16 (0.12)	0.18 (0.12)	0.26 (0.12)	1.3 (0.11)	0.16 (0.11)	U (0.14)	U (0.12)	0.74 (0.57)	0.048 J (0.11)	0.38 (0.11)
Pyrene	96000	2200	6.6 (0.6)	0.097 J (0.1)	0.082 J (0.13)	0.12 (0.12)	0.13 (0.12)	0.7 (0.12)	0.31 (0.11)	0.18 (0.11)	U (0.14)	U (0.12)	U (0.57)	0.054 J (0.11)	0.087 J (0.11)
Metals															
Lead	1000	450	15.4 (2.33)	15.8 (2)	5.15 (2.49)	22 (2.38)	14.1 (2.3)	19.4 (2.4)	4.49 (2.11)	9.14 (2.18)	10.8 (2.68)	7.74 (2.32)	10.4 (2.25)	25.4 (2.21)	9.34 (2.18)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-T04-C3 301-T04	301-U04-C1 301-U04	301-U04-C2 301-U04	301-U04-C3 301-U04	301-U04-C4 301-U04	301-V04-C1 301-V04	301-V04-C2 301-V04	301-V04-C3 301-V04	301-V04-C4 301-V04	301-W03-C1 301-W03	301-W03-C2 301-W03	301-W03-C3 301-W03	301-W04-C1 301-W04
Field Sample ID	Value (0-2 ft bgs)	Value	301-T04-C3-COMP	301-U04-C1-COMP	301-U04-C2-COMP	301-U04-C3-COMP	301-U04-C4-COMP	301-V04-C1-COMP	301-V04-C2-COMP	301-V04-C3-COMP	301-V04-C4-COMP	301-W03-C1-COMP	301-W03-C2-COMP	301-W03-C3-COMP	301-W04-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/17/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/23/2022	5/23/2022	5/23/2022	6/10/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.11 (0.1)	0.082 J (0.11)	0.28 (0.11)	0.56 (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	U (0.1)	0.21 (0.13)	U (0.1)	U (0.1)	0.038 J (0.11)
Benzo(a)anthracene	130	340	U (0.12)	0.12 (0.1)	0.18 (0.11)	0.06 J (0.11)	0.11 J (0.12)	0.036 J (0.12)	0.14 (0.12)	U (0.12)	U (0.1)	0.28 (0.13)	U (0.1)	U (0.1)	0.2 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	0.066 J (0.14)	0.13 J (0.14)	U (0.15)	0.09 J (0.16)	U (0.16)	0.11 J (0.16)	U (0.16)	U (0.14)	0.16 J (0.17)	U (0.14)	U (0.14)	0.4 (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	0.12 (0.1)	0.19 (0.11)	0.051 J (0.11)	0.11 J (0.12)	0.048 J (0.12)	0.14 (0.12)	U (0.12)	U (0.1)	0.15 (0.13)	U (0.1)	U (0.1)	0.4 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.051 J (0.14)	0.11 J (0.14)	0.036 J (0.15)	0.065 J (0.16)	0.025 J (0.16)	0.1 J (0.16)	U (0.16)	U (0.14)	0.14 J (0.17)	U (0.14)	U (0.14)	0.46 (0.15)
Chrysene	760	230	U (0.12)	0.22 (0.1)	0.2 (0.11)	0.074 J (0.11)	0.15 (0.12)	0.026 J (0.12)	0.24 (0.12)	U (0.12)	U (0.1)	0.78 (0.13)	U (0.1)	U (0.1)	0.22 (0.11)
Fluorene	130000	3800	0.23 (0.19)	0.16 J (0.17)	0.11 J (0.18)	0.44 (0.19)	1.4 (0.2)	0.054 J (0.2)	0.31 (0.2)	U (0.2)	U (0.18)	0.25 (0.21)	U (0.18)	U (0.17)	U (0.19)
Naphthalene	66	25	0.041 J (0.19)	0.71 (0.17)	0.35 (0.18)	0.041 J (0.19)	0.1 J (0.2)	0.064 J (0.2)	0.16 J (0.2)	U (0.2)	U (0.18)	0.31 (0.21)	U (0.18)	U (0.17)	0.045 J (0.19)
Phenanthrene	190000	10000	0.23 (0.12)	0.6 (0.1)	0.45 (0.11)	1.3 (0.11)	3.4 (0.12)	0.12 (0.12)	0.67 (0.12)	0.024 J (0.12)	U (0.1)	1.7 (0.13)	U (0.1)	U (0.1)	0.17 (0.11)
Pyrene	96000	2200	0.032 J (0.12)	0.38 (0.1)	0.29 (0.11)	0.3 (0.11)	0.41 (0.12)	0.069 J (0.12)	0.41 (0.12)	0.02 J (0.12)	U (0.1)	1 (0.13)	U (0.1)	U (0.1)	0.36 (0.11)
Metals															
Lead	1000	450	10.1 (2.31)	11 (2.02)	123 (2.15)	28.4 (2.22)	123 (2.35)	295 (2.32)	228 (2.35)	18 (2.41)	8.43 (2.12)	6.33 (2.51)	21.6 (2.1)	15.5 (4.14)	73.3 (2.22)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-X03-C1 301-X03 301-X03-C1-COMP 5/23/2022	301-X03-C2 301-X03 301-X03-C2-COMP 5/23/2022	301-X03-C3 301-X03 301-X03-C3-COMP 5/23/2022	301-X03-C4 301-X03 301-X03-C4-COMP 5/23/2022	301-Y03-C1 301-Y03 301-Y03-C1-COMP 5/23/2022	301-Y03-C2 301-Y03 301-Y03-C2-COMP 5/23/2022	301-Y03-C3 301-Y03 301-Y03-C3-COMP 5/23/2022	301-Y04-C1 301-Y04 301-Y04-C1-COMP 5/25/2022	301-Y04-C2 301-Y04 301-Y04-C2-COMP 5/25/2022	301-Y04-C3 301-Y04 301-Y04-C3-COMP 5/25/2022	301-Y04-C4 301-Y04 301-Y04-C4-COMP 5/25/2022	301-Y05-C1 301-Y05 301-Y05-C1-COMP 6/9/2022	301-Y05-C2 301-Y05 301-Y05-C2-COMP 6/9/2022
Field Sample ID Sample Date	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)													
PAHs															
Anthracene	190000	350	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.1)	U (0.1)	0.13 (0.11)	U (0.13)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.1)	U (0.1)	0.054 J (0.11)	0.028 J (0.13)	U (0.11)	0.028 J (0.13)	U (0.11)	0.033 J (0.12)	0.032 J (0.12)
Benzo(a)pyrene	91	46	U (0.14)	U (0.14)	U (0.14)	U (0.14)	U (0.13)	0.058 J (0.13)	U (0.15)	U (0.17)	U (0.15)	U (0.18)	U (0.15)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.13)	U (0.11)	0.039 J (0.12)	0.049 J (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.14)	U (0.14)	U (0.14)	U (0.13)	U (0.13)	U (0.15)	U (0.17)	U (0.15)	U (0.18)	U (0.15)	0.029 J (0.16)	0.037 J (0.16)
Chrysene	760	230	U (0.11)	U (0.1)	U (0.1)	U (0.11)	0.027 J (0.1)	0.044 J (0.1)	0.082 J (0.11)	0.023 J (0.13)	U (0.11)	0.023 J (0.13)	U (0.11)	0.031 J (0.12)	0.034 J (0.12)
Fluorene	130000	3800	U (0.18)	U (0.18)	U (0.17)	U (0.18)	0.043 J (0.17)	U (0.17)	0.54 (0.19)	U (0.21)	U (0.19)	0.032 J (0.22)	U (0.18)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.18)	U (0.18)	U (0.17)	U (0.18)	0.11 J (0.17)	U (0.17)	0.32 (0.19)	U (0.21)	U (0.19)	0.042 J (0.22)	U (0.18)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.11)	U (0.1)	U (0.1)	U (0.11)	0.082 J (0.1)	0.032 J (0.1)	0.96 (0.11)	U (0.13)	U (0.11)	0.15 (0.13)	U (0.11)	0.025 J (0.12)	0.028 J (0.12)
Pyrene	96000	2200	U (0.11)	U (0.1)	U (0.1)	U (0.11)	0.023 J (0.1)	0.019 J (0.1)	0.16 (0.11)	0.03 J (0.13)	U (0.11)	0.063 J (0.13)	U (0.11)	0.034 J (0.12)	0.042 J (0.12)
Metals															
Lead	1000	450	9.69 (2.12)	3.12 (2)	3.32 (2.02)	3.08 (2.19)	37.6 (1.98)	215 (1.99)	5.43 (2.19)	29.9 (2.52)	15.7 (2.26)	5.34 (2.63)	24.1 (2.14)	30.4 (2.31)	118 (2.33)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-Z04-C1 301-Z04 301-Z04-C1-COMP 5/26/2022	301-Z04-C2 301-Z04 301-Z04-C2-COMP 5/26/2022	301-Z04-C3 301-Z04 301-Z04-C3-COMP 5/26/2022	301-Z04-C4 301-Z04 301-Z04-C4-COMP 5/26/2022	301-Z04-C5 301-Z04 301-Z04-C5-COMP 5/26/2022	301-Z05-C1 301-Z05 301-Z05-C1-COMP 5/24/2022	301-Z05-C2 301-Z05 301-Z05-C2-COMP 5/24/2022	301-Z05-C3 301-Z05 301-Z05-C3-COMP 5/24/2022	301-Z06-C1 301-Z06 301-Z06-C1-COMP 5/24/2022	301-Z06-C2 301-Z06 301-Z06-C2-COMP 5/24/2022	301-Z06-C3 301-Z06 301-Z06-C3-COMP 5/24/2022	301-Z06-C4 301-Z06 301-Z06-C4-COMP 5/24/2022	301-Z06-C5 301-Z06 301-Z06-C5-COMP 5/24/2022
Field Sample ID Sample Date	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)													
PAHs															
Anthracene	190000	350	0.21 (0.12)	0.052 J (0.12)	0.062 J (0.12)	0.057 J (0.11)	0.11 J (0.12)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.036 J (0.11)	U (0.11)	U (0.11)	0.086 J (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.12)	0.07 J (0.11)	U (0.11)	0.052 J (0.11)	0.027 J (0.11)	0.048 J (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.16)	0.089 J (0.15)	U (0.14)	0.067 J (0.15)	U (0.15)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.12)	0.097 J (0.11)	U (0.11)	0.075 J (0.11)	0.038 J (0.11)	0.045 J (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.16)	0.061 J (0.15)	U (0.14)	0.053 J (0.15)	0.025 J (0.15)	0.03 J (0.15)
Chrysene	760	230	0.02 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.035 J (0.1)	0.052 J (0.12)	U (0.12)	0.076 J (0.11)	0.082 J (0.11)	0.068 J (0.11)	0.035 J (0.11)	0.19 (0.11)
Fluorene	130000	3800	0.98 (0.2)	0.25 (0.2)	0.4 (0.2)	0.25 (0.19)	0.5 (0.2)	0.017 J (0.18)	0.2 J (0.21)	0.068 J (0.2)	0.074 J (0.19)	0.31 (0.18)	0.023 J (0.18)	0.049 J (0.18)	0.81 (0.19)
Naphthalene	66	25	0.28 (0.2)	0.055 J (0.2)	0.13 J (0.2)	0.054 J (0.19)	0.1 J (0.2)	U (0.18)	U (0.21)	U (0.2)	0.054 J (0.19)	U (0.18)	0.023 J (0.18)	U (0.18)	U (0.19)
Phenanthrene	190000	10000	1.8 (0.12)	0.5 (0.12)	0.68 (0.12)	0.58 (0.11)	1.1 (0.12)	0.035 J (0.1)	0.049 J (0.12)	0.12 (0.12)	0.18 (0.11)	0.3 (0.11)	0.076 J (0.11)	0.068 J (0.11)	1.4 (0.11)
Pyrene	96000	2200	0.07 J (0.12)	U (0.12)	0.022 J (0.12)	0.021 J (0.11)	0.036 J (0.12)	0.017 J (0.1)	0.047 J (0.12)	U (0.12)	0.11 (0.11)	0.066 J (0.11)	0.092 J (0.11)	0.041 J (0.11)	0.16 (0.11)
Metals															
Lead	1000	450	12.7 (4.61)	8.09 (4.8)	6.26 (4.64)	8.53 (4.4)	10.7 (4.69)	9.6 (2.06)	7.48 (2.42)	6.02 (2.3)	56.6 (2.23)	5.96 (2.11)	72.7 (2.12)	4.85 (2.17)	6.73 (2.18)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AD08-C1	302-AD08-C2	302-AD08-C3	302-AD08-C4	302-AD09-C1	302-AD09-C2	302-AD09-C3	302-AD09-C4	302-AD09-C5	302-AD10-C1	302-AD10-C2	302-AD10-C3	302-AD10-C4
Field Sample ID	Value (0-2 ft bgs)	Value	302-AD08-C1-COMP	302-AD08-C2-COMP	302-AD08-C3-COMP	302-AD08-C4-COMP	302-AD09-C1-COMP	302-AD09-C2-COMP	302-AD09-C3-COMP	302-AD09-C4-COMP	302-AD09-C5-COMP	302-AD10-C1-COMP	302-AD10-C2-COMP	302-AD10-C3-COMP	302-AD10-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	6/2/2022	6/2/2022	6/2/2022	6/2/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	0.038 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.22 (0.11)	U (0.13)	0.47 (0.11)	2.1 (0.11)
Benzo(a)anthracene	130	340	0.035 J (0.12)	0.092 J (0.11)	0.058 J (0.11)	0.095 J (0.12)	U (0.12)	0.04 J (0.12)	0.023 J (0.11)	U (0.12)	0.039 J (0.12)	0.18 (0.11)	U (0.13)	0.47 (0.11)	5.1 (0.11)
Benzo(a)pyrene	91	46	U (0.15)	0.12 J (0.15)	0.068 J (0.15)	0.15 (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.15 (0.15)	U (0.17)	0.36 (0.15)	5 (0.15)
Benzo(b)fluoranthene	76	170	0.038 J (0.12)	0.12 (0.11)	0.077 J (0.11)	0.16 (0.12)	U (0.12)	0.049 J (0.12)	U (0.11)	U (0.12)	0.043 J (0.12)	0.18 (0.11)	U (0.13)	0.48 (0.11)	6.4 (0.11)
Benzo(g,h,i)perylene	190000	180	0.026 J (0.15)	0.071 J (0.15)	0.052 J (0.15)	0.12 J (0.15)	U (0.16)	0.034 J (0.16)	U (0.15)	U (0.16)	0.024 J (0.16)	0.1 J (0.15)	U (0.17)	0.35 (0.15)	3.3 (0.15)
Chrysene	760	230	0.05 J (0.12)	0.11 (0.11)	0.074 J (0.11)	0.12 (0.12)	U (0.12)	0.044 J (0.12)	0.026 J (0.11)	U (0.12)	0.037 J (0.12)	0.21 (0.11)	U (0.13)	0.63 (0.11)	4.6 (0.11)
Fluorene	130000	3800	0.038 J (0.19)	0.02 J (0.19)	0.019 J (0.19)	0.03 J (0.19)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	0.43 (0.18)	U (0.21)	0.81 (0.19)	0.78 (0.19)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	0.027 J (0.2)	U (0.19)	U (0.2)	U (0.19)	0.58 (0.18)	U (0.21)	0.79 (0.19)	0.6 (0.19)
Phenanthrene	190000	10000	0.049 J (0.12)	0.056 J (0.11)	0.072 J (0.11)	0.13 (0.12)	U (0.12)	0.074 J (0.12)	0.026 J (0.11)	U (0.12)	0.037 J (0.12)	0.98 (0.11)	U (0.13)	1.3 (0.11)	9.4 (0.56)
Pyrene	96000	2200	0.062 J (0.12)	0.13 (0.11)	0.089 J (0.11)	0.15 (0.12)	U (0.12)	0.063 J (0.12)	0.054 J (0.11)	U (0.12)	0.052 J (0.12)	0.5 (0.11)	0.024 J (0.13)	0.98 (0.11)	10 (0.56)
Metals															
Lead	1000	450	5.13 (2.26)	63.9 (2.27)	42.9 (2.22)	48.8 (2.3)	258 (2.33)	11.9 (2.25)	86.2 (2.16)	7.12 (2.38)	45.1 (2.33)	70.6 (2.18)	230 (12.9)	256 (2.22)	107 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	302-AD11-C1	302-AD11-C2	302-AD11-C3	302-AD11-C4	302-AD12-C1	302-AD12-C2	302-AD12-C3	302-AD12-C4	302-AD12-C5	302-AD13-C1	302-AD13-C2	302-AD13-C3	302-AE09-C1
	Direct Contact	Groundwater	302-AD11	302-AD11	302-AD11	302-AD11	302-AD12	302-AD12	302-AD12	302-AD12	302-AD12	302-AD13	302-AD13	302-AD13	302-AE09
Field Sample ID	Value (0-2 ft bgs)	Value	302-AD11-C1-COMP	302-AD11-C2-COMP	302-AD11-C3-COMP	302-AD11-C4-COMP	302-AD12-C1-COMP	302-AD12-C2-COMP	302-AD12-C3-COMP	302-AD12-C4-COMP	302-AD12-C5-COMP	302-AD13-C1-COMP	302-AD13-C2-COMP	302-AD13-C3-COMP	302-AE09-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/9/2022	6/9/2022	6/9/2022	6/8/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.14)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.052 J (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.028 J (0.11)	0.022 J (0.11)	0.029 J (0.12)	0.085 J (0.12)	U (0.12)	U (0.14)	U (0.13)	0.15 (0.12)	0.048 J (0.12)	U (0.12)	U (0.12)	0.18 (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.15)	U (0.16)	0.11 J (0.16)	U (0.16)	U (0.18)	U (0.17)	0.15 J (0.16)	0.056 J (0.16)	U (0.15)	U (0.16)	0.19 (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.033 J (0.11)	U (0.11)	0.04 J (0.12)	0.14 (0.12)	U (0.12)	U (0.14)	U (0.13)	0.15 (0.12)	0.057 J (0.12)	U (0.12)	U (0.12)	0.2 (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.15)	U (0.16)	0.068 J (0.16)	U (0.16)	U (0.18)	U (0.17)	0.08 J (0.16)	0.04 J (0.16)	U (0.15)	U (0.16)	0.079 J (0.16)	U (0.16)
Chrysene	760	230	0.024 J (0.11)	U (0.11)	0.028 J (0.12)	0.078 J (0.12)	U (0.12)	U (0.14)	U (0.13)	0.17 (0.12)	0.045 J (0.12)	U (0.12)	U (0.12)	0.16 (0.12)	U (0.12)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.23)	U (0.21)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.2)	U (0.19)	U (0.2)	U (0.23)	U (0.21)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.11)	U (0.11)	U (0.12)	0.058 J (0.12)	U (0.12)	U (0.14)	U (0.13)	0.05 J (0.12)	0.051 J (0.12)	U (0.12)	U (0.12)	0.17 (0.12)	U (0.12)
Pyrene	96000	2200	0.035 J (0.11)	0.029 J (0.11)	0.041 J (0.12)	0.1 J (0.12)	U (0.12)	U (0.14)	U (0.13)	0.2 (0.12)	0.061 J (0.12)	U (0.12)	U (0.12)	0.23 (0.12)	U (0.12)
Metals															
Lead	1000	450	34.8 (2.24)	38.3 (2.2)	6.71 (2.32)	26.7 (2.3)	5.44 (2.4)	6.88 (2.66)	9.78 (2.5)	108 (4.65)	35.6 (2.34)	15.2 (2.22)	42.8 (2.31)	11.8 (2.33)	7.2 (2.33)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AE09-C2 302-AE09 302-AE09-C2-COMP 6/8/2022	302-AE09-C3 302-AE09 302-AE09-C3-COMP 6/8/2022	302-AE09-C4 302-AE09 302-AE09-C4-COMP 6/8/2022	302-AE10-C1 302-AE10 302-AE10-C1-COMP 6/9/2022	302-AE10-C2 302-AE10 302-AE10-C2-COMP 6/9/2022	302-AE10-C3 302-AE10 302-AE10-C3-COMP 6/9/2022	302-AE10-C4 302-AE10 302-AE10-C4-COMP 6/9/2022	302-AF06-C1 302-AF06 302-AF06-C1-COMP 6/14/2022	302-AF06-C2 302-AF06 302-AF06-C2-COMP 6/14/2022	302-AF06-C3 302-AF06 302-AF06-C3-COMP 6/14/2022	302-AF06-C4 302-AF06 302-AF06-C4-COMP 6/14/2022	302-AF06-C5 302-AF06 302-AF06-C5-COMP 6/14/2022	302-AG07-C1 302-AG07 302-AG07-C1-COMP 6/14/2022
Field Sample ID Sample Date	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)													
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.12)	1.5 (0.12)	0.083 J (0.11)	0.13 (0.12)	U (0.12)	0.069 J (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	0.08 J (0.1)	0.035 J (0.12)	3.8 (0.12)	0.48 (0.11)	0.68 (0.12)	0.029 J (0.12)	0.28 (0.11)	0.08 J (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.14)	U (0.15)	U (0.15)	0.079 J (0.14)	U (0.16)	3.8 (0.15)	0.51 (0.15)	1.1 (0.16)	U (0.16)	0.28 (0.15)	0.081 J (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	0.091 J (0.1)	0.04 J (0.12)	4.8 (0.12)	0.61 (0.11)	1.2 (0.12)	U (0.12)	0.35 (0.11)	0.097 J (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.14)	U (0.15)	U (0.15)	0.044 J (0.14)	U (0.16)	1.9 (0.15)	0.26 (0.15)	0.8 (0.16)	U (0.16)	0.16 (0.15)	0.043 J (0.15)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	0.08 J (0.1)	0.033 J (0.12)	3.6 (0.12)	0.43 (0.11)	0.8 (0.12)	0.025 J (0.12)	0.31 (0.11)	0.074 J (0.12)
Fluorene	130000	3800	U (0.19)	U (0.18)	U (0.18)	U (0.18)	U (0.18)	U (0.18)	U (0.19)	0.49 (0.19)	0.028 J (0.19)	0.064 J (0.2)	U (0.2)	0.046 J (0.19)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.18)	U (0.18)	U (0.18)	U (0.18)	U (0.18)	U (0.19)	0.035 J (0.19)	0.033 J (0.19)	U (0.2)	U (0.2)	0.059 J (0.19)	U (0.19)
Phenanthrene	190000	10000	0.024 J (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	0.1 (0.1)	0.026 J (0.12)	4.6 (0.12)	0.22 (0.11)	0.45 (0.12)	0.026 J (0.12)	0.33 (0.11)	0.11 J (0.12)
Pyrene	96000	2200	0.025 J (0.12)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	0.13 (0.1)	0.046 J (0.12)	5.9 (0.12)	0.68 (0.11)	0.97 (0.12)	0.04 J (0.12)	0.47 (0.11)	0.12 (0.12)
Metals															
Lead	1000	450	18 (2.3)	6.95 (2.21)	3.84 (2.15)	8.09 (2.16)	14.1 (4.31)	21.6 (2.08)	6.05 (2.27)	7.74 (2.32)	5.5 (2.16)	55.4 (2.37)	21.6 (2.43)	8.11 (2.21)	5.75 (2.33)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AG07-C2 302-AG07	302-AG07-C3 302-AG07	302-AJ09-C1 302-AJ09	302-AJ09-C2 302-AJ09	302-AJ09-C3 302-AJ09	302-AJ09-C4 302-AJ09	302-AJ09-C5 302-AJ09	302-AK06-C1 302-AK06	302-AK06-C2 302-AK06	302-AK06-C3 302-AK06	302-AK06-C4 302-AK06	302-AL06-C1 302-AL06	302-AL06-C2 302-AL06
Field Sample ID	Value (0-2 ft bgs)	Value	302-AG07-C2-COMP	302-AG07-C3-COMP	302-AJ09-C1-COMP	302-AJ09-C2-COMP	302-AJ09-C3-COMP	302-AJ09-C4-COMP	302-AJ09-C5-COMP	302-AK06-C1-COMP	302-AK06-C2-COMP	302-AK06-C3-COMP	302-AK06-C4-COMP	302-AL06-C1-COMP	302-AL06-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	6/14/2022	6/14/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	0.04 J (0.12)	0.1 J (0.11)	0.085 J (0.11)	0.065 J (0.11)	0.18 (0.11)	0.077 J (0.11)	0.12 (0.11)	U (0.12)	0.26 (0.11)	0.14 (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	U (0.12)	0.12 (0.12)	0.48 (0.11)	0.3 (0.11)	0.26 (0.11)	0.12 (0.11)	0.23 (0.11)	0.32 (0.11)	0.056 J (0.12)	0.84 (0.11)	0.4 (0.11)	0.049 J (0.12)
Benzo(a)pyrene	91	46	U (0.15)	U (0.16)	0.12 J (0.15)	0.5 (0.15)	0.38 (0.15)	0.32 (0.15)	0.082 J (0.15)	0.3 (0.15)	0.4 (0.15)	0.062 J (0.16)	1.1 (0.15)	0.55 (0.14)	0.062 J (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.12)	0.14 (0.12)	0.59 (0.11)	0.42 (0.11)	0.36 (0.11)	0.071 J (0.11)	0.31 (0.11)	0.47 (0.11)	0.067 J (0.12)	1.3 (0.11)	0.68 (0.11)	0.073 J (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.16)	0.086 J (0.15)	0.31 (0.15)	0.24 (0.15)	0.2 (0.15)	0.058 J (0.15)	0.29 (0.15)	0.29 (0.15)	0.051 J (0.16)	0.74 (0.15)	0.44 (0.14)	0.049 J (0.15)
Chrysene	760	230	U (0.11)	U (0.12)	0.12 (0.12)	0.45 (0.11)	0.3 (0.11)	0.26 (0.11)	0.19 (0.11)	0.27 (0.11)	0.34 (0.11)	0.061 J (0.12)	0.89 (0.11)	0.46 (0.11)	0.054 J (0.12)
Fluorene	130000	3800	U (0.19)	U (0.2)	0.03 J (0.19)	0.027 J (0.18)	0.039 J (0.18)	0.027 J (0.19)	0.67 (0.19)	0.028 J (0.18)	0.039 J (0.19)	U (0.2)	0.088 J (0.19)	0.045 J (0.18)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.2)	0.042 J (0.19)	0.025 J (0.18)	0.061 J (0.18)	0.18 J (0.19)	0.15 J (0.19)	0.28 (0.18)	0.34 (0.19)	0.024 J (0.2)	0.24 (0.19)	0.26 (0.18)	0.083 J (0.19)
Phenanthrene	190000	10000	U (0.11)	U (0.12)	0.14 (0.12)	0.37 (0.11)	0.26 (0.11)	0.23 (0.11)	1.1 (0.11)	0.24 (0.11)	0.32 (0.11)	0.051 J (0.12)	0.85 (0.11)	0.36 (0.11)	0.058 J (0.12)
Pyrene	96000	2200	U (0.11)	U (0.12)	0.19 (0.12)	0.78 (0.11)	0.48 (0.11)	0.34 (0.11)	0.41 (0.11)	0.29 (0.11)	0.44 (0.11)	0.078 J (0.12)	1.4 (0.11)	0.51 (0.11)	0.082 J (0.12)
Metals															
Lead	1000	450	4.77 (2.13)	7.43 J (12)	209 (4.56)	186 (2.21)	170 (2.25)	136 (2.25)	10.3 (2.28)	5.23 (2.12)	194 (2.24)	230 (2.31)	230 (2.22)	75.7 (2.12)	107 (2.26)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AL06-C3	302-AL06-C4	302-AL06-C5	302-AN02-C1	302-AN02-C2	302-AN02-C3	302-AN02-C4	302-AN02-C5	302-AO03-C1	302-AO03-C2	302-AO03-C3	302-AO03-C4	302-AQ02-C1
Field Sample ID	Value (0-2 ft bgs)	Value	302-AL06-C3-COMP	302-AL06-C4-COMP	302-AL06-C5-COMP	302-AN02-C1-COMP	302-AN02-C2-COMP	302-AN02-C3-COMP	302-AN02-C4-COMP	302-AN02-C5-COMP	302-AO03-C1-COMP	302-AO03-C2-COMP	302-AO03-C3-COMP	302-AO03-C4-COMP	302-AQ02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/7/2022	6/7/2022	6/7/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/15/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	0.13 (0.12)	U (0.11)	0.054 J (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)
Benzo(a)anthracene	130	340	0.06 J (0.11)	0.043 J (0.12)	0.44 (0.12)	0.058 J (0.11)	0.12 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.08 J (0.11)
Benzo(a)pyrene	91	46	0.087 J (0.15)	0.054 J (0.16)	0.78 (0.17)	0.06 J (0.15)	0.11 J (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	0.22 (0.15)
Benzo(b)fluoranthene	76	170	0.095 J (0.11)	0.06 J (0.12)	0.85 (0.12)	0.066 J (0.11)	0.12 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.2 (0.11)
Benzo(g,h,i)perylene	190000	180	0.067 J (0.15)	0.031 J (0.16)	0.61 (0.17)	0.047 J (0.15)	0.069 J (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	0.16 (0.15)
Chrysene	760	230	0.062 J (0.11)	0.041 J (0.12)	0.58 (0.12)	0.059 J (0.11)	0.12 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.086 J (0.11)
Fluorene	130000	3800	U (0.19)	U (0.19)	0.059 J (0.21)	U (0.18)	0.021 J (0.18)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.21)	U (0.19)	U (0.18)
Naphthalene	66	25	0.047 J (0.19)	0.043 J (0.19)	0.54 (0.21)	U (0.18)	0.023 J (0.18)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.21)	U (0.19)	0.032 J (0.18)
Phenanthrene	190000	10000	0.065 J (0.11)	0.036 J (0.12)	0.3 (0.12)	0.074 J (0.11)	0.28 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.091 J (0.11)
Pyrene	96000	2200	0.083 J (0.11)	0.069 J (0.12)	0.63 (0.12)	0.086 J (0.11)	0.24 (0.11)	0.021 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.081 J (0.11)
Metals															
Lead	1000	450	161 (2.27)	30.1 (2.26)	206 (2.43)	72.9 (4.35)	203 (10.6)	252 (2.31)	7.13 (2.43)	6.84 (2.24)	42.8 (2.39)	5.83 (2.33)	8.19 (2.44)	8.02 J (11)	665 (2.15)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	302-AQ02-C2	302-AQ02-C3	302-AQ02-C4	302-AQ02-C5	302-AR02-C1	302-AR02-C2	302-AR02-C3	302-AR02-C4	302-AS03-C1	302-AS03-C2	302-AS03-C3	302-AV01-C1	302-AV01-C2
			302-AQ02	302-AQ02	302-AQ02	302-AQ02	302-AR02	302-AR02	302-AR02	302-AR02	302-AR02	302-AS03	302-AS03	302-AS03	302-AV01
Field Sample ID	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)	302-AQ02-C2-COMP	302-AQ02-C3-COMP	302-AQ02-C4-COMP	302-AQ02-C5-COMP	302-AR02-C1-COMP	302-AR02-C2-COMP	302-AR02-C3-COMP	302-AR02-C4-COMP	302-AS03-C1-COMP	302-AS03-C2-COMP	302-AS03-C3-COMP	302-AV01-C1-COMP	302-AV01-C2-COMP
Sample Date			6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022
PAHs															
Anthracene	190000	350	0.14 (0.12)	0.17 (0.11)	0.17 (0.12)	0.11 J (0.13)	0.4 (0.11)	0.14 (0.12)	U (0.12)	U (0.12)	U (0.11)	0.13 (0.11)	U (0.12)	0.1 J (0.12)	1.2 (0.12)
Benzo(a)anthracene	130	340	0.039 J (0.12)	0.096 J (0.11)	0.11 J (0.12)	0.039 J (0.13)	0.79 (0.11)	0.13 (0.12)	U (0.12)	U (0.12)	U (0.11)	0.048 J (0.11)	U (0.12)	0.21 (0.12)	3.2 (0.12)
Benzo(a)pyrene	91	46	U (0.15)	0.089 J (0.14)	0.068 J (0.16)	U (0.18)	0.74 (0.15)	0.11 J (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	0.25 (0.16)	3.2 (0.17)
Benzo(b)fluoranthene	76	170	U (0.12)	0.11 (0.11)	0.071 J (0.12)	U (0.13)	0.84 (0.11)	0.07 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	0.36 (0.12)	3.6 (0.12)
Benzo(g,h,i)perylene	190000	180	0.031 J (0.15)	0.06 J (0.14)	0.069 J (0.16)	U (0.18)	0.28 (0.15)	0.096 J (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	0.27 (0.16)	1.7 (0.17)
Chrysene	760	230	0.063 J (0.12)	0.1 J (0.11)	0.17 (0.12)	0.05 J (0.13)	0.72 (0.11)	0.14 (0.12)	U (0.12)	U (0.12)	U (0.11)	0.054 J (0.11)	U (0.12)	0.25 (0.12)	2.9 (0.12)
Fluorene	130000	3800	0.72 (0.19)	1.2 (0.18)	0.53 (0.2)	0.31 (0.22)	0.099 J (0.19)	0.15 J (0.2)	U (0.19)	U (0.2)	U (0.19)	0.15 J (0.19)	U (0.19)	0.031 J (0.2)	0.34 (0.21)
Naphthalene	66	25	1.4 (0.19)	2.9 (0.18)	1.1 (0.2)	0.14 J (0.22)	0.064 J (0.19)	0.17 J (0.2)	U (0.19)	U (0.2)	U (0.19)	0.048 J (0.19)	0.048 J (0.19)	0.47 (0.2)	1.1 (0.21)
Phenanthrene	190000	10000	1 (0.12)	1.4 (0.11)	0.59 (0.12)	0.53 (0.13)	1 (0.11)	0.43 (0.12)	U (0.12)	U (0.12)	U (0.11)	0.26 (0.11)	0.073 J (0.12)	0.17 (0.12)	4 (0.12)
Pyrene	96000	2200	0.16 (0.12)	0.18 (0.11)	0.3 (0.12)	0.17 (0.13)	0.76 (0.11)	0.31 (0.12)	U (0.12)	U (0.12)	U (0.11)	0.064 J (0.11)	0.037 J (0.12)	0.25 (0.12)	4.8 (0.12)
Metals															
Lead	1000	450	600 (2.29)	88.4 (4.27)	578 (2.38)	723 (2.67)	298 (4.58)	160 (2.32)	18.2 (4.48)	12.1 (4.75)	159 (2.28)	10.5 (2.17)	1420 (2.29)	291 (2.34)	164 (4.74)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AV01-C3	302-AV03-C1	302-AV03-C2	302-AV03-C3	302-AV03-C4	302-AW01-C1	302-AW01-C2	302-AW01-C3	302-AW03-C1	302-AW03-C2	302-AW03-C3	302-AW03-C4	302-AW03-C5
			302-AV01	302-AV03	302-AV03	302-AV03	302-AV03	302-AV03	302-AW01	302-AW01	302-AW01	302-AW03	302-AW03	302-AW03	302-AW03
Field Sample ID	Value (0-2 ft bgs)	Value	302-AV01-C3-COMP	302-AV03-C1-COMP	302-AV03-C2-COMP	302-AV03-C3-COMP	302-AV03-C4-COMP	302-AW01-C1-COMP	302-AW01-C2-COMP	302-AW01-C3-COMP	302-AW03-C1-COMP	302-AW03-C2-COMP	302-AW03-C3-COMP	302-AW03-C4-COMP	302-AW03-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	6/15/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/15/2022	6/15/2022	6/15/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022
PAHs															
Anthracene	190000	350	0.93 J (1.5)	U (0.12)	U (0.12)	U (0.6)	U (0.12)	0.11 J (0.12)	0.64 (0.16)	1.7 (0.14)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	3.7 (1.5)	U (0.12)	U (0.12)	U (0.6)	0.023 J (0.12)	0.52 (0.12)	2.6 (0.16)	5.5 (0.14)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	3.7 (2)	U (0.16)	U (0.16)	U (0.8)	U (0.15)	0.52 (0.16)	2.9 (0.22)	4.8 (0.19)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	3.9 (1.5)	U (0.12)	U (0.12)	U (0.6)	U (0.12)	0.67 (0.12)	3.1 (0.16)	5.4 (0.14)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	2.3 (2)	U (0.16)	U (0.16)	U (0.8)	U (0.15)	0.29 (0.16)	1.4 (0.22)	2.4 (0.19)	U (0.16)	U (0.15)	0.024 J (0.15)	U (0.15)	U (0.16)
Chrysene	760	230	3.8 (1.5)	U (0.12)	U (0.12)	U (0.6)	0.16 (0.12)	0.62 (0.12)	2.6 (0.16)	4.6 (0.14)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Fluorene	130000	3800	0.52 J (2.4)	U (0.2)	U (0.2)	U (1)	U (0.19)	0.061 J (0.2)	0.56 (0.28)	1.5 (0.23)	U (0.2)	U (0.19)	U (0.19)	U (0.19)	U (0.2)
Naphthalene	66	25	1.7 J (2.4)	U (0.2)	U (0.2)	U (1)	U (0.19)	0.17 J (0.2)	4.9 (0.28)	12 (1.2)	U (0.2)	0.032 J (0.19)	0.036 J (0.19)	U (0.19)	U (0.2)
Phenanthrene	190000	10000	1.7 (1.5)	U (0.12)	U (0.12)	0.54 J (0.6)	0.07 J (0.12)	0.32 (0.12)	2.1 (0.16)	4.7 (0.14)	0.026 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Pyrene	96000	2200	4.8 (1.5)	U (0.12)	U (0.12)	0.59 J (0.6)	0.055 J (0.12)	0.69 (0.12)	4 (0.16)	9.1 (0.14)	0.023 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	590 (2.89)	11.7 J (11.8)	6.34 (4.76)	10.8 J (11.7)	254 (11.5)	44.7 (2.34)	116 (3.2)	176 (5.36)	298 (2.26)	10.6 (2.21)	24.4 (4.31)	5.98 (2.27)	57.8 (2.36)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	302-AX01-C1	302-AX01-C2	302-AX01-C3	302-AX01-C4	302-AX04-C1	302-AX04-C2	302-AX04-C3	302-AX04-C4	302-AX04-C5	302-AX05-C1	302-AX05-C2	302-AX05-C3	302-AX05-C4
	Direct Contact	Groundwater	302-AX01	302-AX01	302-AX01	302-AX01	302-AX04	302-AX04	302-AX04	302-AX04	302-AX04	302-AX05	302-AX05	302-AX05	302-AX05
Field Sample ID	Value (0-2 ft bgs)	Value	302-AX01-C1-COMP	302-AX01-C2-COMP	302-AX01-C3-COMP	302-AX01-C4-COMP	302-AX04-C1-COMP	302-AX04-C2-COMP	302-AX04-C3-COMP	302-AX04-C4-COMP	302-AX04-C5-COMP	302-AX05-C1-COMP	302-AX05-C2-COMP	302-AX05-C3-COMP	302-AX05-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022
PAHs															
Anthracene	190000	350	0.25 (0.14)	0.39 (0.16)	0.42 (0.15)	0.37 (0.18)	U (0.12)	0.16 (0.12)	U (0.12)	U (0.12)	0.056 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.63 (0.14)	0.36 (0.16)	0.56 (0.15)	0.93 (0.18)	U (0.12)	0.15 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.86 (0.18)	0.54 (0.21)	0.76 (0.2)	0.99 (0.24)	U (0.16)	0.22 (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.97 (0.14)	0.53 (0.16)	0.81 (0.15)	1 (0.18)	U (0.12)	0.24 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.46 (0.18)	0.38 (0.21)	0.51 (0.2)	0.45 (0.24)	U (0.16)	0.14 J (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)
Chrysene	760	230	0.66 (0.14)	0.42 (0.16)	0.61 (0.15)	0.96 (0.18)	U (0.12)	0.15 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Fluorene	130000	3800	0.16 J (0.23)	0.35 (0.26)	0.32 (0.26)	0.54 (0.29)	U (0.2)	0.67 (0.2)	U (0.2)	0.046 J (0.2)	0.42 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	3.6 (0.23)	6.4 (0.26)	6.4 (0.26)	2.2 (0.29)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.029 J (0.2)	0.076 J (0.2)	U (0.2)	U (0.2)	U (0.2)
Phenanthrene	190000	10000	0.87 (0.14)	1.1 (0.16)	1.2 (0.15)	1.2 (0.18)	U (0.12)	1.3 (0.12)	U (0.12)	0.081 J (0.12)	0.81 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	0.63 (0.14)	0.51 (0.16)	0.77 (0.15)	1.5 (0.18)	U (0.12)	0.32 (0.12)	U (0.12)	U (0.12)	0.064 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Metals															
Lead	1000	450	117 (2.69)	277 (14.9)	257 (14.6)	250 (16.8)	5.82 (2.39)	7.97 (2.48)	6.04 (4.6)	4.54 (2.43)	9.11 (4.83)	9.11 (2.4)	7.29 (2.45)	17.8 (2.39)	19.7 (4.72)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AY06-C1	302-AY06-C2	302-AY06-C3	302-AY06-C4	302-AZ05-C1	302-AZ05-C2	302-AZ05-C3	302-AZ05-C4	302-BA05-C1	302-BA05-C2	302-BA05-C3	302-BA05-C4	302-BB06-C1
Field Sample ID	Value (0-2 ft bgs)	Value	302-AY06-C1-COMP	302-AY06-C2-COMP	302-AY06-C3-COMP	302-AY06-C4-COMP	302-AZ05-C1-COMP	302-AZ05-C2-COMP	302-AZ05-C3-COMP	302-AZ05-C4-COMP	302-BA05-C1-COMP	302-BA05-C2-COMP	302-BA05-C3-COMP	302-BA05-C4-COMP	302-BB06-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/9/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.49 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)
Benzo(a)anthracene	130	340	0.028 J (0.12)	U (0.12)	U (0.13)	U (0.12)	0.12 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.17)	U (0.16)	0.2 (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.19)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.13)	U (0.12)	0.19 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.17)	U (0.16)	0.18 (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.19)
Chrysene	760	230	0.024 J (0.12)	U (0.12)	U (0.13)	U (0.12)	0.14 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.14)
Fluorene	130000	3800	U (0.2)	0.023 J (0.2)	0.029 J (0.21)	U (0.2)	U (0.19)	U (0.19)	U (0.2)	2.1 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.23)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.21)	U (0.2)	0.04 J (0.19)	U (0.19)	U (0.2)	4.6 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.23)
Phenanthrene	190000	10000	0.043 J (0.12)	0.057 J (0.12)	0.08 J (0.13)	U (0.12)	0.15 (0.12)	U (0.12)	U (0.12)	4.1 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.039 J (0.14)
Pyrene	96000	2200	0.042 J (0.12)	U (0.12)	U (0.13)	U (0.12)	0.23 (0.12)	U (0.12)	U (0.12)	0.14 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.029 J (0.14)
Metals															
Lead	1000	450	42.4 (11.6)	6.55 (2.39)	5.13 (2.42)	5.36 (2.29)	328 (2.28)	7.97 (2.26)	6.12 (2.31)	7.02 (2.41)	81 (2.35)	6.27 (2.33)	7.1 (2.44)	5.23 (2.46)	42.1 (2.76)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-BB06-C2 302-BB06 302-BB06-C2-COMP 6/9/2022	302-BB06-C3 302-BB06 302-BB06-C3-COMP 6/9/2022	302-BB06-C4 302-BB06 302-BB06-C4-COMP 6/9/2022	302-BC05-C1 302-BC05 302-BC05-C1-COMP 6/9/2022	302-BC05-C2 302-BC05 302-BC05-C2-COMP 6/9/2022	302-BC05-C3 302-BC05 302-BC05-C3-COMP 6/9/2022	302-BC05-C4 302-BC05 302-BC05-C4-COMP 6/9/2022	302-BC05-C5 302-BC05 302-BC05-C5-COMP 6/9/2022	302-BD05-C1 302-BD05 302-BD05-C1-COMP 6/9/2022	302-BD05-C2 302-BD05 302-BD05-C2-COMP 6/9/2022	302-BD05-C3 302-BD05 302-BD05-C3-COMP 6/9/2022	302-BD05-C4 302-BD05 302-BD05-C4-COMP 6/9/2022	302-BE04-C1 302-BE04 302-BE04-C1-COMP 6/9/2022
Field Sample ID	Value (0-2 ft bgs)	Value													
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.065 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.09 J (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.74)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	0.081 J (0.16)	U (0.16)	U (0.16)	U (0.16)	0.13 J (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.087 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.12 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.74)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	0.058 J (0.16)	U (0.16)	U (0.16)	U (0.16)	0.14 J (0.16)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.063 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.096 J (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.92)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.92)	U (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.036 J (0.19)	U (0.2)	0.087 J (0.2)	0.029 J (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.11 J (0.12)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.56)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.068 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.13 (0.12)
Metals															
Lead	1000	450	4.59 (2.34)	6.88 (2.44)	5.98 (2.4)	564 (2.17)	6.23 (2.24)	6.81 (2.32)	5.69 (2.28)	6.44 (2.35)	34.2 (2.32)	7.17 (2.27)	6.48 (2.36)	5.93 (2.28)	623 (4.54)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-AY01-C1 303-AY01	303-AY01-C2 303-AY01	303-AY01-C3 303-AY01	303-AZ01-C1 303-AZ01	303-AZ01-C2 303-AZ01	303-AZ01-C3 303-AZ01	303-BA01-C1 303-BA01	303-BA01-C2 303-BA01	303-BA02-C1 303-BA02	303-BB01-C1 303-BB01	303-BB02-C1 303-BB02	303-BB02-C2 303-BB02	303-BB02-C3 303-BB02	
Field Sample ID	Value (0-2 ft bgs)	Value	303-AY01-C1-COMP	303-AY01-C2-COMP	303-AY01-C3-COMP	303-AZ01-C1-COMP	303-AZ01-C2-COMP	303-AZ01-C3-COMP	303-BA01-C1-COMP	303-BA01-C2-COMP	303-BA02-C1-COMP	303-BB01-C1-COMP	303-BB02-C1-COMP	303-BB02-C2-COMP	303-BB02-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	6/22/2022	6/22/2022	6/22/2022	6/21/2022	6/21/2022	6/21/2022	6/22/2022	6/22/2022	6/21/2022	6/23/2022	6/22/2022	6/22/2022	6/22/2022	
PAHs																
Anthracene	190000	350	0.5 (0.16)	0.96 (0.19)	0.96 (0.16)	0.51 (0.17)	0.56 (0.13)	0.043 J (0.12)	0.13 (0.11)	0.67 (0.15)	1.6 (0.15)	0.23 J (0.36)	0.21 (0.12)	2.3 (0.13)	1.1 (0.13)	
Benzo(a)anthracene	130	340	0.94 (0.16)	1.7 (0.19)	1.7 (0.16)	0.74 (0.17)	0.9 (0.13)	0.13 (0.12)	0.38 (0.11)	1.8 (0.15)	1.2 (0.15)	0.61 (0.36)	0.61 (0.12)	3.1 (0.13)	2.6 (0.13)	
Benzo(a)pyrene	91	46	1.5 (0.21)	2.2 (0.25)	3 (0.22)	0.69 (0.23)	1.1 (0.17)	0.13 J (0.16)	0.47 (0.15)	2.9 (0.2)	1.4 (0.2)	0.93 (0.48)	0.58 (0.16)	4 (0.17)	1.9 (0.17)	
Benzo(b)fluoranthene	76	170	1.4 (0.16)	2.7 (0.19)	3 (0.16)	0.66 (0.17)	1.1 (0.13)	0.16 (0.12)	0.53 (0.11)	3 (0.15)	1.8 (0.15)	0.9 (0.36)	0.71 (0.12)	3.6 (0.13)	2.1 (0.13)	
Benzo(g,h,i)perylene	190000	180	1.1 (0.21)	1.1 (0.25)	0.84 (0.22)	0.29 (0.23)	0.66 (0.17)	0.068 J (0.16)	0.52 (0.15)	1.8 (0.2)	1 (0.2)	0.6 (0.48)	0.42 (0.16)	1.1 (0.17)	1.3 (0.17)	
Chrysene	760	230	0.99 (0.16)	2 (0.19)	2 (0.16)	0.76 (0.17)	1.1 (0.13)	0.12 (0.12)	0.36 (0.11)	2.1 (0.15)	1.5 (0.15)	0.66 (0.36)	0.58 (0.12)	2.9 (0.13)	2.3 (0.13)	
Fluorene	130000	3800	0.34 (0.27)	1.4 (0.31)	0.74 (0.28)	0.33 (0.29)	0.48 (0.22)	U (0.2)	0.033 J (0.19)	0.42 (0.25)	1.6 (0.26)	0.07 J (0.6)	0.097 J (0.2)	2.4 (0.22)	0.92 (0.21)	
Naphthalene	66	25	5.6 (0.27)	7.4 (0.31)	8.4 (0.28)	1.5 (0.29)	4.8 (0.22)	0.12 J (0.2)	0.61 (0.19)	6.7 (0.25)	13 (1.3)	0.68 (0.6)	0.75 (0.2)	11 (2.2)	7.7 (0.21)	
Phenanthrene	190000	10000	1.2 (0.16)	4.4 (0.19)	2.5 (0.16)	1.6 (0.17)	2 (0.13)	0.18 (0.12)	0.34 (0.11)	1.6 (0.15)	5.5 (0.15)	0.47 (0.36)	0.72 (0.12)	10 (1.3)	4.8 (0.13)	
Pyrene	96000	2200	1.2 (0.16)	3.4 (0.19)	3 (0.16)	1.6 (0.17)	1.9 (0.13)	0.2 (0.12)	0.39 (0.11)	2.3 (0.15)	2.3 (0.15)	0.79 (0.36)	0.81 (0.12)	4.6 (0.13)	3.9 (0.13)	
Metals																
Lead	1000	450	23.6 (3.25)	170 (3.6)	176 (3.24)	44.8 (3.33)	62.6 (2.51)	60.8 (2.47)	260 (2.23)	479 (3.04)	131 (2.99)	107 (2.28)	128 (2.28)	152 (5.14)	99.2 (2.52)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BC01-C1 303-BC01	303-BC01-C2 303-BC01	303-BD01-C1 303-BD01	303-BD01-C2 303-BD01	303-BD04-C1 303-BD04	303-BD04-C2 303-BD04	303-BE01-C1 303-BE01	303-BE01-C2 303-BE01	303-BE03-C1 303-BE03	303-BE03-C2 303-BE03	303-BF01-C1 303-BF01	303-BF01-C2 303-BF01	303-BF05-C1 303-BF05
Field Sample ID	Value (0-2 ft bgs)	Value	303-BC01-C1-COMP	303-BC01-C2-COMP	303-BD01-C1-COMP	303-BD01-C2-COMP	303-BD04-C1-COMP	303-BD04-C2-COMP	303-BE01-C1-COMP	303-BE01-C2-COMP	303-BE03-C1-COMP	303-BE03-C2-COMP	303-BF01-C1-COMP	303-BF01-C2-COMP	303-BF05-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/22/2022	6/22/2022	6/17/2022	6/17/2022	6/20/2022	6/20/2022	6/24/2022	6/24/2022	6/20/2022	6/20/2022	6/24/2022	6/24/2022	6/20/2022
PAHs															
Anthracene	190000	350	2.5 (0.12)	0.43 (0.12)	0.66 (0.13)	7.9 (0.15)	U (0.55)	U (0.12)	0.32 (0.12)	0.55 (0.1)	0.67 (0.57)	U (0.12)	0.15 (0.12)	0.35 (0.13)	U (0.12)
Benzo(a)anthracene	130	340	3.5 (0.12)	0.65 (0.12)	1.3 (0.13)	14 (1.5)	0.27 J (0.55)	0.06 J (0.12)	1.2 (0.12)	1.9 (0.1)	1.7 (0.57)	0.067 J (0.12)	0.1 J (0.12)	0.69 (0.13)	0.091 J (0.12)
Benzo(a)pyrene	91	46	2.4 (0.16)	0.75 (0.17)	1.5 (0.17)	14 (2.1)	U (0.73)	0.059 J (0.15)	1.6 (0.16)	2.2 (0.14)	2.6 (0.76)	0.067 J (0.17)	0.084 J (0.16)	0.62 (0.17)	0.14 J (0.16)
Benzo(b)fluoranthene	76	170	2.7 (0.12)	0.82 (0.12)	1.6 (0.13)	14 (1.5)	0.27 J (0.55)	0.07 J (0.12)	1.5 (0.12)	2.5 (0.1)	2.9 (0.57)	0.084 J (0.12)	0.093 J (0.12)	0.69 (0.13)	0.16 (0.12)
Benzo(g,h,i)perylene	190000	180	1.6 (0.16)	0.45 (0.17)	0.73 (0.17)	4.7 (0.21)	0.2 J (0.73)	0.034 J (0.15)	0.77 (0.16)	1.2 (0.14)	1.1 (0.76)	0.034 J (0.17)	0.055 J (0.16)	0.29 (0.17)	0.1 J (0.16)
Chrysene	760	230	3.1 (0.12)	0.67 (0.12)	1.3 (0.13)	13 (1.5)	0.26 J (0.55)	0.052 J (0.12)	1.2 (0.12)	1.9 (0.1)	1.6 (0.57)	0.058 J (0.12)	0.29 (0.12)	0.67 (0.13)	0.092 J (0.12)
Fluorene	130000	3800	1.7 (0.21)	0.4 (0.21)	0.67 (0.21)	3.7 (0.26)	U (0.91)	U (0.19)	0.29 (0.19)	0.31 (0.18)	0.33 J (0.95)	U (0.21)	1.1 (0.2)	0.35 (0.21)	U (0.2)
Naphthalene	66	25	11 (2.1)	2.8 (0.21)	2.8 (0.21)	4.3 (0.26)	U (0.91)	U (0.19)	0.51 (0.19)	0.84 (0.18)	7.1 (0.95)	U (0.21)	0.086 J (0.2)	0.1 J (0.21)	0.05 J (0.2)
Phenanthrene	190000	10000	12 (1.2)	1.2 (0.12)	1.8 (0.13)	32 (1.5)	0.23 J (0.55)	0.054 J (0.12)	1.1 (0.12)	1.6 (0.1)	2.2 (0.57)	0.068 J (0.12)	2.2 (0.12)	1.5 (0.13)	0.036 J (0.12)
Pyrene	96000	2200	6.2 (0.12)	1.3 (0.12)	1.4 (0.13)	28 (1.5)	0.38 J (0.55)	0.072 J (0.12)	1.6 (0.12)	2.9 (0.1)	1.6 (0.57)	0.1 J (0.12)	0.21 (0.12)	1.1 (0.13)	0.1 J (0.12)
Metals															
Lead	1000	450	170 (2.42)	141 (2.55)	152 (2.56)	306 (2.93)	122 (2.15)	51.6 (2.26)	163 (11.4)	41.4 (2.06)	16.4 (2.23)	8.05 (2.4)	241 (4.7)	64.8 (2.52)	150 (2.46)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BF05-C2 303-BF05	303-BF05-C3 303-BF05	303-BF05-C4 303-BF05	303-BG01-C1 303-BG01	303-BG04-C1 303-BG04	303-BG04-C2 303-BG04	303-BG04-C3 303-BG04	303-BG04-C4 303-BG04	303-BH01-C1 303-BH01	303-BH02-C1 303-BH02	303-BH02-C2 303-BH02	303-BH02-C3 303-BH02	303-BH02-C4 303-BH02
Field Sample ID	Value (0-2 ft bgs)	Value	303-BF05-C2-COMP	303-BF05-C3-COMP	303-BF05-C4-COMP	303-BG01-C1-COMP	303-BG04-C1-COMP	303-BG04-C2-COMP	303-BG04-C3-COMP	303-BG04-C4-COMP	303-BH01-C1-COMP	303-BH02-C1-COMP	303-BH02-C2-COMP	303-BH02-C3-COMP	303-BH02-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	6/20/2022	6/20/2022	6/20/2022	6/24/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022
PAHs															
Anthracene	190000	350	0.2 (0.15)	0.068 J (0.11)	0.13 (0.11)	1.2 (0.16)	U (0.11)	0.14 (0.11)	0.24 (0.15)	0.13 (0.11)	0.16 (0.14)	0.22 (0.12)	U (0.12)	0.11 J (0.15)	0.058 J (0.12)
Benzo(a)anthracene	130	340	0.53 (0.15)	0.16 (0.11)	0.38 (0.11)	5.1 (0.16)	0.07 J (0.11)	0.56 (0.11)	0.76 (0.15)	0.34 (0.11)	0.61 (0.14)	0.38 (0.12)	0.11 J (0.12)	0.28 (0.15)	0.2 (0.12)
Benzo(a)pyrene	91	46	0.66 (0.2)	0.16 (0.15)	0.52 (0.14)	6.6 (0.22)	0.099 J (0.15)	0.78 (0.15)	0.77 (0.2)	0.34 (0.15)	0.71 (0.18)	0.4 (0.16)	0.12 J (0.16)	0.41 (0.19)	0.18 (0.16)
Benzo(b)fluoranthene	76	170	0.72 (0.15)	0.18 (0.11)	0.52 (0.11)	6.7 (0.16)	0.1 J (0.11)	0.83 (0.11)	0.88 (0.15)	0.41 (0.11)	0.77 (0.14)	0.42 (0.12)	0.14 (0.12)	0.39 (0.15)	0.18 (0.12)
Benzo(g,h,i)perylene	190000	180	0.42 (0.2)	0.11 J (0.15)	0.3 (0.14)	3.1 (0.22)	0.052 J (0.15)	0.49 (0.15)	0.48 (0.2)	0.17 (0.15)	0.41 (0.18)	0.18 (0.16)	0.07 J (0.16)	0.15 J (0.19)	0.16 (0.16)
Chrysene	760	230	0.53 (0.15)	0.16 (0.11)	0.39 (0.11)	4.6 (0.16)	0.091 J (0.11)	0.95 (0.11)	0.78 (0.15)	0.33 (0.11)	0.62 (0.14)	0.34 (0.12)	0.1 J (0.12)	0.27 (0.15)	0.17 (0.12)
Fluorene	130000	3800	0.084 J (0.25)	0.044 J (0.19)	0.079 J (0.18)	0.56 (0.27)	U (0.18)	0.06 J (0.18)	0.17 J (0.25)	0.1 J (0.19)	0.04 J (0.23)	0.12 J (0.2)	U (0.2)	0.085 J (0.24)	0.028 J (0.2)
Naphthalene	66	25	0.64 (0.25)	1 (0.19)	1.1 (0.18)	3.2 (0.27)	0.038 J (0.18)	0.39 (0.18)	3.2 (0.25)	1.8 (0.19)	0.16 J (0.23)	0.26 (0.2)	0.054 J (0.2)	1.7 (0.24)	0.17 J (0.2)
Phenanthrene	190000	10000	0.52 (0.15)	0.26 (0.11)	0.35 (0.11)	2.8 (0.16)	0.099 J (0.11)	0.41 (0.11)	0.95 (0.15)	0.5 (0.11)	0.51 (0.14)	0.74 (0.12)	0.066 J (0.12)	0.54 (0.15)	0.19 (0.12)
Pyrene	96000	2200	0.62 (0.15)	0.24 (0.11)	0.39 (0.11)	5 (0.16)	0.12 (0.11)	0.73 (0.11)	1.1 (0.15)	0.44 (0.11)	1 (0.14)	0.58 (0.12)	0.14 (0.12)	0.38 (0.15)	0.31 (0.12)
Metals															
Lead	1000	450	462 (3.06)	123 (2.27)	89.1 (2.12)	103 (3.15)	75.4 (2.1)	4.74 (4.34)	66.8 (2.93)	13.8 (2.24)	305 (2.62)	10.3 (2.44)	111 (2.26)	62.5 (2.97)	14.2 (2.32)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BH02-C5 303-BH02	303-BI01-C1 303-BI01	303-BI01-C2 303-BI01	303-BI03-C1 303-BI03	303-BI03-C2 303-BI03	303-BI03-C3 303-BI03	303-BI03-C4 303-BI03	303-BJ01-C1 303-BJ01	303-BJ01-C2 303-BJ01	303-BJ02-C1 303-BJ02	303-BJ02-C2 303-BJ02	303-BJ02-C3 303-BJ02	303-BK01-C1 303-BK01
Field Sample ID	Value (0-2 ft bgs)	Value	303-BH02-C5-COMP	303-BI01-C1-COMP	303-BI01-C2-COMP	303-BI03-C1-COMP	303-BI03-C2-COMP	303-BI03-C3-COMP	303-BI03-C4-COMP	303-BJ01-C1-COMP	303-BJ01-C2-COMP	303-BJ02-C1-COMP	303-BJ02-C2-COMP	303-BJ02-C3-COMP	303-BK01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/17/2022	6/23/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/23/2022	6/23/2022	6/17/2022	6/17/2022	6/17/2022	6/23/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.25 (0.14)	0.36 (0.12)	2 (0.15)	4.6 (0.16)	0.54 (0.15)	18 (0.69)	U (0.46)	U (0.12)	0.05 J (0.13)	0.87 (0.14)	0.87 (0.13)	0.81 (0.61)
Benzo(a)anthracene	130	340	0.11 J (0.12)	1 (0.14)	1.1 (0.12)	3.6 (0.15)	7.7 (0.16)	0.88 (0.15)	41 (0.69)	0.34 J (0.46)	0.11 J (0.12)	0.12 J (0.13)	0.54 (0.14)	1.6 (0.13)	0.66 (0.61)
Benzo(a)pyrene	91	46	0.13 J (0.16)	1.3 (0.18)	1.3 (0.16)	3.2 (0.2)	6 (0.21)	1.2 (0.2)	41 (0.92)	0.57 J (0.61)	0.079 J (0.15)	0.11 J (0.17)	0.49 (0.19)	1.6 (0.17)	0.67 J (0.82)
Benzo(b)fluoranthene	76	170	0.16 (0.12)	1.4 (0.14)	1.3 (0.12)	3.9 (0.15)	7.2 (0.16)	1.2 (0.15)	38 (6.9)	0.72 (0.46)	0.12 (0.12)	0.13 (0.13)	0.69 (0.14)	1.6 (0.13)	0.84 (0.61)
Benzo(g,h,i)perylene	190000	180	0.096 J (0.16)	0.68 (0.18)	0.58 (0.16)	1.7 (0.2)	3.6 (0.21)	0.84 (0.2)	18 (0.92)	0.35 J (0.61)	0.048 J (0.15)	0.07 J (0.17)	0.33 (0.19)	1 (0.17)	0.43 J (0.82)
Chrysene	760	230	0.1 J (0.12)	0.98 (0.14)	0.98 (0.12)	3.4 (0.15)	7.2 (0.16)	0.91 (0.15)	37 (0.69)	0.51 (0.46)	0.099 J (0.12)	0.11 J (0.13)	0.6 (0.14)	1.7 (0.13)	0.66 (0.61)
Fluorene	130000	3800	U (0.2)	0.076 J (0.23)	0.14 J (0.2)	1.3 (0.25)	2.6 (0.26)	0.49 (0.26)	8.1 (1.2)	U (0.77)	U (0.19)	0.021 J (0.21)	0.96 (0.24)	1.2 (0.22)	2.9 (1)
Naphthalene	66	25	0.092 J (0.2)	0.7 (0.23)	0.48 (0.2)	1.1 (0.25)	3.2 (0.26)	4.7 (0.26)	13 (1.2)	0.3 J (0.77)	U (0.19)	U (0.21)	1.1 (0.24)	4 (0.22)	0.6 J (1)
Phenanthrene	190000	10000	0.061 J (0.12)	0.63 (0.14)	0.97 (0.12)	8.4 (0.15)	19 (0.79)	1.7 (0.15)	42 (6.9)	0.26 J (0.46)	0.11 J (0.12)	0.15 (0.13)	2.7 (0.14)	4.5 (0.13)	6.8 (0.61)
Pyrene	96000	2200	0.14 (0.12)	1.2 (0.14)	1.5 (0.12)	6.5 (0.15)	16 (0.79)	1.6 (0.15)	44 (6.9)	0.82 (0.46)	0.15 (0.12)	0.17 (0.13)	0.82 (0.14)	3.2 (0.13)	1.2 (0.61)
Metals															
Lead	1000	450	442 (2.31)	140 (2.74)	152 (2.31)	74.5 (2.91)	159 (3.12)	106 (3)	133 (2.64)	44.7 (3.06)	36.6 (4.5)	50.3 (2.55)	439 (2.88)	59.9 (2.66)	11.9 (2.48)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BK03-C1 303-BK03 303-BK03-C1-COMP 6/17/2022	303-BK03-C2 303-BK03 303-BK03-C2-COMP 6/17/2022	303-BK03-C3 303-BK03 303-BK03-C3-COMP 6/17/2022	303-BL02-C1 303-BL02 303-BL02-C1-COMP 6/16/2022	303-BL02-C2 303-BL02 303-BL02-C2-COMP 6/16/2022	303-BL02-C3 303-BL02 303-BL02-C3-COMP 6/16/2022	303-BM02-C1 303-BM02 303-BM02-C1-COMP 6/16/2022	303-BM02-C2 303-BM02 303-BM02-C2-COMP 6/16/2022	303-BM02-C3 303-BM02 303-BM02-C3-COMP 6/16/2022	303-BN02-C1 303-BN02 303-BN02-C1-COMP 6/16/2022	303-BN02-C2 303-BN02 303-BN02-C2-COMP 6/16/2022	303-BN02-C3 303-BN02 303-BN02-C3-COMP 6/16/2022	303-BN03-C1 303-BN03 303-BN03-C1-COMP 6/20/2022
Field Sample ID	Value (0-2 ft bgs)	Value													
Sample Date	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	0.4 (0.11)	1.8 (0.11)	0.17 (0.13)	0.037 J (0.11)	0.054 J (0.14)	2.6 (0.14)	0.38 (0.11)	U (0.12)	0.78 (0.46)	0.38 (0.1)	0.13 (0.11)	0.096 J (0.11)	0.83 (0.59)
Benzo(a)anthracene	130	340	1.8 (0.11)	3.3 (0.11)	0.49 (0.13)	0.049 J (0.11)	0.18 (0.14)	4.4 (0.14)	1.5 (0.11)	0.087 J (0.12)	0.98 (0.46)	0.59 (0.1)	0.61 (0.11)	0.15 (0.11)	2.1 (0.59)
Benzo(a)pyrene	91	46	1.4 (0.14)	3.7 (0.15)	0.55 (0.17)	0.047 J (0.15)	0.22 (0.19)	4 (0.18)	1.4 (0.15)	0.076 J (0.15)	1.2 (0.62)	0.42 (0.14)	0.56 (0.15)	0.12 J (0.15)	2 (0.78)
Benzo(b)fluoranthene	76	170	1.6 (0.11)	4.1 (0.11)	0.58 (0.13)	0.038 J (0.11)	0.22 (0.14)	4.2 (0.14)	1.7 (0.11)	0.084 J (0.12)	1 (0.46)	0.54 (0.1)	0.62 (0.11)	0.14 (0.11)	2.3 (0.59)
Benzo(g,h,i)perylene	190000	180	0.57 (0.14)	1.3 (0.15)	0.26 (0.17)	0.035 J (0.15)	0.13 J (0.19)	1.9 (0.18)	0.93 (0.15)	0.051 J (0.15)	1.1 (0.62)	0.34 (0.14)	0.26 (0.15)	0.062 J (0.15)	1.4 (0.78)
Chrysene	760	230	1.5 (0.11)	3 (0.11)	0.45 (0.13)	0.068 J (0.11)	0.18 (0.14)	4.2 (0.14)	1.5 (0.11)	0.077 J (0.12)	1.5 (0.46)	0.52 (0.1)	0.54 (0.11)	0.15 (0.11)	2 (0.59)
Fluorene	130000	3800	0.093 J (0.18)	0.78 (0.18)	0.096 J (0.21)	0.084 J (0.19)	0.046 J (0.24)	2.7 (0.23)	0.19 (0.19)	U (0.19)	1.4 (0.78)	0.22 (0.18)	0.026 J (0.19)	0.073 J (0.19)	0.33 J (0.98)
Naphthalene	66	25	0.15 J (0.18)	0.16 J (0.18)	0.31 (0.21)	0.033 J (0.19)	0.26 (0.24)	2.1 (0.23)	0.21 (0.19)	0.038 J (0.19)	1.2 (0.78)	0.29 (0.18)	0.29 (0.19)	0.082 J (0.19)	1.3 (0.98)
Phenanthrene	190000	10000	1.2 (0.11)	5.6 (0.11)	0.63 (0.13)	0.22 (0.11)	0.17 (0.14)	8.9 (0.14)	1 (0.11)	0.084 J (0.12)	3.3 (0.46)	1.6 (0.1)	0.14 (0.11)	0.32 (0.11)	3 (0.59)
Pyrene	96000	2200	2 (0.11)	5.5 (0.11)	0.72 (0.13)	0.082 J (0.11)	0.2 (0.14)	5.8 (0.14)	2.4 (0.11)	0.13 (0.12)	3.1 (0.46)	1.1 (0.1)	0.62 (0.11)	0.23 (0.11)	3.2 (0.59)
Metals															
Lead	1000	450	19.5 (2.13)	11 (2.17)	142 (5.12)	436 (2.28)	63.1 (2.82)	90.4 (2.69)	74.6 (2.2)	60 (2.27)	168 (6.2)	112 (2.1)	10.3 (2.2)	6.78 (2.25)	86.7 (2.33)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BO02-C1 303-BO02 6/16/2022	303-BO02-C2 303-BO02 6/16/2022	303-BO02-C3 303-BO02 6/16/2022	303-BP02-C1 303-BP02 6/17/2022	303-BP02-C2 303-BP02 6/17/2022	303-BP02-C3 303-BP02 6/17/2022	303-BQ01-C1 303-BQ01 6/23/2022	303-BQ02-C1 303-BQ02 6/17/2022	303-BQ02-C2 303-BQ02 6/17/2022	303-BQ02-C3 303-BQ02 6/17/2022	303-BR02-C1 303-BR02 6/16/2022	303-BR02-C2 303-BR02 6/16/2022	303-BS02-C1 303-BS02 6/16/2022	
Field Sample ID	Value (0-2 ft bgs)	Value	303-BO02-C1-COMP	303-BO02-C2-COMP	303-BO02-C3-COMP	303-BP02-C1-COMP	303-BP02-C2-COMP	303-BP02-C3-COMP	303-BQ01-C1-COMP	303-BQ02-C1-COMP	303-BQ02-C2-COMP	303-BQ02-C3-COMP	303-BR02-C1-COMP	303-BR02-C2-COMP	303-BS02-C1-COMP	
Sample Date	(mg/kg)	(mg/kg)														
PAHs																
Anthracene	190000	350	0.13 (0.11)	0.12 (0.12)	0.42 (0.13)	0.48 (0.12)	0.081 J (0.12)	0.25 (0.11)	0.25 (0.14)	2.2 (0.14)	0.51 (0.13)	0.6 (0.13)	0.059 J (0.12)	0.05 J (0.12)	0.2 J (0.35)	
Benzo(a)anthracene	130	340	0.14 (0.11)	0.07 J (0.12)	1.8 (0.13)	1.1 (0.12)	0.093 J (0.12)	0.26 (0.11)	0.56 (0.14)	3.4 (0.14)	0.52 (0.13)	0.64 (0.13)	0.28 (0.12)	0.26 (0.12)	0.34 J (0.35)	
Benzo(a)pyrene	91	46	0.16 (0.15)	0.098 J (0.16)	1.7 (0.18)	0.94 (0.16)	0.11 J (0.15)	0.14 J (0.15)	0.85 (0.19)	3.3 (0.18)	1.2 (0.17)	0.5 (0.18)	0.33 (0.16)	0.25 (0.16)	0.63 (0.47)	
Benzo(b)fluoranthene	76	170	0.18 (0.11)	0.096 J (0.12)	1.6 (0.13)	1.2 (0.12)	0.11 J (0.12)	0.18 (0.11)	0.97 (0.14)	3.3 (0.14)	1.3 (0.13)	0.68 (0.13)	0.38 (0.12)	0.31 (0.12)	0.45 (0.35)	
Benzo(g,h,i)perylene	190000	180	0.11 J (0.15)	0.071 J (0.16)	0.84 (0.18)	0.52 (0.16)	0.046 J (0.15)	0.074 J (0.15)	0.5 (0.19)	1.4 (0.18)	1.2 (0.17)	0.3 (0.18)	0.16 (0.16)	0.21 (0.16)	0.26 J (0.47)	
Chrysene	760	230	0.18 (0.11)	0.07 J (0.12)	1.5 (0.13)	1.2 (0.12)	0.093 J (0.12)	0.22 (0.11)	0.56 (0.14)	3.2 (0.14)	0.58 (0.13)	0.75 (0.13)	0.26 (0.12)	0.25 (0.12)	0.42 (0.35)	
Fluorene	130000	3800	0.85 (0.18)	0.13 J (0.2)	0.27 (0.22)	0.38 (0.2)	0.084 J (0.19)	0.45 (0.18)	0.12 J (0.24)	3 (0.23)	4.4 (0.22)	2.9 (0.22)	0.042 J (0.19)	U (0.2)	0.22 J (0.59)	
Naphthalene	66	25	8.6 (0.91)	0.42 (0.2)	0.99 (0.22)	0.12 J (0.2)	0.65 (0.19)	1.3 (0.18)	1.2 (0.24)	11 (1.2)	2.1 (0.22)	12 (1.1)	0.2 (0.19)	0.5 (0.2)	2 (0.59)	
Phenanthrene	190000	10000	0.68 (0.11)	0.06 J (0.12)	1 (0.13)	1.3 (0.12)	0.29 (0.12)	1 (0.11)	0.73 (0.14)	12 (0.69)	2 (0.13)	5 (0.13)	0.15 (0.12)	0.11 J (0.12)	0.72 (0.35)	
Pyrene	96000	2200	0.35 (0.11)	0.16 (0.12)	2.8 (0.13)	2.1 (0.12)	0.17 (0.12)	0.5 (0.11)	0.75 (0.14)	6.9 (0.14)	0.79 (0.13)	1.2 (0.13)	0.32 (0.12)	0.3 (0.12)	0.74 (0.35)	
Metals																
Lead	1000	450	47.8 (2.11)	90.4 (2.36)	83.9 (2.59)	279 (2.26)	222 (2.28)	113 (2.25)	88.4 (2.83)	95.5 (2.7)	168 (2.61)	1650 (2.65)	369 (2.34)	89.1 (2.41)	215 (4.92)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2c
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	303-BS02-C2 303-BS02	303-BS03-C1 303-BS03	303-BT01-C1 303-BT01	303-BT01-C2 303-BT01	303-BT01-C3 303-BT01	303-BU01-C1 303-BU01	303-BU01-C2 303-BU01	303-BV01-C1 303-BV01	303-BW01-C1 303-BW01
Field Sample ID	Value (0-2 ft bgs)	Value	303-BS02-C2-COMP	303-BS03-C1-COMP	303-BT01-C1-COMP	303-BT01-C2-COMP	303-BT01-C3-COMP	303-BU01-C1-COMP	303-BU01-C2-COMP	303-BV01-C1-COMP	303-BW01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/16/2022	6/14/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/15/2022	6/14/2022
PAHs											
Anthracene	190000	350	U (0.13)	U (0.12)	U (0.33)	0.14 J (0.34)	U (0.32)	0.63 (0.12)	0.98 (0.12)	1.2 (0.12)	0.17 (0.12)
Benzo(a)anthracene	130	340	0.035 J (0.13)	U (0.12)	0.56 (0.33)	0.18 J (0.34)	0.16 J (0.32)	1.3 (0.12)	1.7 (0.12)	2 (0.12)	0.48 (0.12)
Benzo(a)pyrene	91	46	U (0.17)	U (0.16)	0.52 (0.44)	0.15 J (0.46)	0.16 J (0.42)	1.3 (0.16)	1.9 (0.16)	1.9 (0.16)	0.57 (0.16)
Benzo(b)fluoranthene	76	170	U (0.13)	U (0.12)	0.61 (0.33)	0.19 J (0.34)	0.16 J (0.32)	1.4 (0.12)	2.1 (0.12)	2.1 (0.12)	0.65 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.17)	U (0.16)	0.28 J (0.44)	U (0.46)	0.092 J (0.42)	0.75 (0.16)	1 (0.16)	0.84 (0.16)	0.32 (0.16)
Chrysene	760	230	0.032 J (0.13)	U (0.12)	0.5 (0.33)	0.17 J (0.34)	0.15 J (0.32)	1.4 (0.12)	1.6 (0.12)	1.9 (0.12)	0.52 (0.12)
Fluorene	130000	3800	U (0.21)	U (0.19)	U (0.56)	0.14 J (0.58)	0.074 J (0.53)	0.87 (0.2)	3.1 (0.21)	1.2 (0.2)	0.12 J (0.19)
Naphthalene	66	25	U (0.21)	U (0.19)	0.11 J (0.56)	0.12 J (0.58)	0.085 J (0.53)	0.71 (0.2)	1.1 (0.21)	1.4 (0.2)	0.4 (0.19)
Phenanthrene	190000	10000	0.055 J (0.13)	U (0.12)	0.18 J (0.33)	0.5 (0.34)	0.14 J (0.32)	2.1 (0.12)	4.2 (0.12)	4.2 (0.12)	0.29 (0.12)
Pyrene	96000	2200	0.052 J (0.13)	U (0.12)	0.49 (0.33)	0.34 (0.34)	0.2 J (0.32)	1.9 (0.12)	2.6 (0.12)	3.5 (0.12)	0.73 (0.12)
Metals											
Lead	1000	450	154 (2.49)	39.2 (11.5)	98.9 (2.3)	105 (2.41)	4.53 (2.16)	57.2 (2.36)	126 (2.45)	442 (2.24)	162 (2.25)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	301-AA02-C1	301-AA02-C2	301-AA02-C3	301-AA02-C4	301-AA03-C1	301-AA03-C2	301-AA03-C3	301-AA03-C4	301-AA04-C1	301-AA04-C2	301-AA04-C3	301-AA04-C4	301-AA04-C5
			301-AA02	301-AA02	301-AA02	301-AA02	301-AA03	301-AA03	301-AA03	301-AA03	301-AA04	301-AA04	301-AA04	301-AA04	301-AA04
Field Sample ID	Value (0-2 ft bgs)	Value	301-AA02-C1-COMP	301-AA02-C2-COMP	301-AA02-C3-COMP	301-AA02-C4-COMP	301-AA03-C1-COMP	301-AA03-C2-COMP	301-AA03-C3-COMP	301-AA03-C4-COMP	301-AA04-C1-COMP	301-AA04-C2-COMP	301-AA04-C3-COMP	301-AA04-C4-COMP	301-AA04-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022
PAHs															
Anthracene	190000	350	U (0.1)	U (1.1)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	0.11 J (0.12)	U (0.12)	U (1)	U (0.11)	U (0.11)	U (0.34)	0.22 (0.11)
Benzo(a)anthracene	130	340	U (0.1)	U (1.1)	0.067 J (0.1)	0.072 J (0.1)	U (0.12)	0.093 J (0.12)	0.18 (0.12)	U (0.12)	0.19 J (1)	0.14 (0.11)	0.14 (0.11)	0.17 J (0.34)	0.67 (0.11)
Benzo(a)pyrene	91	46	U (0.14)	U (1.5)	0.071 J (0.14)	0.078 J (0.14)	U (0.15)	0.1 J (0.16)	0.15 J (0.16)	U (0.15)	U (1.4)	0.15 (0.15)	0.18 (0.15)	0.2 J (0.45)	0.8 (0.15)
Benzo(b)fluoranthene	76	170	U (0.1)	U (1.1)	0.082 J (0.1)	0.09 J (0.1)	U (0.12)	0.12 (0.12)	0.18 (0.12)	U (0.12)	U (1)	0.17 (0.11)	0.13 (0.11)	0.2 J (0.34)	1.4 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (1.5)	0.034 J (0.14)	0.045 J (0.14)	U (0.15)	0.056 J (0.16)	0.066 J (0.16)	U (0.15)	0.21 J (1.4)	0.13 J (0.15)	0.14 J (0.15)	0.16 J (0.45)	0.7 (0.15)
Chrysene	760	230	U (0.1)	U (1.1)	0.065 J (0.1)	0.073 J (0.1)	U (0.12)	0.1 J (0.12)	0.16 (0.12)	U (0.12)	0.22 J (1)	0.2 (0.11)	0.26 (0.11)	0.18 J (0.34)	1.1 (0.11)
Fluorene	130000	3800	U (0.18)	U (1.9)	U (0.17)	U (0.17)	U (0.19)	0.02 J (0.2)	0.058 J (0.2)	U (0.19)	U (1.7)	U (0.19)	U (0.19)	U (0.56)	0.06 J (0.19)
Naphthalene	66	25	U (0.18)	U (1.9)	U (0.17)	U (0.17)	U (0.19)	0.062 J (0.2)	U (0.2)	U (0.19)	U (1.7)	U (0.19)	U (0.19)	U (0.56)	0.5 (0.19)
Phenanthrene	190000	10000	U (0.1)	U (1.1)	0.056 J (0.1)	0.076 J (0.1)	U (0.12)	0.17 (0.12)	0.39 (0.12)	U (0.12)	0.22 J (1)	0.078 J (0.11)	U (0.11)	0.1 J (0.34)	0.97 (0.11)
Pyrene	96000	2200	0.022 J (0.1)	0.21 J (1.1)	0.089 J (0.1)	0.096 J (0.1)	U (0.12)	0.21 (0.12)	0.31 (0.12)	U (0.12)	0.25 J (1)	0.16 (0.11)	0.19 (0.11)	0.21 J (0.34)	0.98 (0.11)
Metals															
Lead	1000	450	4.64 (2.08)	5.9 (2.16)	14.8 (2.06)	62.5 (2.05)	5.98 (2.24)	35.2 (2.31)	343 (2.3)	48.4 (22.1)	13.9 (1.97)	21.3 (4.31)	57.9 (2.15)	23.2 (2.24)	37.9 (2.21)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-AA05-C1	301-AA05-C2	301-AA05-C3	301-AA05-C4	301-AA05-C5	301-AB01-C1	301-AB01-C2	301-AB01-C3	301-AB01-C4	301-AB05-C1	301-AB05-C2	301-AB05-C3	301-AB05-C4
Cell	Direct Contact	Groundwater	301-AA05	301-AA05	301-AA05	301-AA05	301-AA05	301-AB01	301-AB01	301-AB01	301-AB01	301-AB05	301-AB05	301-AB05	301-AB05
Field Sample ID	Value (0-2 ft bgs)	Value	301-AA05-C1-COMP	301-AA05-C2-COMP	301-AA05-C3-COMP	301-AA05-C4-COMP	301-AA05-C5-COMP	301-AB01-C1-COMP	301-AB01-C2-COMP	301-AB01-C3-COMP	301-AB01-C4-COMP	301-AB05-C1-COMP	301-AB05-C2-COMP	301-AB05-C3-COMP	301-AB05-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	8/10/2022	8/10/2022	8/10/2022	8/10/2022	8/10/2022	8/15/2022	8/15/2022	8/15/2022	8/15/2022	8/10/2022	8/10/2022	8/10/2022	8/10/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	U (0.15)	U (0.11)	0.039 J (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.1 J (0.11)	0.094 J (0.12)	U (0.11)	0.22 (0.12)	0.08 J (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.25 (0.15)	U (0.11)	0.087 J (0.12)	0.026 J (0.11)
Benzo(a)pyrene	91	46	0.12 J (0.14)	0.089 J (0.16)	U (0.14)	0.34 (0.16)	U (0.15)	U (0.13)	U (0.16)	U (0.16)	U (0.15)	0.25 (0.2)	U (0.15)	0.074 J (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.15 (0.11)	0.12 (0.12)	U (0.11)	0.26 (0.12)	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.4 (0.15)	U (0.11)	0.08 J (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.15 (0.14)	0.067 J (0.16)	U (0.14)	0.38 (0.16)	U (0.15)	U (0.13)	U (0.16)	U (0.16)	U (0.15)	0.2 (0.2)	U (0.15)	0.047 J (0.16)	U (0.15)
Chrysene	760	230	0.15 (0.11)	0.19 (0.12)	U (0.11)	0.34 (0.12)	0.047 J (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.32 (0.15)	U (0.11)	0.084 J (0.12)	0.025 J (0.11)
Fluorene	130000	3800	0.021 J (0.18)	0.026 J (0.19)	0.058 J (0.18)	U (0.2)	U (0.19)	U (0.17)	U (0.2)	U (0.19)	U (0.19)	U (0.24)	U (0.19)	0.021 J (0.2)	U (0.19)
Naphthalene	66	25	0.093 J (0.18)	0.037 J (0.19)	0.046 J (0.18)	0.047 J (0.2)	U (0.19)	U (0.17)	U (0.2)	U (0.19)	U (0.19)	0.034 J (0.24)	U (0.19)	U (0.2)	U (0.19)
Phenanthrene	190000	10000	0.16 (0.11)	0.11 J (0.12)	0.11 (0.11)	0.13 (0.12)	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.2 (0.15)	U (0.11)	0.16 (0.12)	U (0.11)
Pyrene	96000	2200	0.16 (0.11)	0.15 (0.12)	U (0.11)	0.15 (0.12)	0.12 (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	0.42 (0.15)	0.02 J (0.11)	0.14 (0.12)	0.032 J (0.11)
Metals															
Lead	1000	450	68.1 (10.5)	68.6 (11.4)	3.93 J (10.3)	7.16 (2.33)	7.62 (4.31)	2.68 (1.95)	3.99 (2.32)	6.02 (2.25)	7.22 (2.29)	102 (2.78)	65.3 (2.2)	37.2 (4.69)	37.6 (2.13)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-AB05-C5	301-AC02-C1	301-AC02-C2	301-AC02-C3	301-AC02-C4	301-AC02-C5	301-AC03-C1	301-AC03-C2	301-AC03-C3	301-AC03-C4	301-T01-C1	301-T01-C2	301-T01-C3	
Cell	Direct Contact	Groundwater	301-AB05	301-AC02	301-AC02	301-AC02	301-AC02	301-AC02	301-AC03	301-AC03	301-AC03	301-AC03	301-T01	301-T01	301-T01	
Field Sample ID	Value (0-2 ft bgs)	Value	301-AB05-C5-COMP	301-AC02-C1-COMP	301-AC02-C2-COMP	301-AC02-C3-COMP	301-AC02-C4-COMP	301-AC02-C5-COMP	301-AC03-C1-COMP	301-AC03-C2-COMP	301-AC03-C3-COMP	301-AC03-C4-COMP	301-T01-C1-COMP	301-T01-C2-COMP	301-T01-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	8/10/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/4/2022	8/4/2022	8/4/2022	
PAHs																
Anthracene	190000	350	0.069 J (0.12)	0.087 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	0.39 (0.11)	0.24 (0.11)	0.06 J (0.11)	
Benzo(a)anthracene	130	340	0.034 J (0.12)	0.46 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.033 J (0.1)	0.027 J (0.11)	0.033 J (0.11)	U (0.12)	U (0.12)	1.2 (0.11)	0.69 (0.11)	0.22 (0.11)	
Benzo(a)pyrene	91	46	U (0.16)	0.56 (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	1.3 (0.15)	0.74 (0.15)	0.27 (0.14)	
Benzo(b)fluoranthene	76	170	U (0.12)	0.64 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.035 J (0.1)	U (0.11)	0.044 J (0.11)	U (0.12)	U (0.12)	1.7 (0.11)	0.83 (0.11)	0.31 (0.11)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.38 (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.14)	U (0.15)	0.029 J (0.15)	U (0.16)	U (0.16)	0.69 (0.15)	0.38 (0.15)	0.13 J (0.14)	
Chrysene	760	230	0.097 J (0.12)	0.46 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.034 J (0.1)	0.026 J (0.11)	0.042 J (0.11)	U (0.12)	U (0.12)	1.1 (0.11)	0.64 (0.11)	0.22 (0.11)	
Fluorene	130000	3800	0.4 (0.2)	0.027 J (0.19)	U (0.2)	U (0.2)	U (0.2)	0.14 J (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.21)	0.1 J (0.19)	0.094 J (0.18)	U (0.18)	
Naphthalene	66	25	0.067 J (0.2)	0.05 J (0.19)	U (0.2)	U (0.2)	U (0.2)	0.087 J (0.18)	U (0.19)	U (0.19)	U (0.2)	U (0.21)	0.097 J (0.19)	0.088 J (0.18)	0.025 J (0.18)	
Phenanthrene	190000	10000	0.73 (0.12)	0.35 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.28 (0.1)	U (0.11)	0.033 J (0.11)	U (0.12)	U (0.12)	1.5 (0.11)	0.76 (0.11)	0.16 (0.11)	
Pyrene	96000	2200	0.12 (0.12)	0.73 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.062 J (0.1)	0.039 J (0.11)	0.048 J (0.11)	U (0.12)	U (0.12)	1.8 (0.11)	1 (0.11)	0.32 (0.11)	
Metals																
Lead	1000	450	13.3 (2.36)	74.8 (2.31)	5.14 (2.36)	4.74 (2.4)	5.74 (2.28)	35.8 (2.1)	6.09 (2.24)	10 (2.25)	3.4 (2.3)	4.88 (2.4)	142 (2.13)	43.9 (2.16)	15.2 (2.07)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-T01-C4	301-T01-C5	301-T02-C1	301-U01-C1	301-U01-C2	301-U01-C3	301-U01-C4	301-U01-C5	301-U02-C1	301-U02-C2	301-U02-C3	301-U02-C4	301-U02-C5
Cell	Direct Contact	Groundwater	301-T01	301-T01	301-T02	301-U01	301-U01	301-U01	301-U01	301-U01	301-U02	301-U02	301-U02	301-U02	301-U02
Field Sample ID	Value (0-2 ft bgs)	Value	301-T01-C4-COMP	301-T01-C5-COMP	301-T02-C1-COMP	301-U01-C1-COMP	301-U01-C2-COMP	301-U01-C3-COMP	301-U01-C4-COMP	301-U01-C5-COMP	301-U02-C1-COMP	301-U02-C2-COMP	301-U02-C3-COMP	301-U02-C4-COMP	301-U02-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022	8/4/2022
PAHs															
Anthracene	190000	350	0.47 (0.11)	0.21 (0.12)	0.37 (0.12)	0.38 J (0.57)	0.07 J (0.13)	0.54 (0.12)	0.28 J (0.58)	0.38 J (0.59)	0.062 J (0.13)	U (0.12)	0.28 J (0.62)	0.34 J (0.56)	0.29 (0.11)
Benzo(a)anthracene	130	340	0.43 (0.11)	0.81 (0.12)	0.46 (0.12)	1.2 (0.57)	0.095 J (0.13)	0.46 (0.12)	0.33 J (0.58)	0.17 J (0.59)	0.19 (0.13)	U (0.12)	0.21 J (0.62)	2.3 (0.56)	1.3 (0.11)
Benzo(a)pyrene	91	46	0.32 (0.15)	1.2 (0.15)	0.44 (0.16)	1.6 (0.76)	0.074 J (0.17)	0.34 (0.16)	0.26 J (0.78)	U (0.79)	0.23 (0.17)	U (0.16)	U (0.83)	5.2 (0.75)	2.9 (0.14)
Benzo(b)fluoranthene	76	170	0.35 (0.11)	1.4 (0.12)	0.48 (0.12)	1.7 (0.57)	0.094 J (0.13)	0.39 (0.12)	0.31 J (0.58)	0.2 J (0.59)	0.25 (0.13)	U (0.12)	U (0.62)	3.2 (0.56)	2.1 (0.11)
Benzo(g,h,i)perylene	190000	180	0.12 J (0.15)	0.64 (0.15)	0.26 (0.16)	0.86 (0.76)	0.037 J (0.17)	0.13 J (0.16)	0.14 J (0.78)	U (0.79)	0.096 J (0.17)	U (0.16)	U (0.83)	5.7 (0.75)	3.4 (0.14)
Chrysene	760	230	0.41 (0.11)	0.76 (0.12)	0.6 (0.12)	1.3 (0.57)	0.12 J (0.13)	0.42 (0.12)	0.41 J (0.58)	0.21 J (0.59)	0.18 (0.13)	U (0.12)	0.83 (0.62)	3 (0.56)	1.7 (0.11)
Fluorene	130000	3800	1.1 (0.18)	0.05 J (0.19)	0.75 (0.2)	0.21 J (0.94)	0.39 (0.21)	1.2 (0.2)	0.58 J (0.98)	1.1 (0.99)	U (0.22)	U (0.19)	0.5 J (1)	0.22 J (0.94)	0.15 J (0.18)
Naphthalene	66	25	0.62 (0.18)	0.051 J (0.19)	0.37 (0.2)	0.18 J (0.94)	U (0.21)	0.64 (0.2)	U (0.98)	0.25 J (0.99)	0.037 J (0.22)	U (0.19)	0.19 J (1)	0.9 J (0.94)	0.87 (0.18)
Phenanthrene	190000	10000	3.2 (0.11)	0.42 (0.12)	1.5 (0.12)	1.5 (0.57)	0.72 (0.13)	3.4 (0.12)	1.5 (0.58)	2 (0.59)	0.18 (0.13)	U (0.12)	1.9 (0.62)	1.3 (0.56)	1.2 (0.11)
Pyrene	96000	2200	1 (0.11)	0.98 (0.12)	0.81 (0.12)	1.6 (0.57)	0.18 (0.13)	1.1 (0.12)	0.69 (0.58)	0.47 J (0.59)	0.3 (0.13)	U (0.12)	0.44 J (0.62)	1.3 (0.56)	1.1 (0.11)
Metals															
Lead	1000	450	6.48 (2.19)	64.3 (2.29)	17.5 (2.34)	73.9 (2.22)	157 (2.49)	11.1 (2.32)	111 (4.66)	11.4 (2.29)	179 (2.52)	163 (2.27)	37.4 (2.46)	3.16 (2.22)	134 (2.06)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-U03-C1	301-U03-C2	301-U03-C3	301-U03-C4	301-U03-C5	301-V01-C1	301-V01-C2	301-V01-C3	301-V01-C4	301-V02-C1	301-V02-C2	301-V02-C3	301-V02-C4	
Cell	Direct Contact	Groundwater	301-U03	301-U03	301-U03	301-U03	301-U03	301-V01	301-V01	301-V01	301-V01	301-V02	301-V02	301-V02	301-V02	
Field Sample ID	Value (0-2 ft bgs)	Value	301-U03-C1-COMP	301-U03-C2-COMP	301-U03-C3-COMP	301-U03-C4-COMP	301-U03-C5-COMP	301-V01-C1-COMP	301-V01-C2-COMP	301-V01-C3-COMP	301-V01-C4-COMP	301-V02-C1-COMP	301-V02-C2-COMP	301-V02-C3-COMP	301-V02-C4-COMP	
Sample Date	(mg/kg)	(mg/kg)	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	
PAHs																
Anthracene	190000	350	U (0.12)	0.08 J (0.1)	U (0.1)	0.045 J (0.11)	0.66 (0.55)	U (0.1)	0.053 J (0.12)	0.065 J (0.11)	0.068 J (0.12)	0.044 J (0.11)	U (0.12)	U (0.11)	U (0.57)	
Benzo(a)anthracene	130	340	0.073 J (0.12)	0.11 (0.1)	0.05 J (0.1)	0.074 J (0.11)	0.47 J (0.55)	0.081 J (0.1)	0.36 (0.12)	0.2 (0.11)	0.22 (0.12)	0.16 (0.11)	0.13 (0.12)	0.1 J (0.11)	U (0.57)	
Benzo(a)pyrene	91	46	0.1 J (0.16)	0.11 J (0.14)	0.056 J (0.14)	0.087 J (0.15)	U (0.74)	0.16 (0.13)	0.45 (0.16)	0.2 (0.15)	0.21 (0.16)	0.17 (0.15)	0.12 J (0.16)	0.12 J (0.15)	U (0.76)	
Benzo(b)fluoranthene	76	170	0.12 (0.12)	0.11 (0.1)	0.068 J (0.1)	0.12 (0.11)	U (0.55)	0.12 (0.1)	0.53 (0.12)	0.23 (0.11)	0.26 (0.12)	0.2 (0.11)	0.15 (0.12)	0.14 (0.11)	U (0.57)	
Benzo(g,h,i)perylene	190000	180	0.11 J (0.16)	0.13 J (0.14)	0.046 J (0.14)	0.095 J (0.15)	0.27 J (0.74)	0.16 (0.13)	0.31 (0.16)	0.088 J (0.15)	0.097 J (0.16)	0.098 J (0.15)	0.061 J (0.16)	0.079 J (0.15)	U (0.76)	
Chrysene	760	230	0.1 J (0.12)	0.21 (0.1)	0.056 J (0.1)	0.11 (0.11)	0.87 (0.55)	0.099 J (0.1)	0.38 (0.12)	0.21 (0.11)	0.23 (0.12)	0.17 (0.11)	0.13 (0.12)	0.12 (0.11)	0.18 J (0.57)	
Fluorene	130000	3800	0.024 J (0.2)	0.13 J (0.17)	U (0.17)	0.13 J (0.19)	3.2 (0.92)	U (0.17)	U (0.19)	0.039 J (0.19)	0.024 J (0.2)	U (0.19)	U (0.2)	U (0.19)	0.22 J (0.95)	
Naphthalene	66	25	0.044 J (0.2)	0.14 J (0.17)	0.061 J (0.17)	0.26 (0.19)	1.5 (0.92)	0.04 J (0.17)	U (0.19)	U (0.19)	U (0.2)	0.034 J (0.19)	U (0.2)	0.086 J (0.19)	U (0.95)	
Phenanthrene	190000	10000	0.067 J (0.12)	0.27 (0.1)	0.054 J (0.1)	0.3 (0.11)	7.4 (0.55)	0.065 J (0.1)	0.27 (0.12)	0.31 (0.11)	0.3 (0.12)	0.2 (0.11)	0.16 (0.12)	0.088 J (0.11)	0.43 J (0.57)	
Pyrene	96000	2200	0.1 J (0.12)	0.43 (0.1)	0.083 J (0.1)	0.16 (0.11)	1.2 (0.55)	0.063 J (0.1)	0.53 (0.12)	0.36 (0.11)	0.39 (0.12)	0.25 (0.11)	0.22 (0.12)	0.16 (0.11)	0.29 J (0.57)	
Metals																
Lead	1000	450	60.2 (2.39)	12.3 (2.09)	7.31 (2.04)	19.4 (2.26)	32.5 (2.28)	110 (2.03)	54.6 (2.25)	0.522 J (2.26)	11.8 (2.38)	37.8 (2.25)	31 (2.34)	61.8 (2.19)	51.4 (2.22)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-V02-C5	301-V03-C1	301-V03-C2	301-V03-C3	301-V03-C4	301-V03-C5	301-W01-C1	301-W01-C2	301-W01-C3	301-W01-C4	301-W02-C1	301-W02-C2	301-W02-C3
Cell	Direct Contact	Groundwater	301-V02	301-V03	301-V03	301-V03	301-V03	301-V03	301-W01	301-W01	301-W01	301-W01	301-W02	301-W02	301-W02
Field Sample ID	Value (0-2 ft bgs)	Value	301-V02-C5-COMP	301-V03-C1-COMP	301-V03-C2-COMP	301-V03-C3-COMP	301-V03-C4-COMP	301-V03-C5-COMP	301-W01-C1-COMP	301-W01-C2-COMP	301-W01-C3-COMP	301-W01-C4-COMP	301-W02-C1-COMP	301-W02-C2-COMP	301-W02-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	8/5/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	8/11/2022	8/11/2022	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022
PAHs															
Anthracene	190000	350	0.074 J (0.11)	0.097 J (0.22)	0.068 J (0.11)	U (0.12)	0.95 (0.12)	0.25 (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.058 J (0.11)	U (0.11)	U (0.11)
Benzo(a)anthracene	130	340	0.028 J (0.11)	0.84 (0.22)	0.54 (0.11)	0.031 J (0.12)	0.15 (0.12)	0.1 J (0.12)	0.13 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.16 (0.11)	0.048 J (0.11)	0.022 J (0.11)
Benzo(a)pyrene	91	46	U (0.15)	0.9 (0.29)	0.69 (0.15)	U (0.16)	0.087 J (0.16)	0.094 J (0.16)	0.17 (0.15)	U (0.16)	U (0.16)	U (0.16)	0.19 (0.15)	0.051 J (0.15)	U (0.14)
Benzo(b)fluoranthene	76	170	0.04 J (0.11)	1 (0.22)	0.82 (0.11)	0.036 J (0.12)	0.18 (0.12)	0.11 J (0.12)	0.18 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.21 (0.11)	0.058 J (0.11)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.03 J (0.15)	0.5 (0.29)	0.38 (0.15)	U (0.16)	0.062 J (0.16)	0.058 J (0.16)	0.15 (0.15)	U (0.16)	U (0.16)	U (0.16)	0.18 (0.15)	0.042 J (0.15)	U (0.14)
Chrysene	760	230	0.095 J (0.11)	0.82 (0.22)	0.57 (0.11)	0.03 J (0.12)	0.19 (0.12)	0.35 (0.12)	0.29 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.16 (0.11)	0.056 J (0.11)	0.023 J (0.11)
Fluorene	130000	3800	0.27 (0.19)	0.04 J (0.36)	U (0.18)	U (0.2)	2.3 (0.2)	1.1 (0.2)	0.064 J (0.18)	U (0.2)	U (0.21)	U (0.2)	0.031 J (0.18)	U (0.19)	U (0.18)
Naphthalene	66	25	0.36 (0.19)	0.14 J (0.36)	0.044 J (0.18)	U (0.2)	0.58 (0.2)	0.41 (0.2)	0.11 J (0.18)	U (0.2)	U (0.21)	U (0.2)	0.095 J (0.18)	U (0.19)	U (0.18)
Phenanthrene	190000	10000	0.45 (0.11)	0.24 (0.22)	0.27 (0.11)	U (0.12)	3.8 (0.12)	1.9 (0.12)	0.17 (0.11)	U (0.12)	U (0.12)	0.031 J (0.12)	0.22 (0.11)	0.041 J (0.11)	0.033 J (0.11)
Pyrene	96000	2200	0.12 (0.11)	0.9 (0.22)	0.99 (0.11)	0.04 J (0.12)	0.87 (0.12)	0.36 (0.12)	0.23 (0.11)	U (0.12)	U (0.12)	0.023 J (0.12)	0.25 (0.11)	0.068 J (0.11)	0.051 J (0.11)
Metals															
Lead	1000	450	116 (2.3)	62.8 (2.22)	48 (2.24)	147 (2.36)	490 (2.3)	6.56 (2.32)	30.2 (2.2)	9.09 (2.49)	5.96 (2.47)	267 (2.32)	59.7 (2.22)	35.5 (2.19)	19 (2.15)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-W02-C4	301-W02-C5	301-X01-C1	301-X01-C2	301-X01-C3	301-X01-C4	301-X02-C1	301-X02-C2	301-X02-C3	301-X02-C4	301-X02-C5	301-Y01-C1	301-Y01-C2
Cell	Direct Contact	Groundwater	301-W02	301-W02	301-X01	301-X01	301-X01	301-X01	301-X02	301-X02	301-X02	301-X02	301-X02	301-Y01	301-Y01
Field Sample ID	Value (0-2 ft bgs)	Value	301-W02-C4-COMP	301-W02-C5-COMP	301-X01-C1-COMP	301-X01-C2-COMP	301-X01-C3-COMP	301-X01-C4-COMP	301-X02-C1-COMP	301-X02-C2-COMP	301-X02-C3-COMP	301-X02-C4-COMP	301-X02-C5-COMP	301-Y01-C1-COMP	301-Y01-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	8/12/2022	8/12/2022	8/11/2022	8/11/2022	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/11/2022	8/11/2022
PAHs															
Anthracene	190000	350	U (0.1)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	0.18 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.12 (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.1)	U (0.12)	0.036 J (0.13)	0.056 J (0.12)	U (0.12)	0.088 J (0.12)	0.2 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.42 (0.12)	0.065 J (0.11)
Benzo(a)pyrene	91	46	U (0.14)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	0.098 J (0.16)	0.12 J (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.38 (0.17)	0.072 J (0.15)
Benzo(b)fluoranthene	76	170	U (0.1)	U (0.12)	0.038 J (0.13)	0.046 J (0.12)	U (0.12)	0.11 J (0.12)	0.14 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.27 (0.12)	0.085 J (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.16)	0.026 J (0.17)	0.023 J (0.16)	U (0.16)	0.059 J (0.16)	0.092 J (0.16)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.24 (0.17)	0.054 J (0.15)
Chrysene	760	230	U (0.1)	U (0.12)	0.038 J (0.13)	0.12 (0.12)	U (0.12)	0.095 J (0.12)	0.5 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.95 (0.12)	0.064 J (0.11)
Fluorene	130000	3800	U (0.17)	U (0.2)	0.031 J (0.21)	0.43 (0.2)	U (0.2)	0.024 J (0.2)	0.083 J (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	0.055 J (0.21)	U (0.18)
Naphthalene	66	25	U (0.17)	U (0.2)	U (0.21)	0.21 (0.2)	U (0.2)	U (0.2)	0.031 J (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	0.18 J (0.21)	U (0.18)
Phenanthrene	190000	10000	U (0.1)	U (0.12)	0.064 J (0.13)	0.85 (0.12)	U (0.12)	0.24 (0.12)	0.73 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.86 (0.12)	0.058 J (0.11)
Pyrene	96000	2200	U (0.1)	U (0.12)	0.053 J (0.13)	0.14 (0.12)	U (0.12)	0.2 (0.12)	1.4 (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.87 (0.12)	0.1 J (0.11)
Metals															
Lead	1000	450	5.08 (2.06)	5.78 (2.45)	49 (2.58)	6.78 (2.4)	6.42 (2.37)	31.4 (2.27)	70.9 (2.28)	8.39 (4.64)	6.82 (2.19)	11.2 J (11.5)	4.38 (2.33)	5.18 (2.52)	8.82 (2.16)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-Y01-C3	301-Y01-C4	301-Y02-C1	301-Y02-C2	301-Y02-C3	301-Y02-C4	301-Z01-C1	301-Z01-C2	301-Z01-C3	301-Z01-C4	301-Z02-C1	301-Z02-C2	301-Z02-C3	
Cell	Direct Contact	Groundwater	301-Y01	301-Y01	301-Y02	301-Y02	301-Y02	301-Y02	301-Z01	301-Z01	301-Z01	301-Z01	301-Z02	301-Z02	301-Z02	
Field Sample ID	Value (0-2 ft bgs)	Value	301-Y01-C3-COMP	301-Y01-C4-COMP	301-Y02-C1-COMP	301-Y02-C2-COMP	301-Y02-C3-COMP	301-Y02-C4-COMP	301-Z01-C1-COMP	301-Z01-C2-COMP	301-Z01-C3-COMP	301-Z01-C4-COMP	301-Z02-C1-COMP	301-Z02-C2-COMP	301-Z02-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	8/11/2022	8/11/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/9/2022	8/9/2022	8/9/2022	
PAHs																
Anthracene	190000	350	U (0.13)	U (0.12)	U (0.11)	0.1 J (0.12)	0.4 (0.12)	0.72 (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	0.61 (0.11)	U (0.12)	
Benzo(a)anthracene	130	340	U (0.13)	0.035 J (0.12)	0.038 J (0.11)	0.03 J (0.12)	0.15 (0.12)	0.19 (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	2.7 (0.11)	U (0.12)	
Benzo(a)pyrene	91	46	U (0.18)	U (0.17)	U (0.15)	U (0.16)	U (0.16)	0.066 J (0.17)	U (0.14)	U (0.15)	U (0.17)	U (0.14)	U (0.16)	3.5 (0.15)	U (0.16)	
Benzo(b)fluoranthene	76	170	U (0.13)	U (0.12)	0.053 J (0.11)	U (0.12)	0.05 J (0.12)	0.061 J (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	3.9 (0.11)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	U (0.18)	U (0.17)	0.036 J (0.15)	U (0.16)	0.042 J (0.16)	0.05 J (0.17)	U (0.14)	U (0.15)	0.025 J (0.17)	U (0.14)	U (0.16)	1.6 (0.15)	U (0.16)	
Chrysene	760	230	0.039 J (0.13)	0.055 J (0.12)	0.045 J (0.11)	0.15 (0.12)	0.6 (0.12)	0.66 (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	2.5 (0.11)	U (0.12)	
Fluorene	130000	3800	0.026 J (0.22)	0.12 J (0.21)	0.025 J (0.19)	0.64 (0.2)	2.3 (0.2)	3.6 (0.21)	U (0.18)	U (0.19)	U (0.22)	U (0.18)	U (0.2)	0.13 J (0.18)	U (0.21)	
Naphthalene	66	25	U (0.22)	0.05 J (0.21)	U (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.18)	U (0.19)	U (0.22)	U (0.18)	U (0.2)	0.22 (0.18)	U (0.21)	
Phenanthrene	190000	10000	U (0.13)	0.23 (0.12)	0.094 J (0.11)	1.2 (0.12)	5.2 (0.12)	8.2 (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	1.8 (0.11)	U (0.12)	
Pyrene	96000	2200	0.03 J (0.13)	0.054 J (0.12)	0.061 J (0.11)	0.14 (0.12)	0.48 (0.12)	0.59 (0.12)	U (0.1)	U (0.11)	U (0.13)	U (0.11)	U (0.12)	3.4 (0.11)	U (0.12)	
Metals																
Lead	1000	450	10.1 (2.68)	46 (2.41)	86.3 (2.33)	13.4 (2.43)	6.61 (2.4)	4.62 (2.4)	4.88 (2.12)	4.77 (2.22)	22.6 (2.52)	8.42 (2.1)	0.456 J (2.38)	12.2 (2.12)	8.41 J (23.9)	

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	301-Z02-C4	301-Z02-C5	301-Z03-C1	301-Z03-C2	301-Z03-C3	301-Z03-C4	302-AD03-C1	302-AD03-C2	302-AD03-C3	302-AD03-C4	302-AD04-C1	302-AD04-C2	302-AD04-C3
Field Sample ID	Value (0-2 ft bgs)	Value	301-Z02	301-Z02	301-Z03	301-Z03	301-Z03	301-Z03	302-AD03	302-AD03	302-AD03	302-AD03	302-AD04	302-AD04	302-AD04
Sample Date	(mg/kg)	(mg/kg)	301-Z02-C4-COMP	301-Z02-C5-COMP	301-Z03-C1-COMP	301-Z03-C2-COMP	301-Z03-C3-COMP	301-Z03-C4-COMP	302-AD03-C1-COMP	302-AD03-C2-COMP	302-AD03-C3-COMP	302-AD03-C4-COMP	302-AD04-C1-COMP	302-AD04-C2-COMP	302-AD04-C3-COMP
			8/9/2022	8/9/2022	8/10/2022	8/10/2022	8/10/2022	8/10/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/17/2022	8/17/2022	8/17/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.18 (0.14)	0.66 (0.58)	0.05 J (0.12)	U (0.14)	U (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Benzo(a)anthracene	130	340	0.031 J (0.12)	0.078 J (0.14)	0.36 J (0.58)	U (0.12)	0.031 J (0.14)	0.065 J (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	0.11 J (0.18)	U (0.77)	U (0.16)	U (0.19)	0.064 J (0.17)	U (0.15)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.18)	U (0.16)
Benzo(b)fluoranthene	76	170	0.048 J (0.12)	0.13 J (0.14)	U (0.58)	U (0.12)	U (0.14)	0.069 J (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.13 J (0.18)	U (0.77)	U (0.16)	U (0.19)	0.046 J (0.17)	U (0.15)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.18)	U (0.16)
Chrysene	760	230	0.032 J (0.12)	0.094 J (0.14)	0.58 (0.58)	U (0.12)	0.06 J (0.14)	0.062 J (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Fluorene	130000	3800	U (0.2)	1.2 (0.23)	1.9 (0.96)	0.32 (0.2)	0.16 J (0.24)	U (0.21)	U (0.18)	U (0.2)	U (0.18)	U (0.22)	U (0.2)	U (0.22)	U (0.2)
Naphthalene	66	25	U (0.2)	0.88 (0.23)	0.54 J (0.96)	0.055 J (0.2)	0.031 J (0.24)	U (0.21)	U (0.18)	U (0.2)	U (0.18)	U (0.22)	U (0.2)	U (0.22)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	1.9 (0.14)	3 (0.58)	0.48 (0.12)	0.26 (0.14)	0.08 J (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Pyrene	96000	2200	0.039 J (0.12)	0.32 (0.14)	1.2 (0.58)	0.1 J (0.12)	0.076 J (0.14)	0.093 J (0.13)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.13)	U (0.12)
Metals															
Lead	1000	450	115 (4.63)	5.68 (5.29)	12.7 (2.24)	31.4 (2.33)	15.7 (5.52)	107 (2.47)	8.59 (2.24)	9.16 (4.68)	4.17 (2.22)	3.21 (2.6)	7.09 (2.28)	6.59 (2.57)	4.14 (2.38)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil	Non-Residential Soil to	302-AD04-C4	302-AD04-C5	302-AD05-C1	302-AD05-C2	302-AD05-C3	302-AD05-C4	302-AD06-C1	302-AD06-C2	302-AD06-C3	302-AD06-C4	302-AD07-C1	302-AD07-C2	302-AD07-C3
	Direct Contact	Groundwater	302-AD04	302-AD04	302-AD05	302-AD05	302-AD05	302-AD05	302-AD06	302-AD06	302-AD06	302-AD06	302-AD07	302-AD07	302-AD07
	Numeric	Numeric	302-AD04-C4-COMP	302-AD04-C5-COMP	302-AD05-C1-COMP	302-AD05-C2-COMP	302-AD05-C3-COMP	302-AD05-C4-COMP	302-AD06-C1-COMP	302-AD06-C2-COMP	302-AD06-C3-COMP	302-AD06-C4-COMP	302-AD07-C1-COMP	302-AD07-C2-COMP	302-AD07-C3-COMP
	Value (0-2 ft bgs)	Value	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.13)	U (0.11)	U (0.12)	U (0.12)	U (0.12)	0.26 (0.14)	0.05 J (0.12)	6.8 (1.3)	0.13 J (0.14)	U (0.12)	1.2 (0.13)	0.09 J (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.13)	0.069 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.92 (0.14)	0.22 (0.12)	23 (1.3)	0.39 (0.14)	0.024 J (0.12)	4.6 (0.13)	0.27 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.17)	0.079 J (0.15)	U (0.17)	U (0.16)	U (0.16)	0.96 (0.19)	0.25 (0.15)	20 (1.8)	0.43 (0.19)	U (0.16)	3.6 (0.17)	0.27 (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.13)	0.091 J (0.11)	U (0.12)	U (0.12)	U (0.12)	1.2 (0.14)	0.29 (0.12)	23 (1.3)	0.47 (0.14)	U (0.12)	3.4 (0.13)	0.32 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.17)	0.098 J (0.15)	U (0.17)	U (0.16)	U (0.16)	0.57 (0.19)	0.17 (0.15)	9.7 (1.8)	0.32 (0.19)	U (0.16)	1.7 (0.17)	0.16 (0.14)
Chrysene	760	230	U (0.12)	U (0.13)	0.059 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.94 (0.14)	0.24 (0.12)	20 (1.3)	0.41 (0.14)	0.02 J (0.12)	5.4 (0.13)	0.27 (0.11)
Fluorene	130000	3800	U (0.2)	U (0.21)	0.032 J (0.19)	U (0.21)	U (0.2)	U (0.2)	0.16 J (0.24)	0.025 J (0.19)	1.9 J (2.2)	0.053 J (0.24)	U (0.2)	0.44 (0.21)	0.046 J (0.18)
Naphthalene	66	25	U (0.2)	U (0.21)	0.03 J (0.19)	U (0.21)	U (0.2)	U (0.2)	0.15 J (0.24)	0.073 J (0.19)	0.39 J (2.2)	0.037 J (0.24)	U (0.2)	0.22 (0.21)	0.024 J (0.18)
Phenanthrene	190000	10000	U (0.12)	U (0.13)	0.067 J (0.11)	U (0.12)	U (0.12)	0.046 J (0.12)	1.4 (0.14)	0.26 (0.12)	25 (1.3)	0.54 (0.14)	U (0.12)	5.7 (0.13)	0.41 (0.11)
Pyrene	96000	2200	U (0.12)	U (0.13)	0.088 J (0.11)	U (0.12)	U (0.12)	U (0.12)	1.5 (0.14)	0.4 (0.12)	42 (1.3)	0.74 (0.14)	0.028 J (0.12)	8.3 (0.64)	0.62 (0.11)
Metals															
Lead	1000	450	29.3 (4.82)	4.32 (2.45)	4.98 (2.19)	7.15 (4.84)	5.26 (2.32)	6.9 (2.49)	47.5 (2.85)	54.6 (2.22)	36.4 (13.4)	23.1 (13.8)	493 (11.4)	109 (12.5)	6.31 (2.06)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil	Non-Residential Soil to	302-AD07-C4	302-AD07-C5	302-AE03-C1	302-AE03-C2	302-AE03-C3	302-AE03-C4	302-AE03-C5	302-AE04-C1	302-AE04-C2	302-AE04-C3	302-AE04-C4	302-AE04-C5	302-AE05-C1
	Direct Contact	Groundwater	302-AD07	302-AD07	302-AE03	302-AE03	302-AE03	302-AE03	302-AE03	302-AE04	302-AE04	302-AE04	302-AE04	302-AE04	302-AE05
	Numeric	Numeric	302-AD07-C4-COMP	302-AD07-C5-COMP	302-AE03-C1-COMP	302-AE03-C2-COMP	302-AE03-C3-COMP	302-AE03-C4-COMP	302-AE03-C5-COMP	302-AE04-C1-COMP	302-AE04-C2-COMP	302-AE04-C3-COMP	302-AE04-C4-COMP	302-AE04-C5-COMP	302-AE05-C1-COMP
	Value (0-2 ft bgs)	Value	8/18/2022	8/18/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/19/2022
	(mg/kg)	(mg/kg)													
PAHs															
Anthracene	190000	350	0.05 J (0.12)	0.31 (0.11)	U (0.12)	U (0.12)	0.2 (0.11)	U (0.12)	0.4 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.21 (0.12)	0.39 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.097 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.096 J (0.11)
Benzo(a)pyrene	91	46	0.22 (0.16)	0.39 (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	0.13 J (0.16)	U (0.17)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	0.084 J (0.15)
Benzo(b)fluoranthene	76	170	0.27 (0.12)	0.47 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.14 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.1 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.13 J (0.16)	0.23 (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	0.065 J (0.16)	U (0.17)	U (0.15)	U (0.15)	U (0.16)	U (0.16)	0.047 J (0.15)
Chrysene	760	230	0.24 (0.12)	0.37 (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.1 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.098 J (0.11)
Fluorene	130000	3800	U (0.2)	0.081 J (0.19)	U (0.2)	U (0.2)	0.85 (0.19)	U (0.2)	1.5 (0.2)	U (0.21)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	U (0.2)	0.068 J (0.19)	U (0.2)	U (0.2)	U (0.19)	U (0.2)	U (0.2)	U (0.21)	U (0.19)	U (0.19)	U (0.2)	U (0.2)	U (0.19)
Phenanthrene	190000	10000	0.19 (0.12)	0.52 (0.11)	U (0.12)	U (0.12)	0.89 (0.11)	U (0.12)	2.7 (0.12)	0.039 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.059 J (0.11)
Pyrene	96000	2200	0.4 (0.12)	0.69 (0.11)	U (0.12)	U (0.12)	0.095 J (0.11)	U (0.12)	0.57 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.21 (0.11)
Metals															
Lead	1000	450	26.4 (2.31)	5.52 (2.29)	6.78 (2.3)	6.26 (2.32)	7.44 (2.3)	263 (2.41)	50.4 (2.29)	17.8 (12.5)	92.9 (11.2)	6.15 (2.35)	49.8 (2.42)	7.47 (2.34)	44.3 (4.38)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AE05-C2	302-AE05-C3	302-AE05-C4	302-AE05-C5	302-AE06-C1	302-AE06-C2	302-AE06-C3	302-AE06-C4	302-AE07-C1	302-AE07-C2	302-AE07-C3	302-AE07-C4	302-AE07-C5
Cell	Direct Contact	Groundwater	302-AE05	302-AE05	302-AE05	302-AE05	302-AE06	302-AE06	302-AE06	302-AE06	302-AE07	302-AE07	302-AE07	302-AE07	302-AE07
Field Sample ID	Value (0-2 ft bgs)	Value	302-AE05-C2-COMP	302-AE05-C3-COMP	302-AE05-C4-COMP	302-AE05-C5-COMP	302-AE06-C1-COMP	302-AE06-C2-COMP	302-AE06-C3-COMP	302-AE06-C4-COMP	302-AE07-C1-COMP	302-AE07-C2-COMP	302-AE07-C3-COMP	302-AE07-C4-COMP	302-AE07-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022
PAHs															
Anthracene	190000	350	0.34 (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	0.046 J (0.11)	U (0.1)	0.074 J (0.11)	0.067 J (0.12)	0.04 J (0.11)	U (0.11)	U (0.13)	0.045 J (0.12)
Benzo(a)anthracene	130	340	0.64 (0.11)	U (0.12)	0.079 J (0.11)	U (0.12)	0.12 J (0.13)	0.2 (0.11)	0.072 J (0.1)	0.24 (0.11)	0.19 (0.12)	0.071 J (0.11)	0.051 J (0.11)	U (0.13)	0.076 J (0.12)
Benzo(a)pyrene	91	46	0.36 (0.14)	U (0.16)	0.066 J (0.15)	U (0.16)	0.15 J (0.18)	0.25 (0.14)	0.09 J (0.14)	0.3 (0.14)	0.2 (0.16)	0.098 J (0.15)	0.067 J (0.15)	U (0.17)	0.098 J (0.16)
Benzo(b)fluoranthene	76	170	0.58 (0.11)	U (0.12)	0.083 J (0.11)	U (0.12)	0.18 (0.13)	0.29 (0.11)	0.1 (0.1)	0.42 (0.11)	0.23 (0.12)	0.11 (0.11)	0.076 J (0.11)	U (0.13)	0.12 (0.12)
Benzo(g,h,i)perylene	190000	180	0.097 J (0.14)	U (0.16)	0.034 J (0.15)	U (0.16)	0.11 J (0.18)	0.17 (0.14)	0.084 J (0.14)	0.26 (0.14)	0.12 J (0.16)	0.06 J (0.15)	0.057 J (0.15)	U (0.17)	0.056 J (0.16)
Chrysene	760	230	0.63 (0.11)	U (0.12)	0.088 J (0.11)	U (0.12)	0.13 (0.13)	0.19 (0.11)	0.075 J (0.1)	0.31 (0.11)	0.18 (0.12)	0.075 J (0.11)	0.06 J (0.11)	U (0.13)	0.096 J (0.12)
Fluorene	130000	3800	0.022 J (0.18)	U (0.2)	U (0.19)	U (0.2)	0.074 J (0.22)	U (0.18)	U (0.17)	0.018 J (0.18)	0.034 J (0.2)	0.1 J (0.19)	U (0.18)	0.11 J (0.22)	0.23 (0.2)
Naphthalene	66	25	U (0.18)	U (0.2)	0.034 J (0.19)	U (0.2)	0.19 J (0.22)	0.047 J (0.18)	0.025 J (0.17)	0.1 J (0.18)	0.034 J (0.2)	0.8 (0.19)	U (0.18)	0.79 (0.22)	0.95 (0.2)
Phenanthrene	190000	10000	0.042 J (0.11)	U (0.12)	0.11 (0.11)	U (0.12)	0.26 (0.13)	0.19 (0.11)	0.069 J (0.1)	0.29 (0.11)	0.32 (0.12)	0.25 (0.11)	0.048 J (0.11)	0.18 (0.13)	0.46 (0.12)
Pyrene	96000	2200	1.8 (0.11)	0.026 J (0.12)	0.18 (0.11)	U (0.12)	0.21 (0.13)	0.34 (0.11)	0.11 (0.1)	0.41 (0.11)	0.34 (0.12)	0.14 (0.11)	0.071 J (0.11)	U (0.13)	0.098 J (0.12)
Metals															
Lead	1000	450	12.6 (4.17)	3.9 (2.37)	7.54 (2.24)	23.1 (11.6)	412 (2.62)	106 (2.12)	188 (2.07)	197 (2.1)	154 (2.53)	93.4 (2.27)	80 (2.19)	26.9 (2.54)	7.46 (2.29)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AE08-C1	302-AE08-C2	302-AE08-C3	302-AE08-C4	302-AF03-C1	302-AF03-C2	302-AF03-C3	302-AF03-C4	302-AF03-C5	302-AF04-C1	302-AF04-C2	302-AF04-C3	302-AF04-C4
Cell	Direct Contact	Groundwater	302-AE08	302-AE08	302-AE08	302-AE08	302-AF03	302-AF03	302-AF03	302-AF03	302-AF03	302-AF04	302-AF04	302-AF04	302-AF04
Field Sample ID	Value (0-2 ft bgs)	Value	302-AE08-C1-COMP	302-AE08-C2-COMP	302-AE08-C3-COMP	302-AE08-C4-COMP	302-AF03-C1-COMP	302-AF03-C2-COMP	302-AF03-C3-COMP	302-AF03-C4-COMP	302-AF03-C5-COMP	302-AF04-C1-COMP	302-AF04-C2-COMP	302-AF04-C3-COMP	302-AF04-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	8/30/2022	8/30/2022	8/30/2022	8/30/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/17/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.13)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	0.075 J (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	0.25 (0.12)
Benzo(a)anthracene	130	340	0.069 J (0.12)	U (0.13)	U (0.12)	U (0.11)	0.034 J (0.11)	U (0.12)	U (0.12)	0.068 J (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Benzo(a)pyrene	91	46	0.1 J (0.16)	U (0.17)	U (0.16)	U (0.15)	0.047 J (0.14)	U (0.17)	U (0.16)	0.067 J (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.11 J (0.12)	U (0.13)	U (0.12)	U (0.11)	0.055 J (0.11)	U (0.12)	U (0.12)	0.084 J (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.058 J (0.16)	U (0.17)	U (0.16)	U (0.15)	0.036 J (0.14)	U (0.17)	U (0.16)	0.035 J (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.16)	U (0.16)
Chrysene	760	230	0.063 J (0.12)	U (0.13)	U (0.12)	U (0.11)	0.037 J (0.11)	U (0.12)	U (0.12)	0.068 J (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.22)	U (0.2)	U (0.19)	U (0.18)	U (0.21)	0.12 J (0.2)	U (0.2)	U (0.18)	U (0.19)	U (0.19)	U (0.2)	0.77 (0.2)
Naphthalene	66	25	U (0.2)	U (0.22)	U (0.2)	U (0.19)	U (0.18)	U (0.21)	0.072 J (0.2)	0.16 J (0.2)	U (0.18)	U (0.19)	U (0.19)	U (0.2)	0.053 J (0.2)
Phenanthrene	190000	10000	0.063 J (0.12)	U (0.13)	U (0.12)	U (0.11)	0.043 J (0.11)	U (0.12)	0.27 (0.12)	0.66 (0.12)	U (0.11)	U (0.11)	U (0.11)	0.026 J (0.12)	1.7 (0.12)
Pyrene	96000	2200	0.09 J (0.12)	U (0.13)	U (0.12)	U (0.11)	0.06 J (0.11)	U (0.12)	U (0.12)	0.13 (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	0.079 J (0.12)
Metals															
Lead	1000	450	31.4 (2.34)	7.41 (2.57)	5.59 (2.32)	6.1 (2.27)	37.7 (2.05)	6.88 (2.41)	6.45 (2.37)	16.4 (2.3)	6.3 (2.19)	151 (2.22)	116 (2.26)	13.6 (2.42)	9.15 (2.37)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AF04-C5	302-AF05-C1	302-AF05-C2	302-AF05-C3	302-AF05-C4	302-AF05-C5	302-AF07-C1	302-AF07-C2	302-AF07-C3	302-AF07-C4	302-AF07-C5	302-AF08-C1	302-AF08-C2
Cell	Direct Contact	Groundwater	302-AF04	302-AF05	302-AF05	302-AF05	302-AF05	302-AF05	302-AF07	302-AF07	302-AF07	302-AF07	302-AF07	302-AF08	302-AF08
Field Sample ID	Value (0-2 ft bgs)	Value	302-AF04-C5-COMP	302-AF05-C1-COMP	302-AF05-C2-COMP	302-AF05-C3-COMP	302-AF05-C4-COMP	302-AF05-C5-COMP	302-AF07-C1-COMP	302-AF07-C2-COMP	302-AF07-C3-COMP	302-AF07-C4-COMP	302-AF07-C5-COMP	302-AF08-C1-COMP	302-AF08-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	10/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022	8/29/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.42 (0.12)	0.62 (0.12)	U (0.12)	U (0.11)	0.39 (0.11)	0.13 (0.12)	1.4 (0.12)	U (0.12)	0.053 J (0.12)	0.047 J (0.11)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	1.9 (0.12)	1.8 (0.12)	U (0.12)	U (0.11)	1.3 (0.11)	0.024 J (0.12)	2.5 (0.12)	0.072 J (0.12)	0.14 (0.12)	0.26 (0.11)	0.068 J (0.12)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	2.8 (0.16)	2.2 (0.15)	U (0.15)	U (0.15)	1.6 (0.15)	U (0.16)	2.4 (0.16)	0.09 J (0.16)	0.14 J (0.16)	0.45 (0.15)	0.076 J (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	3 (0.12)	2.5 (0.12)	U (0.12)	U (0.11)	1.9 (0.11)	U (0.12)	2.6 (0.12)	0.12 (0.12)	0.16 (0.12)	0.43 (0.11)	0.09 J (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	1.6 (0.16)	1.4 (0.15)	U (0.15)	U (0.15)	0.82 (0.15)	U (0.16)	1.1 (0.16)	0.057 J (0.16)	0.071 J (0.16)	0.29 (0.15)	0.045 J (0.16)	U (0.16)
Chrysene	760	230	U (0.12)	1.8 (0.12)	2 (0.12)	0.02 J (0.12)	U (0.11)	1.4 (0.11)	0.027 J (0.12)	2.2 (0.12)	0.064 J (0.12)	0.13 (0.12)	0.25 (0.11)	0.066 J (0.12)	U (0.12)
Fluorene	130000	3800	0.14 J (0.2)	0.13 J (0.2)	0.36 (0.19)	U (0.19)	U (0.18)	0.44 (0.19)	0.65 (0.2)	0.69 (0.2)	U (0.2)	0.031 J (0.2)	0.02 J (0.19)	U (0.2)	U (0.2)
Naphthalene	66	25	U (0.2)	0.091 J (0.2)	0.56 (0.19)	U (0.19)	U (0.18)	0.27 (0.19)	U (0.2)	0.19 J (0.2)	U (0.2)	0.039 J (0.2)	0.031 J (0.19)	0.16 J (0.2)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	1.4 (0.12)	2.6 (0.12)	0.043 J (0.12)	U (0.11)	1.9 (0.11)	0.96 (0.12)	5.2 (0.12)	0.055 J (0.12)	0.24 (0.12)	0.18 (0.11)	0.084 J (0.12)	U (0.12)
Pyrene	96000	2200	0.05 J (0.12)	3.1 (0.12)	3.1 (0.12)	0.026 J (0.12)	U (0.11)	2.1 (0.11)	0.06 J (0.12)	4.8 (0.12)	0.094 J (0.12)	0.26 (0.12)	0.3 (0.11)	0.1 J (0.12)	U (0.12)
Metals															
Lead	1000	450	10.6 (2.3)	37.4 (2.35)	175 (11.6)	17.8 (4.56)	9.64 J (21)	22.4 (2.19)	2.96 (2.34)	79.6 (2.36)	26.9 (2.47)	7.24 (2.38)	5.62 (2.19)	60.5 (2.33)	12.9 (2.49)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AF08-C3	302-AF08-C4	302-AF09-C1	302-AF09-C2	302-AF09-C3	302-AG03-C1	302-AG03-C2	302-AG03-C3	302-AG03-C4	302-AG03-C5	302-AG04-C1	302-AG04-C2	302-AG04-C3
Cell	Direct Contact	Groundwater	302-AF08	302-AF08	302-AF09	302-AF09	302-AF09	302-AG03	302-AG03	302-AG03	302-AG03	302-AG03	302-AG04	302-AG04	302-AG04
Field Sample ID	Value (0-2 ft bgs)	Value	302-AF08-C3-COMP	302-AF08-C4-COMP	302-AF09-C1-COMP	302-AF09-C2-COMP	302-AF09-C3-COMP	302-AG03-C1-COMP	302-AG03-C2-COMP	302-AG03-C3-COMP	302-AG03-C4-COMP	302-AG03-C5-COMP	302-AG04-C1-COMP	302-AG04-C2-COMP	302-AG04-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	8/29/2022	8/29/2022	8/31/2022	8/31/2022	8/31/2022	10/18/2022	10/18/2022	10/18/2022	10/18/2022	10/18/2022	8/22/2022	8/22/2022	8/22/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	0.078 J (0.11)	U (0.12)	U (0.12)	0.82 (0.1)	0.4 (0.11)	0.56 (0.12)	0.78 (0.12)	0.51 (0.13)	U (0.1)	0.12 J (0.13)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	0.33 (0.11)	U (0.12)	U (0.12)	U (0.1)	0.13 (0.11)	0.037 J (0.12)	0.043 J (0.12)	U (0.13)	0.03 J (0.1)	0.37 (0.13)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	0.28 (0.15)	U (0.16)	U (0.16)	U (0.14)	0.2 (0.14)	U (0.16)	U (0.16)	U (0.18)	U (0.14)	0.48 (0.17)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	0.32 (0.11)	U (0.12)	U (0.12)	U (0.1)	0.23 (0.11)	0.037 J (0.12)	U (0.12)	U (0.13)	0.034 J (0.1)	0.5 (0.13)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	0.13 J (0.15)	U (0.16)	U (0.16)	U (0.14)	0.16 (0.14)	U (0.16)	0.024 J (0.16)	U (0.18)	0.043 J (0.14)	0.44 (0.17)	U (0.16)
Chrysene	760	230	U (0.12)	U (0.11)	0.31 (0.11)	U (0.12)	U (0.12)	0.023 J (0.1)	0.13 (0.11)	0.038 J (0.12)	0.059 J (0.12)	U (0.13)	0.056 J (0.1)	0.43 (0.13)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.19)	0.018 J (0.19)	U (0.21)	U (0.2)	2.6 (0.17)	1.2 (0.18)	1.9 (0.2)	3 (0.2)	1.1 (0.22)	0.036 J (0.17)	0.063 J (0.21)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.19)	U (0.19)	U (0.21)	U (0.2)	U (0.17)	0.29 (0.18)	2.4 (0.2)	4.2 (0.2)	0.096 J (0.22)	U (0.17)	0.21 (0.21)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	U (0.11)	0.3 (0.11)	U (0.12)	U (0.12)	4.6 (0.1)	2.6 (0.11)	3.7 (0.12)	4.4 (0.12)	2.9 (0.13)	0.11 (0.1)	0.54 (0.13)	U (0.12)
Pyrene	96000	2200	U (0.12)	U (0.11)	0.48 (0.11)	U (0.12)	0.021 J (0.12)	0.36 (0.1)	0.32 (0.11)	0.22 (0.12)	0.4 (0.12)	0.21 (0.13)	0.044 J (0.1)	0.57 (0.13)	U (0.12)
Metals															
Lead	1000	450	3.18 (2.42)	9.7 (2.19)	107 (4.49)	18.9 (4.72)	26.5 (4.71)	5.1 (2.03)	24.3 (2.13)	5.99 (2.4)	64.5 (2.43)	21 (2.63)	8.12 (2.04)	2420 (5.04)	12.7 (11.9)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	302-AG04-C4	302-AG05-C1	302-AG05-C2	302-AG05-C3	302-AG05-C4	302-AG06-C1	302-AG06-C2	302-AG06-C3	302-AG06-C4	302-AG08-C1	302-AG08-C2	302-AG08-C3	302-AG08-C4
			302-AG04	302-AG05	302-AG05	302-AG05	302-AG05	302-AG06	302-AG06	302-AG06	302-AG06	302-AG08	302-AG08	302-AG08	302-AG08
Field Sample ID	Value (0-2 ft bgs)	Value	302-AG04-C4-COMP	302-AG05-C1-COMP	302-AG05-C2-COMP	302-AG05-C3-COMP	302-AG05-C4-COMP	302-AG06-C1-COMP	302-AG06-C2-COMP	302-AG06-C3-COMP	302-AG06-C4-COMP	302-AG08-C1-COMP	302-AG08-C2-COMP	302-AG08-C3-COMP	302-AG08-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/22/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.038 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	0.087 J (0.12)	0.072 J (0.14)	0.47 (0.11)	0.07 J (0.12)
Benzo(a)anthracene	130	340	U (0.12)	0.11 (0.11)	0.027 J (0.12)	U (0.12)	U (0.12)	0.049 J (0.11)	U (0.12)	U (0.12)	U (0.11)	0.18 (0.12)	0.23 (0.14)	0.81 (0.11)	0.13 (0.12)
Benzo(a)pyrene	91	46	U (0.16)	0.1 J (0.15)	U (0.16)	U (0.16)	U (0.16)	0.05 J (0.14)	U (0.16)	U (0.16)	U (0.15)	0.15 (0.15)	0.29 (0.19)	0.7 (0.15)	0.14 J (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	0.078 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.071 J (0.11)	U (0.12)	U (0.12)	U (0.11)	0.15 (0.12)	0.28 (0.14)	0.77 (0.11)	0.12 (0.12)
Benzo(g,h,i)perylene	190000	180	0.067 J (0.16)	0.079 J (0.15)	U (0.16)	U (0.16)	U (0.16)	0.034 J (0.14)	U (0.16)	U (0.16)	U (0.15)	0.11 J (0.15)	0.17 J (0.19)	0.35 (0.15)	0.16 (0.16)
Chrysene	760	230	U (0.12)	0.15 (0.11)	0.026 J (0.12)	U (0.12)	U (0.12)	0.056 J (0.11)	U (0.12)	U (0.12)	U (0.11)	0.21 (0.12)	0.22 (0.14)	0.76 (0.11)	0.16 (0.12)
Fluorene	130000	3800	U (0.2)	0.099 J (0.19)	U (0.2)	U (0.2)	U (0.2)	U (0.18)	U (0.2)	U (0.2)	U (0.19)	0.17 J (0.19)	0.11 J (0.24)	0.42 (0.19)	0.064 J (0.2)
Naphthalene	66	25	U (0.2)	0.51 (0.19)	U (0.2)	0.03 J (0.2)	U (0.2)	U (0.18)	U (0.2)	U (0.2)	0.048 J (0.19)	0.75 (0.19)	0.81 (0.24)	1.3 (0.19)	0.51 (0.2)
Phenanthrene	190000	10000	U (0.12)	0.1 J (0.11)	U (0.12)	U (0.12)	U (0.12)	0.098 J (0.11)	U (0.12)	U (0.12)	0.025 J (0.11)	0.36 (0.12)	0.27 (0.14)	1.5 (0.11)	0.28 (0.12)
Pyrene	96000	2200	U (0.12)	0.16 (0.11)	0.033 J (0.12)	U (0.12)	U (0.12)	0.095 J (0.11)	U (0.12)	U (0.12)	0.023 J (0.11)	0.24 (0.12)	0.24 (0.14)	1 (0.11)	0.22 (0.12)
Metals															
Lead	1000	450	6.89 J (11.6)	6.91 (4.53)	5.16 (4.58)	6.7 (2.44)	6.8 (2.34)	255 (2.1)	15.2 J (23.7)	5.36 (2.41)	3.37 (2.15)	3080 (2.32)	3870 (2.81)	9720 (4.51)	6280 (2.36)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AG08-C5	302-AG09-C1	302-AG10-C1	302-AH04-C1	302-AH04-C2	302-AH04-C3	302-AH04-C4	302-AH04-C5	302-AH05-C1	302-AH05-C2	302-AH05-C3	302-AH05-C4	302-AH06-C1
Cell	Direct Contact	Groundwater	302-AG08	302-AG09	302-AG10	302-AH04	302-AH04	302-AH04	302-AH04	302-AH04	302-AH05	302-AH05	302-AH05	302-AH05	302-AH06
Field Sample ID	Value (0-2 ft bgs)	Value	302-AG08-C5-COMP	302-AG09-C1-COMP	302-AG10-C1-COMP	302-AH04-C1-COMP	302-AH04-C2-COMP	302-AH04-C3-COMP	302-AH04-C4-COMP	302-AH04-C5-COMP	302-AH05-C1-COMP	302-AH05-C2-COMP	302-AH05-C3-COMP	302-AH05-C4-COMP	302-AH06-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/30/2022	8/30/2022	8/31/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022	10/19/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	8/23/2022
PAHs															
Anthracene	190000	350	U (0.13)	U (0.11)	0.045 J (0.11)	0.13 (0.12)	0.09 J (0.11)	U (0.13)	0.064 J (0.12)	0.089 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.093 J (0.11)	U (0.12)
Benzo(a)anthracene	130	340	0.05 J (0.13)	U (0.11)	0.13 (0.11)	0.047 J (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.25 (0.11)	0.035 J (0.12)
Benzo(a)pyrene	91	46	U (0.18)	U (0.15)	0.12 J (0.15)	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.38 (0.15)	U (0.15)
Benzo(b)fluoranthene	76	170	0.054 J (0.13)	U (0.11)	0.12 (0.11)	0.05 J (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.41 (0.11)	0.065 J (0.12)
Benzo(g,h,i)perylene	190000	180	0.035 J (0.18)	U (0.15)	0.071 J (0.15)	0.026 J (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.024 J (0.16)	0.26 (0.15)	0.041 J (0.15)
Chrysene	760	230	0.057 J (0.13)	U (0.11)	0.14 (0.11)	0.044 J (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.021 J (0.12)	0.27 (0.11)	0.041 J (0.12)
Fluorene	130000	3800	0.049 J (0.22)	U (0.19)	U (0.19)	0.67 (0.2)	0.43 (0.19)	0.04 J (0.22)	0.52 (0.2)	0.98 (0.2)	U (0.2)	U (0.2)	U (0.19)	0.042 J (0.19)	U (0.19)
Naphthalene	66	25	0.3 (0.22)	U (0.19)	U (0.19)	0.2 (0.2)	0.1 J (0.19)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	0.074 J (0.19)	U (0.19)
Phenanthrene	190000	10000	0.093 J (0.13)	U (0.11)	0.19 (0.11)	1 (0.12)	0.89 (0.11)	0.062 J (0.13)	0.78 (0.12)	1.3 (0.12)	U (0.12)	U (0.12)	U (0.12)	0.28 (0.11)	0.026 J (0.12)
Pyrene	96000	2200	0.069 J (0.13)	U (0.11)	0.27 (0.11)	0.16 (0.12)	0.054 J (0.11)	U (0.13)	0.039 J (0.12)	0.064 J (0.12)	U (0.12)	U (0.12)	0.025 J (0.12)	0.28 (0.11)	0.063 J (0.12)
Metals															
Lead	1000	450	<u>6160 (2.53)</u>	9.87 (2.24)	41.1 (4.58)	128 (2.3)	5.77 (2.22)	14.8 (2.6)	8.31 (2.36)	28 (2.41)	29.3 (2.22)	32.2 (2.35)	7.65 (2.33)	<u>656 (2.22)</u>	7.15 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	302-AH06-C2	302-AH06-C3	302-AH06-C4	302-AH06-C5	302-AH07-C1	302-AH07-C2	302-AH07-C3	302-AH07-C4	302-AH08-C1	302-AH08-C2	302-AH08-C3	302-AH09-C1	302-AI05-C1	
			302-AH06	302-AH06	302-AH06	302-AH06	302-AH07	302-AH07	302-AH07	302-AH07	302-AH08	302-AH08	302-AH08	302-AH08	302-AH09	302-AI05
			302-AH06-C2-COMP	302-AH06-C3-COMP	302-AH06-C4-COMP	302-AH06-C5-COMP	302-AH07-C1-COMP	302-AH07-C2-COMP	302-AH07-C3-COMP	302-AH07-C4-COMP	302-AH08-C1-COMP	302-AH08-C2-COMP	302-AH08-C3-COMP	302-AH08-C3-COMP	302-AH09-C1-COMP	302-AI05-C1-COMP
			8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	10/20/2022	10/20/2022	10/20/2022	8/31/2022
PAHs																
Anthracene	190000	350	0.12 (0.12)	0.23 (0.12)	U (0.11)	U (0.11)	U (0.11)	0.044 J (0.11)	0.053 J (0.1)	0.051 J (0.1)	U (0.11)	0.13 (0.12)	U (0.11)	U (0.12)	U (0.12)	
Benzo(a)anthracene	130	340	0.22 (0.12)	0.21 (0.12)	U (0.11)	U (0.11)	0.028 J (0.11)	0.18 (0.11)	0.2 (0.1)	0.23 (0.1)	0.028 J (0.11)	U (0.12)	0.18 (0.11)	0.084 J (0.12)	U (0.12)	
Benzo(a)pyrene	91	46	0.15 J (0.16)	0.18 (0.16)	U (0.15)	U (0.15)	U (0.14)	0.22 (0.14)	0.2 (0.14)	0.22 (0.14)	0.12 J (0.15)	0.069 J (0.16)	0.16 (0.15)	0.1 J (0.16)	U (0.16)	
Benzo(b)fluoranthene	76	170	0.12 (0.12)	0.23 (0.12)	U (0.11)	U (0.11)	0.036 J (0.11)	0.26 (0.11)	0.24 (0.1)	0.27 (0.1)	0.065 J (0.11)	U (0.12)	0.2 (0.11)	0.11 J (0.12)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	0.063 J (0.16)	0.12 J (0.16)	U (0.15)	U (0.15)	0.021 J (0.14)	0.16 (0.14)	0.15 (0.14)	0.15 (0.14)	0.28 (0.15)	0.16 (0.16)	0.098 J (0.15)	0.07 J (0.16)	U (0.16)	
Chrysene	760	230	0.23 (0.12)	0.22 (0.12)	U (0.11)	U (0.11)	0.026 J (0.11)	0.2 (0.11)	0.2 (0.1)	0.22 (0.1)	0.049 J (0.11)	0.033 J (0.12)	0.16 (0.11)	0.092 J (0.12)	U (0.12)	
Fluorene	130000	3800	0.1 J (0.2)	0.23 (0.2)	U (0.19)	0.026 J (0.19)	U (0.18)	0.021 J (0.18)	0.022 J (0.17)	0.021 J (0.17)	0.035 J (0.19)	0.56 (0.2)	U (0.18)	U (0.2)	0.039 J (0.2)	
Naphthalene	66	25	U (0.2)	0.097 J (0.2)	U (0.19)	U (0.19)	U (0.18)	0.041 J (0.18)	0.034 J (0.17)	0.054 J (0.17)	0.028 J (0.19)	0.11 J (0.2)	U (0.18)	0.04 J (0.2)	U (0.2)	
Phenanthrene	190000	10000	0.44 (0.12)	1.1 (0.12)	U (0.11)	0.042 J (0.11)	0.025 J (0.11)	0.19 (0.11)	0.22 (0.1)	0.19 (0.1)	0.094 J (0.11)	1 (0.12)	0.089 J (0.11)	0.1 J (0.12)	0.056 J (0.12)	
Pyrene	96000	2200	0.32 (0.12)	0.58 (0.12)	U (0.11)	U (0.11)	0.042 J (0.11)	0.31 (0.11)	0.33 (0.1)	0.34 (0.1)	0.04 J (0.11)	0.088 J (0.12)	0.22 (0.11)	0.13 (0.12)	U (0.12)	
Metals																
Lead	1000	450	27.2 (2.3)	6.86 (2.35)	2.59 (2.24)	8.24 (2.21)	20.6 (2.17)	61.4 (2.14)	8.22 (2.04)	32.2 (2.02)	376 (2.26)	37.6 (2.43)	9.4 (2.18)	2200 (2.4)	5.33 (2.35)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AI05-C2	302-AI05-C3	302-AI05-C4	302-AI05-C5	302-AI06-C1	302-AI06-C2	302-AI06-C3	302-AI06-C4	302-AI07-C1	302-AI07-C2	302-AI07-C3	302-AI07-C4	302-AI07-C5
Cell	Direct Contact	Groundwater	302-AI05	302-AI05	302-AI05	302-AI05	302-AI06	302-AI06	302-AI06	302-AI06	302-AI07	302-AI07	302-AI07	302-AI07	302-AI07
Field Sample ID	Value (0-2 ft bgs)	Value	302-AI05-C2-COMP	302-AI05-C3-COMP	302-AI05-C4-COMP	302-AI05-C5-COMP	302-AI06-C1-COMP	302-AI06-C2-COMP	302-AI06-C3-COMP	302-AI06-C4-COMP	302-AI07-C1-COMP	302-AI07-C2-COMP	302-AI07-C3-COMP	302-AI07-C4-COMP	302-AI07-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	10/5/2022	10/5/2022	10/5/2022	10/5/2022	8/24/2022	8/24/2022	8/24/2022	8/24/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022	8/23/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	0.038 J (0.11)	0.9 (0.14)	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	0.13 (0.11)	2.9 (0.14)	U (0.14)	0.033 J (0.12)	U (0.12)	0.14 (0.12)	0.044 J (0.12)	0.039 J (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.17)	0.14 J (0.15)	3.5 (0.18)	U (0.18)	U (0.16)	U (0.16)	0.16 (0.16)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	0.18 (0.11)	3.9 (0.14)	U (0.14)	0.045 J (0.12)	U (0.12)	0.28 (0.12)	0.053 J (0.12)	0.048 J (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.17)	0.079 J (0.15)	1.8 (0.18)	U (0.18)	0.028 J (0.16)	U (0.16)	0.16 (0.16)	0.027 J (0.16)	0.029 J (0.15)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	0.13 (0.11)	2.9 (0.14)	U (0.14)	0.033 J (0.12)	U (0.12)	0.21 (0.12)	0.04 J (0.12)	0.037 J (0.11)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.2)	0.082 J (0.19)	U (0.22)	U (0.19)	0.69 (0.23)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.2)	U (0.19)	U (0.22)	0.03 J (0.19)	0.42 (0.23)	U (0.22)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)
Phenanthrene	190000	10000	U (0.12)	0.027 J (0.11)	U (0.12)	0.11 (0.11)	U (0.13)	0.16 (0.11)	3.2 (0.14)	U (0.14)	0.032 J (0.12)	U (0.12)	0.13 (0.12)	0.043 J (0.12)	0.052 J (0.11)
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.13)	0.21 (0.11)	4.6 (0.14)	U (0.14)	0.053 J (0.12)	U (0.12)	0.25 (0.12)	0.072 J (0.12)	0.071 J (0.11)
Metals															
Lead	1000	450	7.23 (2.38)	11.9 (2.22)	8.51 (2.36)	9.1 (2.23)	31.4 (2.63)	39.5 (2.17)	117 (2.72)	5.87 (2.69)	62.6 (2.46)	72.8 (2.43)	22 (2.39)	28.1 (4.7)	6.24 (4.49)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AI08-C1	302-AI09-C1	302-AJ05-C1	302-AJ05-C2	302-AJ05-C3	302-AJ05-C4	302-AJ05-C5	302-AJ06-C1	302-AJ06-C2	302-AJ06-C3	302-AJ07-C1	302-AJ07-C2	302-AJ07-C3
Cell	Direct Contact	Groundwater	302-AI08	302-AI09	302-AJ05	302-AJ05	302-AJ05	302-AJ05	302-AJ05	302-AJ06	302-AJ06	302-AJ06	302-AJ07	302-AJ07	302-AJ07
Field Sample ID	Value (0-2 ft bgs)	Value	302-AI08-C1-COMP	302-AI09-C1-COMP	302-AJ05-C1-COMP	302-AJ05-C2-COMP	302-AJ05-C3-COMP	302-AJ05-C4-COMP	302-AJ05-C5-COMP	302-AJ06-C1-COMP	302-AJ06-C2-COMP	302-AJ06-C3-COMP	302-AJ07-C1-COMP	302-AJ07-C2-COMP	302-AJ07-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	9/26/2022	9/1/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	8/24/2022	8/24/2022	8/24/2022
PAHs															
Anthracene	190000	350	0.82 (0.11)	U (0.12)	U (0.11)	U (0.12)	0.058 J (0.1)	U (0.12)	U (0.1)	0.12 (0.1)	U (0.12)	U (0.12)	U (0.12)	0.11 J (0.14)	U (0.11)
Benzo(a)anthracene	130	340	0.13 (0.11)	U (0.12)	0.027 J (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	0.15 (0.12)	0.28 (0.14)	0.032 J (0.11)
Benzo(a)pyrene	91	46	0.1 J (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.13)	U (0.13)	U (0.16)	U (0.16)	0.16 (0.16)	0.21 (0.18)	U (0.15)
Benzo(b)fluoranthene	76	170	0.12 (0.11)	U (0.12)	0.044 J (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	0.23 (0.12)	0.22 (0.14)	0.033 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.095 J (0.15)	U (0.15)	0.039 J (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.13)	U (0.13)	U (0.16)	U (0.16)	0.11 J (0.16)	0.082 J (0.18)	U (0.15)
Chrysene	760	230	0.16 (0.11)	U (0.12)	0.029 J (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	0.21 (0.12)	0.24 (0.14)	0.031 J (0.11)
Fluorene	130000	3800	4.1 (0.19)	U (0.19)	U (0.19)	U (0.2)	0.29 (0.17)	0.055 J (0.2)	U (0.17)	0.65 (0.17)	U (0.2)	0.027 J (0.2)	0.021 J (0.2)	0.03 J (0.23)	0.018 J (0.19)
Naphthalene	66	25	16 (0.93)	U (0.19)	0.035 J (0.19)	U (0.2)	0.038 J (0.17)	U (0.2)	U (0.17)	0.1 J (0.17)	U (0.2)	U (0.2)	U (0.2)	U (0.23)	0.033 J (0.19)
Phenanthrene	190000	10000	8.8 (0.56)	U (0.12)	U (0.11)	U (0.12)	0.18 (0.1)	0.082 J (0.12)	0.026 J (0.1)	0.95 (0.1)	U (0.12)	0.092 J (0.12)	0.12 (0.12)	0.34 (0.14)	0.078 J (0.11)
Pyrene	96000	2200	0.76 (0.11)	U (0.12)	0.033 J (0.11)	U (0.12)	0.021 J (0.1)	U (0.12)	U (0.1)	0.066 J (0.1)	U (0.12)	U (0.12)	0.22 (0.12)	0.39 (0.14)	0.075 J (0.11)
Metals															
Lead	1000	450	116 (4.44)	5.12 (2.32)	77.7 (2.31)	14.2 (2.42)	5.93 (2.07)	2.72 (2.37)	3.41 (2.04)	2.65 (1.96)	6.38 (2.3)	7.08 (2.36)	63.9 (2.31)	17.8 (2.67)	12.6 (2.19)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AJ07-C4	302-AJ08-C1	302-AJ08-C2	302-AJ08-C3	302-AK03-C1	302-AK03-C2	302-AK03-C3	302-AK03-C4	302-AK03-C5	302-AK04-C1	302-AK04-C2	302-AK04-C3	302-AK05-C1
Cell	Direct Contact	Groundwater	302-AJ07	302-AJ08	302-AJ08	302-AJ08	302-AK03	302-AK03	302-AK03	302-AK03	302-AK03	302-AK04	302-AK04	302-AK04	302-AK05
Field Sample ID	Value (0-2 ft bgs)	Value	302-AJ07-C4-COMP	302-AJ08-C1-COMP	302-AJ08-C2-COMP	302-AJ08-C3-COMP	302-AK03-C1-COMP	302-AK03-C2-COMP	302-AK03-C3-COMP	302-AK03-C4-COMP	302-AK03-C5-COMP	302-AK04-C1-COMP	302-AK04-C2-COMP	302-AK04-C3-COMP	302-AK05-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/24/2022	8/24/2022	8/24/2022	8/24/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	8/25/2022
PAHs															
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	0.089 J (0.11)
Benzo(a)anthracene	130	340	0.021 J (0.11)	U (0.11)	0.021 J (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	0.038 J (0.11)	U (0.12)	0.28 (0.11)
Benzo(a)pyrene	91	46	U (0.15)	U (0.15)	U (0.14)	U (0.15)	U (0.14)	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.16)	0.048 J (0.15)	U (0.17)	0.29 (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	U (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	0.057 J (0.11)	U (0.12)	0.31 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.15)	U (0.14)	U (0.15)	U (0.14)	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.16)	0.033 J (0.15)	U (0.17)	0.14 J (0.15)
Chrysene	760	230	U (0.11)	U (0.11)	0.031 J (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	0.042 J (0.11)	U (0.12)	0.26 (0.11)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.18)	U (0.19)	U (0.18)	U (0.18)	U (0.17)	U (0.18)	U (0.18)	U (0.2)	U (0.19)	U (0.21)	0.039 J (0.19)
Naphthalene	66	25	0.025 J (0.19)	U (0.19)	U (0.18)	U (0.19)	U (0.18)	U (0.18)	U (0.17)	U (0.18)	U (0.18)	U (0.2)	0.032 J (0.19)	U (0.21)	0.031 J (0.19)
Phenanthrene	190000	10000	0.041 J (0.11)	U (0.11)	0.056 J (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	0.036 J (0.11)	U (0.12)	0.35 (0.11)
Pyrene	96000	2200	0.037 J (0.11)	U (0.11)	0.033 J (0.1)	U (0.11)	U (0.11)	U (0.1)	U (0.1)	U (0.11)	U (0.11)	U (0.12)	0.053 J (0.11)	U (0.12)	0.37 (0.11)
Metals															
Lead	1000	450	156 (2.24)	123 (2.23)	13.4 (2.13)	6.02 (2.18)	2.32 (2.11)	2.59 (2)	2.19 (2)	7.02 (4.31)	5.63 (2.14)	12.3 (2.42)	823 (2.25)	137 (2.49)	33.2 (2.24)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AK05-C2	302-AK05-C3	302-AK05-C4	302-AK05-C5	302-AK07-C1	302-AK07-C2	302-AK07-C3	302-AK08-C1	302-AL03-C1	302-AL03-C2	302-AL03-C3	302-AL05-C1	302-AL05-C2
Cell	Direct Contact	Groundwater	302-AK05	302-AK05	302-AK05	302-AK05	302-AK07	302-AK07	302-AK07	302-AK08	302-AL03	302-AL03	302-AL03	302-AL05	302-AL05
Field Sample ID	Value (0-2 ft bgs)	Value	302-AK05-C2-COMP	302-AK05-C3-COMP	302-AK05-C4-COMP	302-AK05-C5-COMP	302-AK07-C1-COMP	302-AK07-C2-COMP	302-AK07-C3-COMP	302-AK08-C1-COMP	302-AL03-C1-COMP	302-AL03-C2-COMP	302-AL03-C3-COMP	302-AL05-C1-COMP	302-AL05-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	8/25/2022	8/25/2022	8/25/2022	8/25/2022	10/14/2022	10/14/2022	10/14/2022	9/1/2022	10/4/2022	10/4/2022	10/4/2022	8/25/2022	8/25/2022
PAHs															
Anthracene	190000	350	0.079 J (0.14)	U (0.12)	0.42 (0.11)	0.12 (0.12)	U (0.13)	0.52 (0.11)	1.5 (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	0.35 (0.11)	0.79 (0.15)
Benzo(a)anthracene	130	340	0.2 (0.14)	0.16 (0.12)	0.31 (0.11)	0.15 (0.12)	0.075 J (0.13)	1.2 (0.11)	3.5 (0.12)	U (0.12)	0.07 J (0.11)	0.055 J (0.11)	U (0.12)	0.79 (0.11)	2.4 (0.15)
Benzo(a)pyrene	91	46	0.22 (0.18)	0.2 (0.16)	0.3 (0.15)	0.24 (0.17)	0.097 J (0.17)	1.2 (0.15)	3.5 (0.16)	U (0.15)	0.081 J (0.15)	0.07 J (0.14)	U (0.15)	0.63 (0.15)	2.6 (0.2)
Benzo(b)fluoranthene	76	170	0.24 (0.14)	0.21 (0.12)	0.32 (0.11)	0.22 (0.12)	0.12 J (0.13)	1.5 (0.11)	4.2 (0.12)	U (0.12)	0.1 J (0.11)	0.083 J (0.11)	U (0.12)	0.7 (0.11)	2.8 (0.15)
Benzo(g,h,i)perylene	190000	180	0.12 J (0.18)	0.11 J (0.16)	0.15 (0.15)	0.13 J (0.17)	0.064 J (0.17)	0.67 (0.15)	2.2 (0.16)	U (0.15)	0.065 J (0.15)	0.051 J (0.14)	0.039 J (0.15)	0.26 (0.15)	1.3 (0.2)
Chrysene	760	230	0.19 (0.14)	0.15 (0.12)	0.28 (0.11)	0.13 (0.12)	0.072 J (0.13)	1.2 (0.11)	3 (0.12)	U (0.12)	0.075 J (0.11)	0.062 J (0.11)	0.067 J (0.12)	0.67 (0.11)	2.2 (0.15)
Fluorene	130000	3800	0.022 J (0.23)	U (0.2)	1.6 (0.19)	0.18 J (0.21)	0.024 J (0.21)	0.23 (0.18)	0.78 (0.19)	U (0.19)	U (0.19)	U (0.18)	0.069 J (0.19)	0.16 J (0.19)	0.35 (0.25)
Naphthalene	66	25	U (0.23)	U (0.2)	1.2 (0.19)	0.48 (0.21)	0.086 J (0.21)	0.11 J (0.18)	0.89 (0.19)	U (0.19)	0.029 J (0.19)	0.031 J (0.18)	U (0.19)	0.047 J (0.19)	0.19 J (0.25)
Phenanthrene	190000	10000	0.23 (0.14)	0.12 (0.12)	2.9 (0.11)	0.36 (0.12)	0.063 J (0.13)	2 (0.11)	5.2 (0.12)	U (0.12)	0.054 J (0.11)	0.036 J (0.11)	0.18 (0.12)	1.2 (0.11)	2.7 (0.15)
Pyrene	96000	2200	0.26 (0.14)	0.16 (0.12)	0.53 (0.11)	0.17 (0.12)	0.077 J (0.13)	2.2 (0.11)	5.3 (0.12)	U (0.12)	0.089 J (0.11)	0.08 J (0.11)	0.026 J (0.12)	1.1 (0.11)	3.4 (0.15)
Metals															
Lead	1000	450	80.7 (2.68)	74.5 (2.42)	147 (2.3)	330 (2.5)	12.5 (2.47)	337 (2.19)	282 (2.34)	5.29 (4.65)	150 (2.27)	418 (2.05)	3.08 (2.29)	480 (2.18)	380 (2.93)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	302-AL05-C3	302-AL05-C4	302-AL07-C1	302-AL07-C2	302-AL07-C3	302-AL08-C1	302-AM02-C1	302-AM02-C2	302-AM02-C3	302-AM02-C4	302-AM02-C5	302-AM03-C1	302-AM03-C2	
			302-AL05	302-AL05	302-AL07	302-AL07	302-AL07	302-AL08	302-AM02	302-AM02	302-AM02	302-AM02	302-AM02	302-AM02	302-AM03	302-AM03
			302-AL05-C3-COMP	302-AL05-C4-COMP	302-AL07-C1-COMP	302-AL07-C2-COMP	302-AL07-C3-COMP	302-AL08-C1-COMP	302-AM02-C1-COMP	302-AM02-C2-COMP	302-AM02-C3-COMP	302-AM02-C4-COMP	302-AM02-C5-COMP	302-AM03-C1-COMP	302-AM03-C2-COMP	
			8/25/2022	8/25/2022	10/14/2022	10/14/2022	10/14/2022	9/1/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	8/25/2022	8/25/2022	
PAHs																
Anthracene	190000	350	U (0.11)	0.17 (0.11)	0.4 (0.12)	0.065 J (0.11)	0.065 J (0.12)	U (0.13)	0.039 J (0.11)	0.13 (0.12)	U (0.11)	0.71 (0.11)	U (0.11)	U (0.11)	0.93 (0.11)	
Benzo(a)anthracene	130	340	U (0.11)	0.63 (0.11)	0.14 (0.12)	U (0.11)	U (0.12)	U (0.13)	0.092 J (0.11)	0.35 (0.12)	0.057 J (0.11)	1.4 (0.11)	0.031 J (0.11)	0.052 J (0.11)	1.6 (0.11)	
Benzo(a)pyrene	91	46	U (0.15)	0.79 (0.14)	0.087 J (0.16)	U (0.15)	U (0.16)	U (0.17)	0.09 J (0.15)	0.36 (0.15)	0.06 J (0.15)	1.2 (0.14)	U (0.14)	0.055 J (0.14)	1.3 (0.15)	
Benzo(b)fluoranthene	76	170	U (0.11)	1 (0.11)	0.12 (0.12)	U (0.11)	U (0.12)	U (0.13)	0.11 (0.11)	0.42 (0.12)	0.065 J (0.11)	1.6 (0.11)	0.036 J (0.11)	0.066 J (0.11)	1.6 (0.11)	
Benzo(g,h,i)perylene	190000	180	U (0.15)	0.67 (0.14)	0.059 J (0.16)	U (0.15)	U (0.16)	U (0.17)	0.068 J (0.15)	0.22 (0.15)	0.049 J (0.15)	0.75 (0.14)	0.032 J (0.14)	0.035 J (0.14)	0.62 (0.15)	
Chrysene	760	230	U (0.11)	0.68 (0.11)	0.17 (0.12)	0.025 J (0.11)	U (0.12)	U (0.13)	0.095 J (0.11)	0.4 (0.12)	0.053 J (0.11)	1.3 (0.11)	0.035 J (0.11)	0.05 J (0.11)	1.4 (0.11)	
Fluorene	130000	3800	U (0.19)	0.044 J (0.18)	1.5 (0.2)	0.28 (0.18)	0.26 (0.2)	U (0.21)	U (0.19)	0.098 J (0.19)	U (0.19)	0.43 (0.18)	U (0.18)	U (0.18)	0.42 (0.18)	
Naphthalene	66	25	U (0.19)	0.27 (0.18)	0.32 (0.2)	0.098 J (0.18)	0.097 J (0.2)	U (0.21)	0.029 J (0.19)	0.13 J (0.19)	U (0.19)	0.14 J (0.18)	U (0.18)	U (0.18)	0.16 J (0.18)	
Phenanthrene	190000	10000	U (0.11)	0.45 (0.11)	3.6 (0.12)	0.57 (0.11)	0.51 (0.12)	U (0.13)	0.097 J (0.11)	0.98 (0.12)	0.087 J (0.11)	3.2 (0.11)	0.026 J (0.11)	0.046 J (0.11)	2.8 (0.11)	
Pyrene	96000	2200	U (0.11)	0.87 (0.11)	0.38 (0.12)	0.042 J (0.11)	0.037 J (0.12)	U (0.13)	0.12 (0.11)	0.78 (0.12)	0.092 J (0.11)	2.7 (0.11)	0.044 J (0.11)	0.073 J (0.11)	2.7 (0.11)	
Metals																
Lead	1000	450	19.5 (2.24)	41.2 (2.17)	27.3 (2.35)	7.76 (2.2)	2.02 J (2.33)	38.2 (24.6)	65.2 (2.25)	116 (2.31)	33 (2.25)	64 (2.14)	229 (2.13)	77.5 (2.14)	29.2 (2.2)	

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AM03-C3	302-AM03-C4	302-AM04-C1	302-AM04-C2	302-AM04-C3	302-AM04-C4	302-AM04-C5	302-AM05-C1	302-AM05-C2	302-AM05-C3	302-AM06-C1	302-AN01-C1	302-AN01-C2
Cell	Direct Contact	Groundwater	302-AM03	302-AM03	302-AM04	302-AM04	302-AM04	302-AM04	302-AM04	302-AM05	302-AM05	302-AM05	302-AM06	302-AN01	302-AN01
Field Sample ID	Value (0-2 ft bgs)	Value	302-AM03-C3-COMP	302-AM03-C4-COMP	302-AM04-C1-COMP	302-AM04-C2-COMP	302-AM04-C3-COMP	302-AM04-C4-COMP	302-AM04-C5-COMP	302-AM05-C1-COMP	302-AM05-C2-COMP	302-AM05-C3-COMP	302-AM06-C1-COMP	302-AN01-C1-COMP	302-AN01-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	8/25/2022	8/25/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	9/2/2022	10/6/2022	10/6/2022
PAHs															
Anthracene	190000	350	0.088 J (0.13)	U (0.12)	0.12 J (0.13)	0.19 (0.12)	0.12 (0.11)	0.25 (0.12)	0.2 (0.12)	U (0.12)	0.06 J (0.12)	0.079 J (0.12)	U (0.12)	U (0.11)	U (0.1)
Benzo(a)anthracene	130	340	0.064 J (0.13)	U (0.12)	0.16 (0.13)	0.12 (0.12)	0.11 (0.11)	0.038 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.042 J (0.11)	0.02 J (0.1)
Benzo(a)pyrene	91	46	U (0.18)	U (0.16)	0.16 J (0.18)	0.087 J (0.16)	0.1 J (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.049 J (0.15)	U (0.14)
Benzo(b)fluoranthene	76	170	0.054 J (0.13)	U (0.12)	0.19 (0.13)	0.12 (0.12)	0.1 J (0.11)	0.04 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.056 J (0.11)	U (0.1)
Benzo(g,h,i)perylene	190000	180	0.026 J (0.18)	U (0.16)	0.059 J (0.18)	0.031 J (0.16)	0.039 J (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.031 J (0.15)	U (0.14)
Chrysene	760	230	0.061 J (0.13)	U (0.12)	0.14 (0.13)	0.12 (0.12)	0.12 (0.11)	0.061 J (0.12)	0.038 J (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.042 J (0.11)	0.026 J (0.1)
Fluorene	130000	3800	0.26 (0.22)	U (0.2)	0.23 (0.22)	2.6 (0.2)	2.5 (0.19)	1.8 (0.19)	1.6 (0.2)	U (0.2)	0.4 (0.2)	0.37 (0.2)	U (0.2)	U (0.18)	U (0.17)
Naphthalene	66	25	0.056 J (0.22)	U (0.2)	0.084 J (0.22)	1.1 (0.2)	0.54 (0.19)	0.43 (0.19)	0.24 (0.2)	U (0.2)	2.7 (0.2)	1.1 (0.2)	U (0.2)	U (0.18)	U (0.17)
Phenanthrene	190000	10000	0.55 (0.13)	U (0.12)	0.64 (0.13)	6.1 (0.12)	5.7 (0.11)	4 (0.12)	2.9 (0.12)	U (0.12)	0.82 (0.12)	0.95 (0.12)	U (0.12)	0.03 J (0.11)	U (0.1)
Pyrene	96000	2200	0.13 (0.13)	U (0.12)	0.32 (0.13)	0.46 (0.12)	0.37 (0.11)	0.17 (0.12)	0.1 J (0.12)	0.025 J (0.12)	0.043 J (0.12)	0.05 J (0.12)	U (0.12)	0.061 J (0.11)	0.019 J (0.1)
Metals															
Lead	1000	450	3.84 (2.63)	32.6 (2.39)	82.2 (2.6)	15.9 (2.31)	5.64 (2.22)	5.8 (2.22)	8.2 (2.34)	492 (2.29)	6.79 (2.33)	6.07 (2.42)	3.27 (2.35)	13.8 (2.15)	38.8 (2)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AN01-C3	302-AN01-C4	302-AN01-C5	302-AN03-C1	302-AN03-C2	302-AN03-C3	302-AN03-C4	302-AN04-C1	302-AO02-C1	302-AO02-C2	302-AO04-C1	302-AO04-C2	302-AO04-C3	
Cell	Direct Contact	Groundwater	302-AN01	302-AN01	302-AN01	302-AN03	302-AN03	302-AN03	302-AN03	302-AN04	302-AO02	302-AO02	302-AO04	302-AO04	302-AO04	
Field Sample ID	Value (0-2 ft bgs)	Value	302-AN01-C3-COMP	302-AN01-C4-COMP	302-AN01-C5-COMP	302-AN03-C1-COMP	302-AN03-C2-COMP	302-AN03-C3-COMP	302-AN03-C4-COMP	302-AN04-C1-COMP	302-AO02-C1-COMP	302-AO02-C2-COMP	302-AO04-C1-COMP	302-AO04-C2-COMP	302-AO04-C3-COMP	
Sample Date	(mg/kg)	(mg/kg)	10/6/2022	10/6/2022	10/6/2022	10/13/2022	10/13/2022	10/13/2022	10/13/2022	9/2/2022	10/6/2022	10/6/2022	10/12/2022	10/12/2022	10/12/2022	
PAHs																
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.12)	U (0.11)	0.055 J (0.11)	U (0.11)	0.039 J (0.12)	U (0.11)	0.081 J (0.11)	0.15 (0.11)	U (0.11)	U (0.12)	U (0.12)	
Benzo(a)anthracene	130	340	0.058 J (0.11)	U (0.12)	U (0.12)	0.069 J (0.11)	0.11 (0.11)	0.076 J (0.11)	U (0.12)	U (0.11)	0.15 (0.11)	0.27 (0.11)	U (0.11)	U (0.12)	U (0.12)	
Benzo(a)pyrene	91	46	0.062 J (0.15)	U (0.17)	U (0.16)	0.098 J (0.15)	0.14 J (0.15)	0.11 J (0.15)	U (0.16)	U (0.15)	0.2 (0.15)	0.23 (0.15)	U (0.15)	U (0.15)	U (0.16)	
Benzo(b)fluoranthene	76	170	0.076 J (0.11)	U (0.12)	U (0.12)	0.1 J (0.11)	0.17 (0.11)	0.083 J (0.11)	U (0.12)	U (0.11)	0.19 (0.11)	0.3 (0.11)	U (0.11)	U (0.12)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	0.028 J (0.15)	U (0.17)	U (0.16)	0.076 J (0.15)	0.12 J (0.15)	0.059 J (0.15)	U (0.16)	U (0.15)	0.28 (0.15)	0.12 J (0.15)	U (0.15)	U (0.15)	U (0.16)	
Chrysene	760	230	0.098 J (0.11)	U (0.12)	U (0.12)	0.082 J (0.11)	0.18 (0.11)	0.082 J (0.11)	U (0.12)	U (0.11)	0.18 (0.11)	0.29 (0.11)	U (0.11)	U (0.12)	U (0.12)	
Fluorene	130000	3800	U (0.19)	U (0.21)	U (0.19)	U (0.18)	0.07 J (0.19)	U (0.18)	0.24 (0.2)	U (0.18)	U (0.18)	0.055 J (0.19)	U (0.19)	U (0.19)	U (0.2)	
Naphthalene	66	25	U (0.19)	U (0.21)	U (0.19)	0.14 J (0.18)	0.06 J (0.19)	0.08 J (0.18)	0.041 J (0.2)	U (0.18)	0.16 J (0.18)	0.046 J (0.19)	U (0.19)	U (0.19)	0.12 J (0.2)	
Phenanthrene	190000	10000	0.056 J (0.11)	U (0.12)	U (0.12)	0.12 (0.11)	0.28 (0.11)	0.14 (0.11)	0.41 (0.12)	U (0.11)	0.2 (0.11)	0.53 (0.11)	U (0.11)	U (0.12)	U (0.12)	
Pyrene	96000	2200	0.072 J (0.11)	U (0.12)	U (0.12)	0.1 J (0.11)	0.23 (0.11)	0.14 (0.11)	0.037 J (0.12)	U (0.11)	0.22 (0.11)	0.49 (0.11)	0.031 J (0.11)	0.025 J (0.12)	0.026 J (0.12)	
Metals																
Lead	1000	450	26.1 (2.24)	60.9 (2.44)	25.2 (2.27)	197 (2.16)	839 (2.25)	989 (2.15)	79.5 (2.41)	5.15 (2.22)	181 (2.21)	15.9 (2.22)	39.7 (2.14)	38.1 (2.3)	10.4 (2.29)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AO04-C4	302-AO05-C1	302-AO05-C2	302-AO05-C3	302-AO06-C1	302-AP02-C1	302-AP02-C2	302-AP02-C3	302-AP03-C1	302-AP03-C2	302-AP03-C3	302-AP03-C4	302-AP03-C5
Cell	Direct Contact	Groundwater	302-AO04	302-AO05	302-AO05	302-AO05	302-AO06	302-AP02	302-AP02	302-AP02	302-AP03	302-AP03	302-AP03	302-AP03	302-AP03
Field Sample ID	Value (0-2 ft bgs)	Value	302-AO04-C4-COMP	302-AO05-C1-COMP	302-AO05-C2-COMP	302-AO05-C3-COMP	302-AO06-C1-COMP	302-AP02-C1-COMP	302-AP02-C2-COMP	302-AP02-C3-COMP	302-AP03-C1-COMP	302-AP03-C2-COMP	302-AP03-C3-COMP	302-AP03-C4-COMP	302-AP03-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	10/12/2022	10/12/2022	10/12/2022	10/12/2022	9/2/2022	10/11/2022	10/11/2022	10/11/2022	10/14/2022	10/14/2022	10/14/2022	10/14/2022	10/14/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)	0.81 (0.11)	0.04 J (0.11)	U (0.11)	0.65 (0.1)	0.093 J (0.11)
Benzo(a)anthracene	130	340	0.025 J (0.12)	0.026 J (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)	2.2 (0.11)	0.14 (0.11)	U (0.11)	1.7 (0.1)	0.3 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.15)	U (0.15)	2.4 (0.15)	0.15 (0.14)	U (0.15)	1.8 (0.14)	0.3 (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)	3.1 (0.11)	0.17 (0.11)	U (0.11)	2.2 (0.1)	0.38 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.15)	U (0.15)	1.6 (0.15)	0.094 J (0.14)	0.025 J (0.15)	1.1 (0.14)	0.22 (0.14)
Chrysene	760	230	0.028 J (0.12)	0.022 J (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)	2 (0.11)	0.13 (0.11)	0.024 J (0.11)	1.6 (0.1)	0.3 (0.11)
Fluorene	130000	3800	0.1 J (0.21)	U (0.2)	U (0.19)	U (0.19)	U (0.21)	U (0.19)	U (0.19)	U (0.18)	0.33 (0.19)	0.022 J (0.18)	U (0.18)	0.35 (0.18)	0.059 J (0.18)
Naphthalene	66	25	1.8 (0.21)	U (0.2)	U (0.19)	U (0.19)	U (0.21)	U (0.19)	U (0.19)	U (0.18)	0.55 (0.19)	0.048 J (0.18)	U (0.18)	0.34 (0.18)	0.1 J (0.18)
Phenanthrene	190000	10000	0.2 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)	2.3 (0.11)	0.13 (0.11)	U (0.11)	2.4 (0.1)	0.34 (0.11)
Pyrene	96000	2200	0.043 J (0.12)	0.048 J (0.12)	0.04 J (0.12)	0.038 J (0.12)	U (0.13)	0.022 J (0.11)	U (0.11)	U (0.11)	3.4 (0.11)	0.19 (0.11)	0.028 J (0.11)	2.6 (0.1)	0.46 (0.11)
Metals															
Lead	1000	450	11.5 (2.47)	96 (2.42)	7.03 (2.33)	9.93 (2.32)	12.5 (2.4)	36 (2.27)	13.2 (2.19)	17.3 (2.19)	226 (2.22)	289 (2.08)	341 (2.22)	7.87 (2.06)	118 (2.2)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil	Non-Residential Soil to	302-AP04-C1	302-AP04-C2	302-AP05-C1	302-AQ01-C1	302-AQ01-C2	302-AQ01-C3	302-AQ03-C1	302-AQ03-C2	302-AQ04-C1	302-AQ04-C2	302-AR01-C1	302-AR01-C2	302-AR01-C3
	Direct Contact	Groundwater	302-AP04	302-AP04	302-AP05	302-AQ01	302-AQ01	302-AQ01	302-AQ03	302-AQ03	302-AQ04	302-AQ04	302-AR01	302-AR01	302-AR01
	Value (0-2 ft bgs)	Value	302-AP04-C1-COMP	302-AP04-C2-COMP	302-AP05-C1-COMP	302-AQ01-C1-COMP	302-AQ01-C2-COMP	302-AQ01-C3-COMP	302-AQ03-C1-COMP	302-AQ03-C2-COMP	302-AQ04-C1-COMP	302-AQ04-C2-COMP	302-AR01-C1-COMP	302-AR01-C2-COMP	302-AR01-C3-COMP
	(mg/kg)	(mg/kg)	10/12/2022	10/12/2022	9/12/2022	10/7/2022	10/7/2022	10/7/2022	9/19/2022	9/19/2022	9/12/2022	9/12/2022	10/7/2022	10/7/2022	10/7/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.11)	0.34 (0.1)	U (0.1)	U (0.12)	0.041 J (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.13 J (0.21)	U (0.14)
Benzo(a)anthracene	130	340	0.049 J (0.12)	0.027 J (0.12)	U (0.11)	1.5 (0.1)	U (0.1)	0.11 J (0.12)	0.049 J (0.12)	U (0.12)	U (0.11)	U (0.12)	0.12 (0.12)	0.4 (0.21)	U (0.14)
Benzo(a)pyrene	91	46	U (0.16)	U (0.17)	U (0.15)	1.4 (0.14)	U (0.14)	0.13 J (0.16)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	0.13 J (0.16)	0.58 (0.28)	U (0.19)
Benzo(b)fluoranthene	76	170	0.054 J (0.12)	U (0.12)	U (0.11)	1.6 (0.1)	U (0.1)	0.16 (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.22 (0.12)	0.88 (0.21)	U (0.14)
Benzo(g,h,i)perylene	190000	180	0.038 J (0.16)	U (0.17)	U (0.15)	0.7 (0.14)	U (0.14)	0.089 J (0.16)	0.038 J (0.16)	U (0.16)	U (0.15)	U (0.15)	0.089 J (0.16)	0.42 (0.28)	U (0.19)
Chrysene	760	230	0.047 J (0.12)	0.024 J (0.12)	U (0.11)	1.5 (0.1)	U (0.1)	0.12 (0.12)	0.044 J (0.12)	U (0.12)	U (0.11)	U (0.12)	0.14 (0.12)	0.68 (0.21)	U (0.14)
Fluorene	130000	3800	0.031 J (0.2)	0.097 J (0.21)	U (0.18)	0.083 J (0.17)	U (0.18)	U (0.2)	0.067 J (0.2)	0.039 J (0.2)	U (0.19)	U (0.19)	U (0.19)	0.075 J (0.35)	U (0.24)
Naphthalene	66	25	0.18 J (0.2)	1.1 (0.21)	U (0.18)	0.024 J (0.17)	U (0.18)	0.024 J (0.2)	0.038 J (0.2)	U (0.2)	U (0.19)	U (0.19)	0.028 J (0.19)	0.12 J (0.35)	U (0.24)
Phenanthrene	190000	10000	0.088 J (0.12)	0.18 (0.12)	U (0.11)	1.6 (0.1)	U (0.1)	0.12 (0.12)	0.24 (0.12)	0.067 J (0.12)	U (0.11)	U (0.12)	0.034 J (0.12)	0.54 (0.21)	U (0.14)
Pyrene	96000	2200	0.081 J (0.12)	0.061 J (0.12)	0.019 J (0.11)	2.6 (0.1)	U (0.1)	0.17 (0.12)	0.11 J (0.12)	U (0.12)	U (0.11)	U (0.12)	0.14 (0.12)	0.91 (0.21)	U (0.14)
Metals															
Lead	1000	450	23.5 (2.31)	6.17 (2.35)	7.46 (2.13)	56.1 (1.98)	8.89 (2.08)	136 (22.6)	8.54 (2.44)	6.54 (2.43)	5.3 (2.22)	0.96 J (2.24)	4.78 (2.29)	2270 (4.18)	11 (2.69)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AR03-C1	302-AR03-C2	302-AR03-C3	302-AR03-C4	302-AR03-C5	302-AR04-C1	302-AR04-C2	302-AS01-C1	302-AS01-C2	302-AS01-C3	302-AS01-C4	302-AS04-C1	302-AS04-C2
Cell	Direct Contact	Groundwater	302-AR03	302-AR03	302-AR03	302-AR03	302-AR03	302-AR04	302-AR04	302-AS01	302-AS01	302-AS01	302-AS01	302-AS04	302-AS04
Field Sample ID	Value (0-2 ft bgs)	Value	302-AR03-C1-COMP	302-AR03-C2-COMP	302-AR03-C3-COMP	302-AR03-C4-COMP	302-AR03-C5-COMP	302-AR04-C1-COMP	302-AR04-C2-COMP	302-AS01-C1-COMP	302-AS01-C2-COMP	302-AS01-C3-COMP	302-AS01-C4-COMP	302-AS04-C1-COMP	302-AS04-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	9/19/2022	9/19/2022	9/19/2022	9/19/2022	9/19/2022	9/13/2022	9/13/2022	10/7/2022	10/7/2022	10/7/2022	10/7/2022	9/21/2022	9/21/2022
PAHs															
Anthracene	190000	350	U (0.12)	0.13 (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.35)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.054 J (0.12)	0.37 (0.12)	0.043 J (0.12)	U (0.12)	0.022 J (0.12)	0.26 (0.12)	U (0.12)	U (0.35)	0.022 J (0.12)	U (0.11)	U (0.12)	U (0.12)	0.022 J (0.12)
Benzo(a)pyrene	91	46	0.053 J (0.16)	0.35 (0.15)	U (0.16)	U (0.17)	U (0.16)	0.24 (0.16)	U (0.16)	U (0.47)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	0.065 J (0.12)	0.41 (0.12)	0.044 J (0.12)	U (0.12)	U (0.12)	0.32 (0.12)	U (0.12)	U (0.35)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.033 J (0.16)	0.26 (0.15)	U (0.16)	U (0.17)	U (0.16)	0.13 J (0.16)	U (0.16)	U (0.47)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	U (0.16)
Chrysene	760	230	0.056 J (0.12)	0.33 (0.12)	0.036 J (0.12)	U (0.12)	U (0.12)	0.22 (0.12)	U (0.12)	U (0.35)	U (0.12)	U (0.11)	U (0.12)	U (0.12)	0.023 J (0.12)
Fluorene	130000	3800	U (0.2)	0.043 J (0.19)	U (0.2)	U (0.21)	0.021 J (0.2)	U (0.2)	U (0.2)	U (0.59)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.2)
Naphthalene	66	25	U (0.2)	0.096 J (0.19)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	U (0.2)	U (0.59)	U (0.2)	U (0.19)	U (0.2)	U (0.19)	U (0.2)
Phenanthrene	190000	10000	0.14 (0.12)	0.65 (0.12)	0.062 J (0.12)	U (0.12)	0.055 J (0.12)	0.1 J (0.12)	U (0.12)	U (0.35)	0.028 J (0.12)	U (0.11)	U (0.12)	U (0.12)	U (0.12)
Pyrene	96000	2200	0.12 (0.12)	0.72 (0.12)	0.063 J (0.12)	U (0.12)	0.029 J (0.12)	0.3 (0.12)	U (0.12)	U (0.35)	0.028 J (0.12)	U (0.11)	U (0.12)	U (0.12)	0.032 J (0.12)
Metals															
Lead	1000	450	15.2 (2.36)	712 (2.3)	51.4 (2.38)	43.4 (2.39)	56.8 (2.32)	86.6 (2.35)	5.52 (2.37)	9.22 (2.39)	7.8 (2.27)	6.83 (4.34)	3.98 (2.26)	70.4 (4.52)	11.9 (4.58)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil	Non-Residential Soil to	302-AS04-C3	302-AS04-C4	302-AS04-C5	302-AS05-C1	302-AS05-C2	302-AS05-C3	302-AS05-C4	302-AS06-C1	302-AT01-C1	302-AT01-C2	302-AT01-C3	302-AT02-C1	302-AT02-C2
	Direct Contact	Groundwater	302-AS04	302-AS04	302-AS04	302-AS05	302-AS05	302-AS05	302-AS05	302-AS06	302-AT01	302-AT01	302-AT01	302-AT02	302-AT02
	Numeric	Numeric	302-AS04-C3-COMP	302-AS04-C4-COMP	302-AS04-C5-COMP	302-AS05-C1-COMP	302-AS05-C2-COMP	302-AS05-C3-COMP	302-AS05-C4-COMP	302-AS06-C1-COMP	302-AT01-C1-COMP	302-AT01-C2-COMP	302-AT01-C3-COMP	302-AT02-C1-COMP	302-AT02-C2-COMP
	Value (0-2 ft bgs)	Value	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/21/2022	9/13/2022	10/11/2022	10/11/2022	10/11/2022	10/20/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	0.12 (0.12)	0.13 (0.11)	0.056 J (0.12)	0.04 J (0.12)	U (0.12)	U (0.11)	7.9 (1.1)	U (0.11)	U (0.1)	U (0.12)
Benzo(a)anthracene	130	340	U (0.12)	0.048 J (0.11)	0.12 (0.11)	0.4 (0.12)	0.034 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	12 (1.1)	0.037 J (0.11)	U (0.1)	U (0.12)
Benzo(a)pyrene	91	46	U (0.16)	0.052 J (0.15)	0.13 J (0.15)	0.37 (0.15)	U (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.15)	5.2 (0.14)	U (0.15)	U (0.14)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.12)	0.066 J (0.11)	0.18 (0.11)	0.42 (0.12)	0.044 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	17 (1.1)	0.059 J (0.11)	U (0.1)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.038 J (0.15)	0.098 J (0.15)	0.26 (0.15)	0.032 J (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.15)	3 (0.14)	0.038 J (0.15)	U (0.14)	U (0.16)
Chrysene	760	230	U (0.12)	0.057 J (0.11)	0.13 (0.11)	0.4 (0.12)	0.03 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	15 (1.1)	0.041 J (0.11)	U (0.1)	U (0.12)
Fluorene	130000	3800	U (0.2)	U (0.19)	0.048 J (0.19)	0.084 J (0.19)	0.5 (0.19)	0.12 J (0.2)	0.12 J (0.21)	U (0.2)	U (0.18)	2.7 (0.18)	U (0.19)	U (0.17)	U (0.2)
Naphthalene	66	25	U (0.2)	U (0.19)	0.062 J (0.19)	0.091 J (0.19)	0.036 J (0.19)	U (0.2)	U (0.21)	U (0.2)	U (0.18)	0.27 (0.18)	U (0.19)	U (0.17)	U (0.2)
Phenanthrene	190000	10000	U (0.12)	0.079 J (0.11)	0.26 (0.11)	0.46 (0.12)	0.85 (0.11)	U (0.12)	0.042 J (0.12)	U (0.12)	U (0.11)	22 (1.1)	0.03 J (0.11)	U (0.1)	U (0.12)
Pyrene	96000	2200	U (0.12)	0.088 J (0.11)	0.2 (0.11)	0.7 (0.12)	0.062 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	27 (1.1)	0.029 J (0.11)	U (0.1)	U (0.12)
Metals															
Lead	1000	450	9.73 (4.78)	663 (4.52)	225 (4.4)	151 (4.41)	24.5 (4.53)	5.16 (4.58)	5.69 (4.84)	4.18 (2.38)	6.87 (2.21)	9.62 (2.1)	274 (2.17)	3.06 (2.12)	24.5 (2.3)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AT02-C3	302-AT02-C4	302-AT02-C5	302-AT03-C1	302-AT03-C2	302-AT03-C3	302-AT03-C4	302-AT03-C5	302-AT04-C1	302-AT04-C2	302-AT05-C1	302-AU01-C1	302-AU01-C2
Cell	Direct Contact	Groundwater	302-AT02	302-AT02	302-AT02	302-AT03	302-AT03	302-AT03	302-AT03	302-AT03	302-AT04	302-AT04	302-AT05	302-AU01	302-AU01
Field Sample ID	Value (0-2 ft bgs)	Value	302-AT02-C3-COMP	302-AT02-C4-COMP	302-AT02-C5-COMP	302-AT03-C1-COMP	302-AT03-C2-COMP	302-AT03-C3-COMP	302-AT03-C4-COMP	302-AT03-C5-COMP	302-AT04-C1-COMP	302-AT04-C2-COMP	302-AT05-C1-COMP	302-AU01-C1-COMP	302-AU01-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	10/20/2022	10/20/2022	10/20/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/14/2022	10/11/2022	10/11/2022
PAHs															
Anthracene	190000	350	0.12 J (0.14)	0.062 J (0.13)	U (0.15)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	0.088 J (0.14)	0.15 (0.13)	0.057 J (0.15)	U (0.12)	0.033 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.12)
Benzo(a)pyrene	91	46	0.13 J (0.18)	0.23 (0.18)	0.084 J (0.2)	U (0.16)	U (0.16)	U (0.17)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.15)
Benzo(b)fluoranthene	76	170	0.15 (0.14)	0.36 (0.13)	0.083 J (0.15)	U (0.12)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.14 J (0.18)	0.18 (0.18)	0.085 J (0.2)	U (0.16)	U (0.16)	U (0.17)	U (0.17)	U (0.16)	U (0.16)	U (0.16)	U (0.17)	U (0.15)	U (0.15)
Chrysene	760	230	0.21 (0.14)	0.31 (0.13)	0.18 (0.15)	U (0.12)	0.025 J (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.13)	U (0.11)	U (0.12)
Fluorene	130000	3800	0.32 (0.23)	0.13 J (0.22)	0.049 J (0.25)	U (0.2)	U (0.2)	0.074 J (0.22)	0.037 J (0.21)	U (0.2)	1.2 (0.2)	0.088 J (0.2)	U (0.21)	U (0.19)	U (0.19)
Naphthalene	66	25	0.13 J (0.23)	0.11 J (0.22)	0.038 J (0.25)	U (0.2)	U (0.22)	U (0.21)	U (0.21)	U (0.2)	0.23 (0.2)	0.031 J (0.2)	U (0.21)	U (0.19)	U (0.19)
Phenanthrene	190000	10000	0.66 (0.14)	0.45 (0.13)	0.067 J (0.15)	U (0.12)	0.03 J (0.12)	0.14 (0.13)	U (0.12)	U (0.12)	2 (0.12)	0.14 (0.12)	U (0.13)	U (0.11)	U (0.12)
Pyrene	96000	2200	0.29 (0.14)	0.36 (0.13)	0.13 J (0.15)	U (0.12)	0.044 J (0.12)	U (0.13)	U (0.12)	U (0.12)	0.084 J (0.12)	0.023 J (0.12)	U (0.13)	U (0.11)	U (0.12)
Metals															
Lead	1000	450	751 (2.61)	859 (2.66)	9.52 (2.93)	682 (2.4)	198 (2.28)	11.4 (2.54)	322 (2.38)	8.65 (2.4)	14.4 (2.44)	10.4 (2.38)	6.27 (2.49)	11.7 (2.21)	10.2 (2.19)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AU01-C3	302-AU02-C1	302-AU02-C2	302-AU02-C3	302-AU02-C4	302-AU02-C5	302-AU03-C1	302-AU03-C2	302-AU03-C3	302-AU03-C4	302-AU04-C1	302-AU05-C1	302-AV02-C1
Cell	Direct Contact	Groundwater	302-AU01	302-AU02	302-AU02	302-AU02	302-AU02	302-AU02	302-AU03	302-AU03	302-AU03	302-AU03	302-AU04	302-AU05	302-AV02
Field Sample ID	Value (0-2 ft bgs)	Value	302-AU01-C3-COMP	302-AU02-C1-COMP	302-AU02-C2-COMP	302-AU02-C3-COMP	302-AU02-C4-COMP	302-AU02-C5-COMP	302-AU03-C1-COMP	302-AU03-C2-COMP	302-AU03-C3-COMP	302-AU03-C4-COMP	302-AU04-C1-COMP	302-AU05-C1-COMP	302-AV02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	10/11/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/14/2022	9/28/2022
PAHs															
Anthracene	190000	350	8.8 (1)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.7 J (1)	U (0.11)	0.14 (0.11)	0.057 J (0.12)	0.038 J (0.12)	0.18 (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.072 J (0.11)
Benzo(a)pyrene	91	46	0.52 J (1.4)	U (0.15)	0.15 (0.14)	0.064 J (0.16)	U (0.16)	0.15 (0.14)	U (0.16)	U (0.18)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.087 J (0.14)
Benzo(b)fluoranthene	76	170	1 (1)	U (0.11)	0.32 (0.11)	0.07 J (0.12)	0.047 J (0.12)	0.3 (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.087 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.43 J (1.4)	U (0.15)	0.15 (0.14)	0.034 J (0.16)	0.024 J (0.16)	0.15 (0.14)	U (0.16)	U (0.18)	U (0.16)	U (0.15)	U (0.16)	U (0.16)	0.081 J (0.14)
Chrysene	760	230	1.4 (1)	U (0.11)	0.28 (0.11)	0.058 J (0.12)	0.032 J (0.12)	0.24 (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.092 J (0.11)
Fluorene	130000	3800	1.8 (1.7)	U (0.19)	U (0.18)	U (0.2)	U (0.21)	U (0.18)	U (0.19)	0.034 J (0.22)	0.085 J (0.2)	U (0.19)	0.061 J (0.2)	U (0.2)	U (0.18)
Naphthalene	66	25	0.63 J (1.7)	U (0.19)	0.031 J (0.18)	0.033 J (0.2)	U (0.21)	0.029 J (0.18)	U (0.19)	0.23 (0.22)	0.31 (0.2)	U (0.19)	U (0.2)	U (0.2)	0.058 J (0.18)
Phenanthrene	190000	10000	3.6 (1)	U (0.11)	0.11 (0.11)	0.098 J (0.12)	U (0.12)	0.11 (0.11)	U (0.12)	0.054 J (0.13)	0.17 (0.12)	U (0.12)	0.079 J (0.12)	U (0.12)	0.17 (0.11)
Pyrene	96000	2200	3 (1)	U (0.11)	0.4 (0.11)	0.098 J (0.12)	0.055 J (0.12)	0.44 (0.11)	U (0.12)	U (0.13)	0.022 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.15 (0.11)
Metals															
Lead	1000	450	1290 (2.06)	44.8 (2.3)	256 (2.07)	81.2 (2.42)	16.8 (2.48)	158 (2.14)	19.8 (2.29)	31.5 (2.6)	10.7 (2.25)	9.35 (2.23)	11 (2.49)	6.27 (2.42)	52.8 (4.12)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Value (mg/kg)	302-AV02-C2	302-AV02-C3	302-AV02-C4	302-AV04-C1	302-AV04-C2	302-AV04-C3	302-AV04-C4	302-AV05-C1	302-AV05-C2	302-AW02-C1	302-AW02-C2	302-AW02-C3	302-AW02-C4
			302-AV02	302-AV02	302-AV02	302-AV04	302-AV04	302-AV04	302-AV04	302-AV05	302-AV05	302-AW02	302-AW02	302-AW02	302-AW02
			302-AV02-C2-COMP	302-AV02-C3-COMP	302-AV02-C4-COMP	302-AV04-C1-COMP	302-AV04-C2-COMP	302-AV04-C3-COMP	302-AV04-C4-COMP	302-AV05-C1-COMP	302-AV05-C2-COMP	302-AW02-C1-COMP	302-AW02-C2-COMP	302-AW02-C3-COMP	302-AW02-C4-COMP
			9/28/2022	9/28/2022	9/28/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/14/2022	9/14/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022
PAHs															
Anthracene	190000	350	0.18 (0.16)	U (1.2)	0.32 (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (1.2)	U (1.1)
Benzo(a)anthracene	130	340	0.21 (0.16)	U (1.2)	1.6 (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.13 (0.11)	U (0.11)	0.17 (0.12)	0.047 J (0.12)	0.44 J (1.2)	0.37 J (1.1)
Benzo(a)pyrene	91	46	0.41 (0.21)	U (1.6)	1.2 (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.13 J (0.15)	U (0.15)	0.18 (0.16)	U (0.16)	0.47 J (1.5)	U (1.4)
Benzo(b)fluoranthene	76	170	0.32 (0.16)	U (1.2)	1.8 (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.17 (0.11)	U (0.11)	0.23 (0.12)	0.065 J (0.12)	0.62 J (1.2)	0.47 J (1.1)
Benzo(g,h,i)perylene	190000	180	0.56 (0.21)	U (1.6)	0.77 (0.14)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.084 J (0.15)	U (0.15)	0.13 J (0.16)	U (0.16)	0.46 J (1.5)	0.44 J (1.4)
Chrysene	760	230	0.46 (0.16)	U (1.2)	1.8 (0.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.14 (0.11)	U (0.11)	0.2 (0.12)	0.075 J (0.12)	0.62 J (1.2)	0.56 J (1.1)
Fluorene	130000	3800	0.18 J (0.27)	U (2)	0.047 J (0.17)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	U (1.9)	U (1.8)
Naphthalene	66	25	0.72 (0.27)	0.43 J (2)	0.075 J (0.17)	U (0.2)	0.13 J (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	0.06 J (0.19)	0.044 J (0.2)	0.37 J (1.9)	0.27 J (1.8)
Phenanthrene	190000	10000	0.59 (0.16)	U (1.2)	1.3 (0.1)	U (0.12)	0.028 J (0.12)	U (0.12)	U (0.12)	0.086 J (0.11)	U (0.11)	0.13 (0.12)	0.062 J (0.12)	0.52 J (1.2)	0.44 J (1.1)
Pyrene	96000	2200	0.38 (0.16)	0.23 J (1.2)	2.9 (0.1)	U (0.12)	0.021 J (0.12)	U (0.12)	U (0.12)	0.28 (0.11)	U (0.11)	0.32 (0.12)	0.078 J (0.12)	0.58 J (1.2)	0.45 J (1.1)
Metals															
Lead	1000	450	44.5 (15.4)	1400 (2.36)	91.9 (2.08)	8.33 (2.27)	47.4 (2.36)	9.81 (2.31)	7.46 (2.26)	89.9 (2.21)	7.01 (2.16)	48.8 (11.1)	8.21 (4.78)	8.02 (4.63)	62.7 (2.14)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AW04-C1	302-AW04-C2	302-AW04-C3	302-AW04-C4	302-AW04-C5	302-AW05-C1	302-AX02-C1	302-AX02-C2	302-AX02-C3	302-AX02-C4	302-AX02-C5	302-AX03-C1	302-AX03-C2	
Cell	Direct Contact	Groundwater	302-AW04	302-AW04	302-AW04	302-AW04	302-AW04	302-AW05	302-AX02	302-AX02	302-AX02	302-AX02	302-AX02	302-AX03	302-AX03	
Field Sample ID	Value (0-2 ft bgs)	Value	302-AW04-C1-COMP	302-AW04-C2-COMP	302-AW04-C3-COMP	302-AW04-C4-COMP	302-AW04-C5-COMP	302-AW05-C1-COMP	302-AX02-C1-COMP	302-AX02-C2-COMP	302-AX02-C3-COMP	302-AX02-C4-COMP	302-AX02-C5-COMP	302-AX03-C1-COMP	302-AX03-C2-COMP	
Sample Date	(mg/kg)	(mg/kg)	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/15/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	9/29/2022	
PAHs																
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.12)	0.16 (0.12)	U (0.11)	U (0.12)	U (0.12)	0.26 (0.12)	U (1.2)	U (0.13)	U (1.1)	U (0.55)	0.18 J (0.55)	
Benzo(a)anthracene	130	340	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.076 J (0.12)	2.3 (0.12)	0.22 J (1.2)	U (0.13)	U (1.1)	0.9 (0.55)	0.5 J (0.55)	
Benzo(a)pyrene	91	46	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	0.078 J (0.16)	5 (0.16)	U (1.6)	U (0.17)	U (1.5)	0.76 (0.73)	0.44 J (0.73)	
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.11 J (0.12)	2.5 (0.12)	U (1.2)	U (0.13)	U (1.1)	0.66 (0.55)	0.52 J (0.55)	
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.16)	0.059 J (0.16)	2.9 (0.16)	U (1.6)	U (0.17)	U (1.5)	0.45 J (0.73)	0.27 J (0.73)	
Chrysene	760	230	U (0.11)	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.12)	0.11 J (0.12)	6 (0.12)	0.26 J (1.2)	U (0.13)	U (1.1)	1.3 (0.55)	0.46 J (0.55)	
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.2)	1 (0.21)	U (0.19)	U (0.2)	U (0.2)	0.15 J (0.2)	U (2)	U (0.22)	U (1.9)	0.1 J (0.91)	0.11 J (0.92)	
Naphthalene	66	25	0.052 J (0.19)	0.042 J (0.19)	0.042 J (0.2)	U (0.21)	0.026 J (0.19)	U (0.2)	U (0.2)	0.18 J (0.2)	U (2)	U (0.22)	0.29 J (1.9)	U (0.91)	U (0.92)	
Phenanthrene	190000	10000	U (0.11)	U (0.11)	U (0.12)	1.4 (0.12)	U (0.11)	U (0.12)	0.04 J (0.12)	0.86 (0.12)	U (1.2)	U (0.13)	U (1.1)	0.25 J (0.55)	0.7 (0.55)	
Pyrene	96000	2200	U (0.11)	0.019 J (0.11)	U (0.12)	0.043 J (0.12)	U (0.11)	U (0.12)	0.13 (0.12)	15 (1.2)	0.37 J (1.2)	U (0.13)	U (1.1)	1.6 (0.55)	0.79 (0.55)	
Metals																
Lead	1000	450	11.2 (2.22)	11.7 (2.2)	12.5 (2.26)	6.79 (2.44)	119 (2.26)	5.22 (4.54)	23 (2.34)	398 (2.32)	379 (4.62)	8.36 (2.54)	466 (2.28)	279 (2.17)	11.7 (4.47)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AX03-C3	302-AX06-C1	302-AY02-C1	302-AY02-C2	302-AY02-C3	302-AY03-C1	302-AY03-C2	302-AY03-C3	302-AY04-C1	302-AY04-C2	302-AY04-C3	302-AY05-C1	302-AY05-C2
Cell	Direct Contact	Groundwater	302-AX03	302-AX06	302-AY02	302-AY02	302-AY02	302-AY03	302-AY03	302-AY03	302-AY04	302-AY04	302-AY04	302-AY05	302-AY05
Field Sample ID	Value (0-2 ft bgs)	Value	302-AX03-C3-COMP	302-AX06-C1-COMP	302-AY02-C1-COMP	302-AY02-C2-COMP	302-AY02-C3-COMP	302-AY03-C1-COMP	302-AY03-C2-COMP	302-AY03-C3-COMP	302-AY04-C1-COMP	302-AY04-C2-COMP	302-AY04-C3-COMP	302-AY05-C1-COMP	302-AY05-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	9/29/2022	9/15/2022	10/10/2022	10/10/2022	10/10/2022	9/29/2022	9/29/2022	9/29/2022	9/30/2022	9/30/2022	9/30/2022	9/30/2022	9/30/2022
PAHs															
Anthracene	190000	350	0.09 J (0.11)	U (0.12)	0.85 (0.56)	0.77 (0.11)	0.43 (0.12)	U (0.11)	U (0.12)	1.1 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.24 (0.11)	U (0.12)	3.4 (0.56)	1.9 (0.11)	0.69 (0.12)	U (0.11)	U (0.12)	8.9 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)pyrene	91	46	0.2 (0.15)	U (0.16)	3.6 (0.75)	3 (0.15)	0.55 (0.16)	U (0.15)	U (0.15)	6.9 (1.5)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Benzo(b)fluoranthene	76	170	0.16 (0.11)	U (0.12)	2.6 (0.56)	2.1 (0.57)	0.53 (0.12)	U (0.11)	U (0.12)	3.2 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.19 (0.15)	U (0.16)	2.1 (0.75)	1.2 (0.15)	0.29 (0.16)	U (0.15)	U (0.15)	4.3 (1.5)	U (0.16)	U (0.16)	U (0.16)	U (0.16)	U (0.15)
Chrysene	760	230	0.42 (0.11)	U (0.12)	7.6 (0.56)	3.2 (0.11)	1.5 (0.12)	U (0.11)	U (0.12)	12 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Fluorene	130000	3800	0.072 J (0.18)	U (0.2)	0.81 J (0.94)	0.73 (0.19)	6.8 (0.2)	U (0.19)	U (0.19)	0.78 J (1.9)	U (0.21)	U (0.2)	U (0.2)	U (0.2)	U (0.19)
Naphthalene	66	25	0.12 J (0.18)	U (0.2)	2 (0.94)	2.3 (0.19)	2.4 (0.2)	U (0.19)	U (0.19)	0.23 J (1.9)	0.42 (0.21)	6.9 (0.2)	0.12 J (0.2)	U (0.2)	U (0.19)
Phenanthrene	190000	10000	0.37 (0.11)	U (0.12)	2.5 (0.56)	2.5 (0.11)	4.5 (0.12)	U (0.11)	U (0.12)	9.3 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Pyrene	96000	2200	0.37 (0.11)	U (0.12)	11 (0.56)	4.2 (0.11)	2.2 (0.12)	0.023 J (0.11)	U (0.12)	12 (1.1)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)
Metals															
Lead	1000	450	273 (2.15)	4.62 J (4.86)	11 (2.19)	236 (2.26)	252 (2.32)	11.1 (11.1)	6.12 (2.22)	325 (2.25)	9.16 (4.98)	34.7 (24.1)	6.54 (4.65)	6.19 (5.01)	7.14 (4.31)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AY05-C3	302-AY05-C4	302-AY05-C5	302-AY07-C1	302-AZ02-C1	302-AZ02-C2	302-AZ02-C3	302-AZ03-C1	302-AZ03-C2	302-AZ03-C3	302-AZ03-C4	302-AZ03-C5	302-BA03-C1	
Cell	Direct Contact	Groundwater	302-AY05	302-AY05	302-AY05	302-AY07	302-AZ02	302-AZ02	302-AZ02	302-AZ03	302-AZ03	302-AZ03	302-AZ03	302-AZ03	302-BA03	
Field Sample ID	Value (0-2 ft bgs)	Value	302-AY05-C3-COMP	302-AY05-C4-COMP	302-AY05-C5-COMP	302-AY07-C1-COMP	302-AZ02-C1-COMP	302-AZ02-C2-COMP	302-AZ02-C3-COMP	302-AZ03-C1-COMP	302-AZ03-C2-COMP	302-AZ03-C3-COMP	302-AZ03-C4-COMP	302-AZ03-C5-COMP	302-BA03-C1-COMP	
Sample Date	(mg/kg)	(mg/kg)	9/30/2022	9/30/2022	9/30/2022	9/15/2022	10/10/2022	10/10/2022	10/10/2022	10/3/2022	10/3/2022	10/3/2022	10/3/2022	10/3/2022	10/10/2022	
PAHs																
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	0.081 J (0.11)	U (0.11)	U (0.11)	1.1 (0.12)	0.092 J (0.12)	0.067 J (0.12)	0.23 (0.12)	0.23 (0.15)	U (0.12)	
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	0.036 J (0.12)	0.36 (0.11)	0.039 J (0.11)	0.032 J (0.11)	0.42 (0.12)	0.18 (0.12)	0.22 (0.12)	0.42 (0.12)	0.22 (0.15)	U (0.12)	
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	U (0.16)	U (0.16)	0.41 (0.15)	U (0.15)	U (0.15)	0.35 (0.16)	0.17 (0.16)	0.22 (0.15)	0.35 (0.16)	0.18 J (0.2)	U (0.17)	
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	0.045 J (0.12)	0.42 (0.11)	0.042 J (0.11)	0.033 J (0.11)	0.2 (0.12)	0.21 (0.12)	0.27 (0.12)	0.14 (0.12)	0.15 (0.15)	U (0.12)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	U (0.16)	0.023 J (0.16)	0.27 (0.15)	0.027 J (0.15)	0.022 J (0.15)	0.15 J (0.16)	0.11 J (0.16)	0.14 J (0.15)	0.12 J (0.16)	0.26 (0.2)	U (0.17)	
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	0.035 J (0.12)	0.33 (0.11)	0.038 J (0.11)	0.029 J (0.11)	0.78 (0.12)	0.18 (0.12)	0.23 (0.12)	0.46 (0.12)	0.32 (0.15)	0.022 J (0.12)	
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	U (0.19)	U (0.19)	U (0.2)	0.05 J (0.2)	0.03 J (0.19)	0.84 (0.2)	0.46 (0.25)	U (0.21)	
Naphthalene	66	25	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.19)	0.04 J (0.19)	U (0.19)	9.1 (0.98)	0.088 J (0.2)	0.049 J (0.19)	0.19 J (0.2)	0.16 J (0.25)	U (0.21)	
Phenanthrene	190000	10000	U (0.12)	U (0.12)	U (0.12)	0.035 J (0.12)	0.3 (0.11)	0.042 J (0.11)	0.034 J (0.11)	8.2 (0.59)	0.38 (0.12)	0.32 (0.12)	1.5 (0.12)	0.24 (0.15)	U (0.12)	
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	0.048 J (0.12)	0.5 (0.11)	0.045 J (0.11)	0.044 J (0.11)	0.96 (0.12)	0.32 (0.12)	0.38 (0.12)	0.51 (0.12)	0.43 (0.15)	0.03 J (0.12)	
Metals																
Lead	1000	450	8.95 (4.71)	8.2 (4.65)	9.1 (4.65)	7.42 (4.66)	16.1 (2.27)	9.67 (2.17)	144 (2.14)	63.2 (2.34)	176 (2.48)	9.52 (2.25)	50.1 (2.31)	18.9 (2.84)	23.3 (2.37)	

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-BA03-C2	302-BA03-C3	302-BA04-C1	302-BA04-C2	302-BB04-C1	302-BB04-C2	302-BB07-C1	302-BB07-C2	302-BB07-C3	302-BB07-C4	302-BB07-C5	302-BB08-C1	302-BB08-C2
Cell	Direct Contact	Groundwater	302-BA03	302-BA03	302-BA04	302-BA04	302-BB04	302-BB04	302-BB07	302-BB07	302-BB07	302-BB07	302-BB07	302-BB08	302-BB08
Field Sample ID	Value (0-2 ft bgs)	Value	302-BA03-C2-COMP	302-BA03-C3-COMP	302-BA04-C1-COMP	302-BA04-C2-COMP	302-BB04-C1-COMP	302-BB04-C2-COMP	302-BB07-C1-COMP	302-BB07-C2-COMP	302-BB07-C3-COMP	302-BB07-C4-COMP	302-BB07-C5-COMP	302-BB08-C1-COMP	302-BB08-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	10/10/2022	10/10/2022	10/3/2022	10/3/2022	10/10/2022	10/10/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022	9/16/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	0.053 J (0.12)	U (0.11)	0.083 J (0.11)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.11 J (0.12)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.2 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.21 (0.11)	0.43 (0.12)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	0.16 (0.15)	U (0.16)	U (0.17)	U (0.16)	0.25 (0.15)	0.75 (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	0.18 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.34 (0.11)	0.56 (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.17)	U (0.16)	U (0.15)	U (0.16)	U (0.15)	0.07 J (0.15)	U (0.16)	U (0.17)	U (0.16)	0.22 (0.15)	1.1 (0.15)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	0.021 J (0.12)	U (0.11)	0.19 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.43 (0.11)	0.52 (0.12)
Fluorene	130000	3800	U (0.2)	U (0.19)	U (0.21)	U (0.2)	U (0.19)	0.14 J (0.2)	U (0.19)	U (0.18)	U (0.2)	U (0.21)	U (0.2)	0.39 (0.19)	0.24 (0.19)
Naphthalene	66	25	U (0.2)	U (0.19)	0.056 J (0.21)	U (0.2)	U (0.19)	U (0.2)	0.1 J (0.19)	0.11 J (0.18)	0.032 J (0.2)	0.028 J (0.21)	U (0.2)	0.33 (0.19)	2.4 (0.19)
Phenanthrene	190000	10000	U (0.12)	U (0.11)	0.048 J (0.13)	U (0.12)	U (0.12)	0.37 (0.12)	U (0.11)	0.28 (0.11)	U (0.12)	U (0.12)	U (0.12)	1 (0.11)	0.52 (0.12)
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.13)	U (0.12)	U (0.12)	0.059 J (0.12)	U (0.11)	0.32 (0.11)	U (0.12)	U (0.12)	U (0.12)	0.4 (0.11)	0.54 (0.12)
Metals															
Lead	1000	450	25.3 (2.29)	17.7 (2.27)	6.38 (2.45)	10.4 (2.38)	17 (2.26)	13.4 (2.35)	9.36 (4.42)	13.3 (4.38)	6.59 (4.71)	5.33 (4.8)	5.63 (4.65)	153 (4.56)	792 (4.67)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-BB08-C3	302-BC04-C1	302-BC06-C1	302-BC06-C2	302-BC06-C3
Cell	Direct Contact	Groundwater	302-BB08	302-BC04	302-BC06	302-BC06	302-BC06
Field Sample ID	Value (0-2 ft bgs)	Value	302-BB08-C3-COMP	302-BC04-C1-COMP	302-BC06-C1-COMP	302-BC06-C2-COMP	302-BC06-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	9/16/2022	10/20/2022	9/16/2022	9/16/2022	9/16/2022
PAHs							
Anthracene	190000	350	0.052 J (0.12)	0.082 J (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.046 J (0.12)	0.043 J (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)pyrene	91	46	U (0.15)	0.064 J (0.18)	U (0.16)	U (0.15)	U (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	0.08 J (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.15)	0.058 J (0.18)	U (0.16)	U (0.15)	U (0.14)
Chrysene	760	230	0.071 J (0.12)	0.057 J (0.13)	U (0.12)	U (0.12)	U (0.11)
Fluorene	130000	3800	U (0.19)	0.073 J (0.22)	U (0.2)	0.33 (0.19)	0.087 J (0.18)
Naphthalene	66	25	0.079 J (0.19)	0.032 J (0.22)	0.069 J (0.2)	23 (1.9)	0.86 (0.18)
Phenanthrene	190000	10000	0.2 (0.12)	0.062 J (0.13)	0.037 J (0.12)	0.48 (0.12)	0.22 (0.11)
Pyrene	96000	2200	0.16 (0.12)	0.11 J (0.13)	U (0.12)	U (0.12)	0.029 J (0.11)
Metals							
Lead	1000	450	15.9 (4.63)	122 (2.53)	6.3 (4.96)	4.46 J (4.54)	6.22 (4.26)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	301-AC01-C1 301-AC01 301-AC01-C1-COMP 11/4/2022	301-AC01-C2 301-AC01 301-AC01-C2-COMP 11/4/2022	301-AC01-C3 301-AC01 301-AC01-C3-COMP 11/7/2022	301-AC01-C4 301-AC01 301-AC01-C4-COMP 11/7/2022	301-AC01-C5 301-AC01 301-AC01-C5-COMP 11/7/2022	301-L01-C1 301-L01 301-L01-C1-COMP 10/21/2022	301-T03-C1 301-T03 301-T03-C1-COMP 5/20/2022	301-T03-C2 301-T03 301-T03-C2-COMP 5/20/2022	301-T03-C3 301-T03 301-T03-C3-COMP 5/20/2022	301-T03-C4 301-T03 301-T03-C4-COMP 5/20/2022	301-T03-C5 301-T03 301-T03-C5-COMP 5/20/2022	302-AD01-C1 302-AD01 302-AD01-C1-COMP 11/4/2022
PAHs														
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	U (0.1)	U (0.53)	U (0.58)	U (0.12)	0.5 (0.12)
Benzo(a)anthracene	130	340	0.11 (0.11)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	0.028 J (0.1)	U (0.53)	U (0.58)	0.022 J (0.12)	1.4 (0.12)
Benzo(a)pyrene	91	46	0.13 J (0.15)	U (0.15)	U (0.17)	U (0.15)	U (0.15)	U (0.15)	U (0.71)	U (0.14)	U (0.7)	U (0.77)	U (0.16)	1.6 (0.16)
Benzo(b)fluoranthene	76	170	0.16 (0.11)	U (0.12)	0.037 J (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	0.031 J (0.1)	U (0.53)	U (0.58)	U (0.12)	1.9 (0.12)
Benzo(g,h,i)perylene	190000	180	0.078 J (0.15)	U (0.15)	U (0.17)	U (0.15)	U (0.15)	U (0.15)	U (0.71)	0.32 (0.14)	U (0.7)	U (0.77)	U (0.16)	0.94 (0.16)
Chrysene	760	230	0.11 (0.11)	U (0.12)	0.022 J (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	0.038 J (0.1)	U (0.53)	U (0.58)	0.032 J (0.12)	1.4 (0.12)
Fluorene	130000	3800	U (0.19)	U (0.19)	U (0.21)	U (0.19)	U (0.18)	U (0.19)	U (0.89)	U (0.18)	U (0.88)	U (0.97)	U (0.19)	0.28 (0.2)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.21)	U (0.19)	U (0.18)	U (0.19)	U (0.89)	U (0.18)	U (0.88)	U (0.97)	U (0.19)	0.31 (0.2)
Phenanthrene	190000	10000	0.078 J (0.11)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	0.031 J (0.1)	U (0.53)	U (0.58)	U (0.12)	1.9 (0.12)
Pyrene	96000	2200	0.17 (0.11)	U (0.12)	0.032 J (0.13)	U (0.11)	U (0.11)	U (0.12)	U (0.53)	0.039 J (0.1)	U (0.53)	U (0.58)	0.061 J (0.12)	2.3 (0.12)
Metals														
Lead	1000	450	130 (2.27)	7.41 (2.36)	7.79 (2.5)	7.55 (2.27)	7.54 (2.17)	7.13 (2.31)	43.6 (2.14)	10.7 (2.11)	16.4 (2.08)	25.7 (2.21)	37.2 (2.34)	1350 (2.42)

- Notes:**
- Concentrations are presented in mg/kg.
 - No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AD01-C2 302-AD01	302-AD01-C3 302-AD01	302-AD02-C1 302-AD02	302-AD02-C2 302-AD02	302-AD02-C3 302-AD02	302-AD02-C4 302-AD02	302-AD02-C5 302-AD02	302-AE01-C1 302-AE01	302-AE01-C2 302-AE01	302-AE01-C3 302-AE01	302-AE01-C4 302-AE01	302-AE01-C5 302-AE01
Field Sample ID	Value (0-2 ft bgs)	Value	302-AD01-C2-COMP	302-AD01-C3-COMP	302-AD02-C1-COMP	302-AD02-C2-COMP	302-AD02-C3-COMP	302-AD02-C4-COMP	302-AD02-C5-COMP	302-AE01-C1-COMP	302-AE01-C2-COMP	302-AE01-C3-COMP	302-AE01-C4-COMP	302-AE01-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	11/4/2022	11/8/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	11/7/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022	10/28/2022
PAHs														
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	0.32 (0.12)	0.079 J (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.092 J (0.11)
Benzo(a)anthracene	130	340	0.055 J (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	0.022 J (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)pyrene	91	46	0.064 J (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.14)
Benzo(b)fluoranthene	76	170	0.071 J (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Benzo(g,h,i)perylene	190000	180	0.039 J (0.16)	U (0.14)	U (0.15)	U (0.15)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.17)	U (0.16)	U (0.16)	U (0.14)
Chrysene	760	230	0.047 J (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	0.024 J (0.12)	U (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	U (0.11)
Fluorene	130000	3800	U (0.2)	U (0.18)	U (0.19)	U (0.18)	U (0.19)	0.97 (0.19)	0.21 (0.18)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	0.32 (0.18)
Naphthalene	66	25	U (0.2)	U (0.18)	U (0.19)	U (0.18)	U (0.19)	U (0.19)	U (0.18)	U (0.2)	U (0.21)	U (0.2)	U (0.2)	0.068 J (0.18)
Phenanthrene	190000	10000	0.051 J (0.12)	0.022 J (0.11)	U (0.12)	U (0.11)	U (0.11)	1.9 (0.12)	0.42 (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.78 (0.11)
Pyrene	96000	2200	0.081 J (0.12)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	0.23 (0.12)	0.045 J (0.11)	U (0.12)	U (0.13)	U (0.12)	U (0.12)	0.089 J (0.11)
Metals														
Lead	1000	450	53.4 (2.38)	3.9 (2.19)	29 (2.3)	7.06 (2.21)	7.01 (2.27)	120 (2.17)	7.57 (2.13)	2.75 (2.32)	6.75 (2.57)	5.67 (2.39)	5.43 (2.41)	5.2 (2.04)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AE02-C1 302-AE02 302-AE02-C1-COMP 11/8/2022	302-AE02-C2 302-AE02 302-AE02-C2-COMP 11/8/2022	302-AE02-C3 302-AE02 302-AE02-C3-COMP 11/8/2022	302-AE02-C4 302-AE02 302-AE02-C4-COMP 11/8/2022	302-AF01-C1 302-AF01 302-AF01-C1-COMP 10/31/2022	302-AF01-C2 302-AF01 302-AF01-C2-COMP 10/31/2022	302-AF01-C3 302-AF01 302-AF01-C3-COMP 10/31/2022	302-AF02-C1 302-AF02 302-AF02-C1-COMP 11/3/2022	302-AF02-C2 302-AF02 302-AF02-C2-COMP 11/3/2022	302-AF02-C3 302-AF02 302-AF02-C3-COMP 11/3/2022	302-AF02-C4 302-AF02 302-AF02-C4-COMP 11/3/2022	302-AG01-C1 302-AG01 302-AG01-C1-COMP 11/2/2022
PAHs														
Anthracene	190000	350	0.22 (0.11)	U (0.1)	U (0.1)	0.84 (0.12)	U (0.12)	U (0.11)	0.085 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.14)
Benzo(a)anthracene	130	340	0.51 (0.11)	U (0.1)	U (0.1)	0.048 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.14)
Benzo(a)pyrene	91	46	0.4 (0.15)	U (0.14)	U (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.15)	U (0.15)	U (0.19)
Benzo(b)fluoranthene	76	170	0.51 (0.11)	U (0.1)	U (0.1)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.14)
Benzo(g,h,i)perylene	190000	180	0.22 (0.15)	U (0.14)	U (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.15)	U (0.15)	U (0.16)	U (0.15)	U (0.15)	U (0.19)
Chrysene	760	230	0.49 (0.11)	U (0.1)	U (0.1)	0.059 J (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.14)
Fluorene	130000	3800	0.12 J (0.19)	U (0.17)	U (0.17)	U (0.2)	U (0.19)	U (0.19)	0.25 (0.18)	U (0.19)	U (0.2)	U (0.19)	0.031 J (0.18)	U (0.24)
Naphthalene	66	25	0.086 J (0.19)	U (0.17)	U (0.17)	9.1 (1)	U (0.19)	U (0.19)	0.029 J (0.18)	U (0.19)	U (0.2)	U (0.19)	U (0.18)	U (0.24)
Phenanthrene	190000	10000	0.86 (0.11)	U (0.1)	0.037 J (0.1)	6.8 (0.12)	U (0.12)	U (0.11)	0.58 (0.11)	U (0.11)	U (0.12)	U (0.11)	0.08 J (0.11)	U (0.14)
Pyrene	96000	2200	0.67 (0.11)	U (0.1)	U (0.1)	0.82 (0.12)	U (0.12)	U (0.11)	0.053 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.11)	U (0.14)
Metals														
Lead	1000	450	103 (2.26)	4.13 (2.06)	4.08 (2.09)	4.44 (2.41)	7.8 (2.28)	8.3 (2.25)	3.41 (2.11)	8.06 (2.22)	7.37 (2.38)	6.46 (2.32)	6.04 (2.14)	336 (2.9)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AG01-C2 302-AG01	302-AG01-C3 302-AG01	302-AG01-C4 302-AG01	302-AG01-C5 302-AG01	302-AG02-C1 302-AG02	302-AG02-C2 302-AG02	302-AG02-C3 302-AG02	302-AG02-C4 302-AG02	302-AH01-C1 302-AH01	302-AH01-C2 302-AH01	302-AH01-C3 302-AH01	302-AH02-C1 302-AH02
Field Sample ID	Value (0-2 ft bgs)	Value	302-AG01-C2-COMP	302-AG01-C3-COMP	302-AG01-C4-COMP	302-AG01-C5-COMP	302-AG02-C1-COMP	302-AG02-C2-COMP	302-AG02-C3-COMP	302-AG02-C4-COMP	302-AH01-C1-COMP	302-AH01-C2-COMP	302-AH01-C3-COMP	302-AH02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	11/2/2022	11/2/2022	11/2/2022	11/2/2022	11/1/2022	11/1/2022	11/1/2022	11/1/2022	11/10/2022	11/10/2022	11/10/2022	11/9/2022
PAHs														
Anthracene	190000	350	U (0.11)	U (0.12)	U (0.12)	U (0.11)	U (0.14)	U (0.12)	U (0.11)	1.5 (0.11)	0.28 (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(a)anthracene	130	340	U (0.11)	U (0.12)	U (0.12)	0.024 J (0.11)	U (0.14)	U (0.12)	U (0.11)	0.022 J (0.11)	0.96 (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(a)pyrene	91	46	U (0.14)	U (0.16)	U (0.16)	U (0.15)	U (0.19)	U (0.16)	U (0.14)	U (0.15)	0.77 (0.16)	U (0.16)	U (0.16)	U (0.18)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.12)	U (0.12)	0.042 J (0.11)	U (0.14)	U (0.12)	U (0.11)	U (0.11)	1 (0.12)	U (0.12)	U (0.12)	U (0.13)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.16)	U (0.16)	0.035 J (0.15)	U (0.19)	U (0.16)	U (0.14)	U (0.15)	0.3 (0.16)	U (0.16)	U (0.16)	U (0.18)
Chrysene	760	230	U (0.11)	U (0.12)	U (0.12)	0.025 J (0.11)	U (0.14)	U (0.12)	U (0.11)	0.035 J (0.11)	1.1 (0.12)	U (0.12)	U (0.12)	U (0.13)
Fluorene	130000	3800	U (0.18)	U (0.2)	U (0.19)	U (0.19)	U (0.23)	U (0.2)	U (0.18)	4.5 (0.19)	0.38 (0.2)	U (0.2)	U (0.2)	U (0.22)
Naphthalene	66	25	U (0.18)	U (0.2)	U (0.19)	U (0.19)	U (0.23)	U (0.2)	U (0.18)	6 (0.19)	0.21 (0.2)	U (0.2)	U (0.2)	U (0.22)
Phenanthrene	190000	10000	U (0.11)	U (0.12)	U (0.12)	0.029 J (0.11)	U (0.14)	U (0.12)	U (0.11)	12 (1.1)	3 (0.12)	U (0.12)	U (0.12)	U (0.13)
Pyrene	96000	2200	U (0.11)	U (0.12)	U (0.12)	0.033 J (0.11)	U (0.14)	U (0.12)	U (0.11)	0.83 (0.11)	1.7 (0.12)	U (0.12)	U (0.12)	U (0.13)
Metals														
Lead	1000	450	451 (2.18)	424 (2.31)	3.32 (2.22)	8.23 (2.16)	8.95 (2.77)	1.85 J (2.38)	6.81 (2.06)	5.99 (2.2)	30.7 (2.39)	13.9 (2.39)	11.8 (2.35)	5.82 (2.63)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AH02-C2 302-AH02	302-AH02-C3 302-AH02	302-AH02-C4 302-AH02	302-AH03-C1 302-AH03	302-AH03-C2 302-AH03	302-AH03-C3 302-AH03	302-AH03-C4 302-AH03	302-AI01-C1 302-AI01	302-AI02-C1 302-AI02	302-AI02-C2 302-AI02	302-AI02-C3 302-AI02	302-AI02-C4 302-AI02
Field Sample ID	Value (0-2 ft bgs)	Value	302-AH02-C2-COMP	302-AH02-C3-COMP	302-AH02-C4-COMP	302-AH03-C1-COMP	302-AH03-C2-COMP	302-AH03-C3-COMP	302-AH03-C4-COMP	302-AI01-C1-COMP	302-AI02-C1-COMP	302-AI02-C2-COMP	302-AI02-C3-COMP	302-AI02-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	11/9/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	11/9/2022	10/25/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022
PAHs														
Anthracene	190000	350	U (0.11)	U (0.11)	0.82 (0.12)	U (0.11)	U (0.12)	1 (0.11)	2 (0.22)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)anthracene	130	340	U (0.11)	U (0.11)	0.031 J (0.12)	0.13 (0.11)	U (0.12)	0.054 J (0.11)	0.042 J (0.22)	0.13 (0.12)	0.12 (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(a)pyrene	91	46	U (0.14)	U (0.15)	U (0.17)	0.29 (0.15)	U (0.16)	U (0.15)	U (0.29)	0.34 (0.16)	0.12 J (0.16)	U (0.16)	U (0.15)	U (0.16)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	U (0.12)	0.27 (0.11)	U (0.12)	U (0.11)	U (0.22)	0.2 (0.12)	0.13 (0.12)	U (0.12)	U (0.11)	U (0.12)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.15)	U (0.17)	0.19 (0.15)	U (0.16)	U (0.15)	U (0.29)	0.6 (0.16)	0.057 J (0.16)	U (0.16)	U (0.15)	U (0.16)
Chrysene	760	230	U (0.11)	U (0.11)	0.061 J (0.12)	0.11 (0.11)	U (0.12)	0.083 J (0.11)	0.064 J (0.22)	0.19 (0.12)	0.1 J (0.12)	U (0.12)	U (0.11)	U (0.12)
Fluorene	130000	3800	U (0.18)	U (0.19)	3.8 (0.21)	U (0.19)	U (0.2)	4.6 (0.19)	6.7 (0.36)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.2)
Naphthalene	66	25	U (0.18)	U (0.19)	7.5 (0.21)	U (0.19)	U (0.2)	18 (0.95)	13 (1.8)	U (0.21)	U (0.2)	U (0.2)	U (0.18)	U (0.2)
Phenanthrene	190000	10000	U (0.11)	U (0.11)	8.6 (1.2)	0.048 J (0.11)	U (0.12)	18 (0.57)	15 (1.1)	0.052 J (0.12)	0.1 J (0.12)	U (0.12)	U (0.11)	U (0.12)
Pyrene	96000	2200	U (0.11)	U (0.11)	0.77 (0.12)	0.078 J (0.11)	U (0.12)	1.6 (0.11)	1.5 (0.22)	0.051 J (0.12)	0.13 (0.12)	U (0.12)	U (0.11)	U (0.12)
Metals														
Lead	1000	450	5.06 (2.17)	3.86 (2.25)	6.19 (2.38)	8.4 (2.31)	9.71 (2.29)	2.99 (2.28)	4.58 (2.1)	184 (2.5)	55.4 (2.33)	8.69 (2.4)	6.58 (2.13)	8.46 (2.28)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AI02-C5 302-AI02	302-AI03-C1 302-AI03	302-AI03-C2 302-AI03	302-AI03-C3 302-AI03	302-AI03-C4 302-AI03	302-AI04-C1 302-AI04	302-AI04-C2 302-AI04	302-AI04-C3 302-AI04	302-AI04-C4 302-AI04	302-AJ03-C1 302-AJ03	302-AJ03-C2 302-AJ03	302-AJ03-C3 302-AJ03
Field Sample ID	Value (0-2 ft bgs)	Value	302-AI02-C5-COMP	302-AI03-C1-COMP	302-AI03-C2-COMP	302-AI03-C3-COMP	302-AI03-C4-COMP	302-AI04-C1-COMP	302-AI04-C2-COMP	302-AI04-C3-COMP	302-AI04-C4-COMP	302-AJ03-C1-COMP	302-AJ03-C2-COMP	302-AJ03-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	11/10/2022	10/27/2022	10/27/2022	10/27/2022	10/27/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022
PAHs														
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	U (0.11)	U (0.11)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	0.031 J (0.11)	0.098 J (0.11)	U (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.15)	U (0.14)	U (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.18)	U (0.14)	0.089 J (0.15)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	0.033 J (0.11)	0.12 (0.11)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.15)	U (0.14)	U (0.15)	U (0.16)	U (0.14)	U (0.16)	U (0.18)	U (0.14)	0.059 J (0.15)	U (0.15)
Chrysene	760	230	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	0.027 J (0.11)	0.099 J (0.11)	U (0.11)
Fluorene	130000	3800	U (0.19)	0.091 J (0.19)	U (0.19)	U (0.17)	U (0.19)	U (0.19)	U (0.17)	U (0.19)	U (0.22)	U (0.18)	U (0.19)	U (0.19)
Naphthalene	66	25	U (0.19)	U (0.19)	U (0.19)	U (0.17)	U (0.19)	U (0.19)	U (0.17)	U (0.19)	U (0.22)	U (0.18)	0.031 J (0.19)	U (0.19)
Phenanthrene	190000	10000	U (0.12)	0.2 (0.12)	U (0.12)	U (0.1)	U (0.11)	U (0.12)	U (0.1)	U (0.12)	U (0.13)	0.044 J (0.11)	0.11 (0.11)	U (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	U (0.12)	U (0.1)	U (0.11)	0.022 J (0.12)	U (0.1)	U (0.12)	U (0.13)	0.05 J (0.11)	0.15 (0.11)	U (0.11)
Metals														
Lead	1000	450	8.31 (2.28)	6.89 (2.23)	8 (2.24)	3.88 (2.03)	3.39 (2.2)	6.88 (2.27)	2.04 (1.99)	5.87 (2.38)	5.32 (2.65)	56.2 (2.13)	3.91 (2.26)	2.59 (2.28)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	302-AJ03-C4 302-AJ03 302-AJ03-C4-COMP 10/26/2022	302-AK02-C1 302-AK02 302-AK02-C1-COMP 10/25/2022	302-AK02-C2 302-AK02 302-AK02-C2-COMP 10/25/2022	302-AK02-C3 302-AK02 302-AK02-C3-COMP 10/25/2022	302-AK02-C4 302-AK02 302-AK02-C4-COMP 10/25/2022	302-AL02-C1 302-AL02 302-AL02-C1-COMP 11/11/2022	302-AL02-C2 302-AL02 302-AL02-C2-COMP 11/11/2022	302-AL02-C3 302-AL02 302-AL02-C3-COMP 11/11/2022	302-AL02-C4 302-AL02 302-AL02-C4-COMP 11/11/2022	302-AM01-C1 302-AM01 302-AM01-C1-COMP 10/24/2022	302-AM01-C2 302-AM01 302-AM01-C2-COMP 10/24/2022	302-AM01-C3 302-AM01 302-AM01-C3-COMP 10/24/2022
Field Sample ID Sample Date	Value (0-2 ft bgs) (mg/kg)	Value (mg/kg)												
PAHs														
Anthracene	190000	350	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	U (0.1)	0.061 J (0.11)	0.23 (0.11)	0.34 (0.12)	0.092 J (0.11)	U (0.11)	U (0.11)
Benzo(a)anthracene	130	340	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	0.025 J (0.1)	0.38 (0.11)	0.29 (0.11)	0.46 (0.12)	0.45 (0.11)	0.081 J (0.11)	U (0.11)
Benzo(a)pyrene	91	46	U (0.15)	U (0.14)	U (0.16)	U (0.15)	U (0.14)	U (0.14)	0.69 (0.15)	0.22 (0.15)	0.34 (0.16)	0.55 (0.15)	0.089 J (0.14)	U (0.14)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	0.035 J (0.1)	0.74 (0.11)	0.18 (0.11)	0.33 (0.12)	0.61 (0.11)	0.21 (0.11)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.14)	U (0.16)	U (0.15)	U (0.14)	0.023 J (0.14)	0.46 (0.15)	0.17 (0.15)	0.2 (0.16)	0.4 (0.15)	0.043 J (0.14)	U (0.14)
Chrysene	760	230	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	0.027 J (0.1)	0.42 (0.11)	0.62 (0.11)	0.6 (0.12)	0.42 (0.11)	0.13 (0.11)	U (0.11)
Fluorene	130000	3800	U (0.19)	U (0.18)	U (0.2)	U (0.19)	U (0.18)	U (0.17)	0.026 J (0.18)	0.11 J (0.19)	0.27 (0.2)	0.031 J (0.19)	U (0.18)	U (0.18)
Naphthalene	66	25	U (0.19)	U (0.18)	U (0.2)	U (0.19)	U (0.18)	U (0.17)	0.14 J (0.18)	0.083 J (0.19)	0.13 J (0.2)	0.046 J (0.19)	U (0.18)	U (0.18)
Phenanthrene	190000	10000	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	0.024 J (0.1)	0.3 (0.11)	0.18 (0.11)	0.76 (0.12)	0.35 (0.11)	U (0.11)	U (0.11)
Pyrene	96000	2200	U (0.11)	U (0.1)	U (0.12)	U (0.12)	U (0.1)	0.047 J (0.1)	0.55 (0.11)	0.59 (0.11)	0.79 (0.12)	0.46 (0.11)	0.075 J (0.11)	U (0.11)
Metals														
Lead	1000	450	4.39 (2.2)	6.74 (2.07)	4.72 (2.4)	3.79 (2.26)	5.62 (2.08)	18.8 (2.02)	132 (2.14)	353 (2.27)	3.64 (2.32)	119 (2.15)	11.9 (2.12)	52.3 (2.09)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	302-AM01-C4 302-AM01 302-AM01-C4-COMP 10/24/2022	302-AO01-C1 302-AO01 302-AO01-C1-COMP 10/24/2022
Field Sample ID	Value (0-2 ft bgs)	Value (mg/kg)	302-AM01-C4-COMP 10/24/2022	302-AO01-C1-COMP 10/24/2022
Sample Date	(mg/kg)	(mg/kg)	10/24/2022	10/24/2022
PAHs				
Anthracene	190000	350	U (0.11)	U (0.1)
Benzo(a)anthracene	130	340	U (0.11)	0.027 J (0.1)
Benzo(a)pyrene	91	46	U (0.15)	U (0.14)
Benzo(b)fluoranthene	76	170	U (0.11)	0.047 J (0.1)
Benzo(g,h,i)perylene	190000	180	U (0.15)	0.036 J (0.14)
Chrysene	760	230	U (0.11)	0.064 J (0.1)
Fluorene	130000	3800	U (0.19)	U (0.17)
Naphthalene	66	25	U (0.19)	U (0.17)
Phenanthrene	190000	10000	U (0.11)	U (0.1)
Pyrene	96000	2200	U (0.11)	0.04 J (0.1)
Metals				
Lead	1000	450	21.4 (2.14)	5.81 (1.99)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-A01-C1 401-A01	401-B01-C1 401-B01	401-B01-C2 401-B01	401-C01-C1 401-C01	401-C01-C2 401-C01	401-C01-C3 401-C01	401-C01-C4 401-C01	401-C01-C5 401-C01	401-D01-C1 401-D01	401-D01-C2 401-D01	401-D01-C3 401-D01	401-D01-C4 401-D01	401-D02-C1 401-D02
Field Sample ID	Value (0-2 ft bgs)	Value	401-A01-C1-COMP	401-B01-C1-COMP	401-B01-C2-COMP	401-C01-C1-COMP	401-C01-C2-COMP	401-C01-C3-COMP	401-C01-C4-COMP	401-C01-C5-COMP	401-D01-C1-COMP	401-D01-C2-COMP	401-D01-C3-COMP	401-D01-C4-COMP	401-D02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/13/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/14/2024	8/13/2024
PAHs															
Anthracene	190000	350	U (0.12)	U (0.11)	0.51 (0.11)	0.59 (0.11)	U (0.53)	0.1 J (0.11)	U (0.12)	0.053 J (0.11)	0.075 J (0.11)	0.25 (0.12)	0.12 (0.11)	0.046 J (0.11)	0.051 J (0.11)
Benzo(a)anthracene	130	340	0.058 J (0.12)	0.087 J (0.11)	0.61 (0.11)	1.5 (0.11)	U (0.53)	0.15 (0.11)	U (0.12)	0.11 (0.11)	0.12 (0.11)	1.4 (0.12)	0.075 J (0.11)	0.03 J (0.11)	0.17 (0.11)
Benzo(a)pyrene	91	46	0.089 J (0.15)	0.062 J (0.15)	1.1 (0.15)	1.4 (0.14)	U (0.71)	0.16 (0.15)	U (0.16)	0.18 (0.15)	0.16 (0.14)	2.2 (0.16)	0.074 J (0.15)	U (0.15)	0.26 (0.14)
Benzo(b)fluoranthene	76	170	0.088 J (0.12)	0.12 (0.11)	1.4 (0.11)	1.8 (0.11)	U (0.53)	0.21 (0.11)	U (0.12)	0.15 (0.11)	0.2 (0.11)	2.5 (0.12)	0.085 J (0.11)	0.044 J (0.11)	0.24 (0.11)
Benzo(g,h,i)perylene	190000	180	0.093 J (0.15)	0.071 J (0.15)	1.1 (0.15)	0.82 (0.14)	0.1 J (0.71)	0.15 (0.15)	U (0.16)	0.48 (0.15)	0.14 (0.14)	1.6 (0.16)	0.062 J (0.15)	0.043 J (0.15)	0.32 (0.14)
Chrysene	760	230	0.066 J (0.12)	0.11 (0.11)	0.62 (0.11)	1.4 (0.11)	0.1 J (0.53)	0.16 (0.11)	U (0.12)	0.11 (0.11)	0.2 (0.11)	1.4 (0.12)	0.15 (0.11)	0.07 J (0.11)	0.19 (0.11)
Fluorene	130000	3800	U (0.19)	U (0.18)	0.087 J (0.18)	0.22 (0.18)	0.69 J (0.88)	0.34 (0.18)	0.068 J (0.19)	0.064 J (0.19)	0.22 (0.18)	0.24 (0.2)	0.38 (0.18)	0.12 J (0.19)	U (0.18)
Naphthalene	66	25	0.059 (0.039)	0.19 (0.037)	0.32 (0.037)	0.072 (0.036)	0.26 (0.18)	0.22 (0.036)	U (0.039)	0.058 (0.037)	0.54 (0.036)	0.18 (0.04)	0.38 (0.037)	0.41 (0.038)	0.14 (0.035)
Phenanthrene	190000	10000	0.063 J (0.12)	0.2 (0.11)	0.69 (0.11)	1.9 (0.11)	0.59 (0.53)	0.7 (0.11)	0.15 (0.12)	0.2 (0.11)	0.62 (0.11)	1.3 (0.12)	0.97 (0.11)	0.29 (0.11)	0.13 (0.11)
Pyrene	96000	2200	0.081 J (0.12)	0.13 (0.11)	0.82 (0.11)	2.2 (0.11)	0.19 J (0.53)	0.28 (0.11)	U (0.12)	0.11 (0.11)	0.21 (0.11)	1.9 (0.12)	0.13 (0.11)	0.053 J (0.11)	0.23 (0.11)
Metals															
Lead	1000	450	118 (4.58)	78 (4.42)	219 (4.38)	1250 (4.37)	1510 (4.19)	75.9 (8.43)	13.3 (4.62)	194 (4.48)	147 (4.34)	273 (4.81)	50 (4.24)	117 (4.56)	757 (8.45)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-D02-C2	401-D02-C3	401-D02-C4	401-D02-C5	401-E01-C1	401-E01-C2	401-E01-C3	401-E02-C1	401-E02-C2	401-F01-C1	401-F01-C2	401-F01-C3	401-G01-C1
			401-D02	401-D02	401-D02	401-D02	401-E01	401-E01	401-E01	401-E02	401-E02	401-F01	401-F01	401-F01	401-F01
Field Sample ID	Value (0-2 ft bgs)	Value	401-D02-C2-COMP	401-D02-C3-COMP	401-D02-C4-COMP	401-D02-C5-COMP	401-E01-C1-COMP	401-E01-C2-COMP	401-E01-C3-COMP	401-E02-C1-COMP	401-E02-C2-COMP	401-F01-C1-COMP	401-F01-C2-COMP	401-F01-C3-COMP	401-G01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/14/2024	8/14/2024	8/14/2024	8/13/2024	8/13/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024
PAHs															
Anthracene	190000	350	0.087 J (0.11)	U (0.11)	0.56 (0.12)	0.15 (0.12)	0.039 J (0.11)	0.1 J (0.11)	U (0.11)	0.16 (0.11)	0.099 J (0.12)	0.059 J (0.11)	0.1 J (0.11)	0.13 (0.12)	0.29 (0.11)
Benzo(a)anthracene	130	340	0.21 (0.11)	0.073 J (0.11)	0.85 (0.12)	0.45 (0.12)	0.1 J (0.11)	0.32 (0.11)	0.055 J (0.11)	0.41 (0.11)	0.28 (0.12)	0.32 (0.11)	0.094 J (0.11)	0.061 J (0.12)	0.3 (0.11)
Benzo(a)pyrene	91	46	0.32 (0.15)	0.098 J (0.15)	0.83 (0.16)	0.43 (0.16)	0.12 J (0.14)	0.3 (0.15)	0.056 J (0.14)	0.51 (0.15)	0.3 (0.17)	0.39 (0.15)	0.11 J (0.15)	U (0.16)	0.38 (0.15)
Benzo(b)fluoranthene	76	170	0.3 (0.11)	0.11 (0.11)	0.95 (0.12)	0.3 (0.12)	0.14 (0.11)	0.4 (0.11)	0.063 J (0.11)	0.43 (0.11)	0.32 (0.12)	0.48 (0.11)	0.11 (0.11)	0.036 J (0.12)	0.43 (0.11)
Benzo(g,h,i)perylene	190000	180	0.34 (0.15)	0.1 J (0.15)	0.59 (0.16)	0.4 (0.16)	0.1 J (0.14)	0.21 (0.15)	0.062 J (0.14)	0.8 (0.15)	0.27 (0.17)	0.32 (0.15)	0.12 J (0.15)	0.039 J (0.16)	0.36 (0.15)
Chrysene	760	230	0.27 (0.11)	0.085 J (0.11)	0.8 (0.12)	0.48 (0.12)	0.12 (0.11)	0.32 (0.11)	0.064 J (0.11)	0.48 (0.11)	0.28 (0.12)	0.33 (0.11)	0.11 (0.11)	0.077 J (0.12)	0.45 (0.11)
Fluorene	130000	3800	0.11 J (0.18)	0.036 J (0.19)	0.21 (0.2)	0.21 (0.2)	0.029 J (0.18)	0.05 J (0.19)	0.052 J (0.18)	0.14 J (0.19)	0.2 J (0.21)	0.19 (0.18)	0.17 J (0.19)	0.2 (0.19)	3 (0.18)
Naphthalene	66	25	0.36 (0.037)	0.24 (0.038)	0.22 (0.039)	2.5 (0.04)	0.022 J (0.036)	0.1 (0.037)	0.086 (0.036)	0.068 (0.037)	0.65 (0.042)	0.033 J (0.037)	U (0.038)	U (0.039)	0.41 (0.037)
Phenanthrene	190000	10000	0.36 (0.11)	0.092 J (0.11)	1 (0.12)	0.45 (0.12)	0.1 J (0.11)	0.47 (0.11)	0.12 (0.11)	0.63 (0.11)	0.51 (0.12)	0.23 (0.11)	0.68 (0.11)	0.62 (0.12)	3 (0.11)
Pyrene	96000	2200	0.3 (0.11)	0.13 (0.11)	1.4 (0.12)	0.53 (0.12)	0.15 (0.11)	0.52 (0.11)	0.11 (0.11)	0.69 (0.11)	0.43 (0.12)	0.5 (0.11)	0.21 (0.11)	0.21 (0.12)	0.45 (0.11)
Metals															
Lead	1000	450	1270 (4.44)	479 (4.5)	408 (4.48)	90.2 (4.59)	134 (4.32)	451 (4.37)	74.3 (4.37)	22.4 (4.33)	147 (4.85)	206 (22.4)	57.2 (4.61)	56.8 (4.5)	977 (4.36)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-G01-C2 401-G01	401-H01-C1 401-H01	401-H01-C2 401-H01	401-H02-C1 401-H02	401-H02-C2 401-H02	401-I01-C1 401-I01	401-J01-C1 401-J01	401-J01-C2 401-J01	401-K01-C1 401-K01	401-K01-C2 401-K01	401-K01-C3 401-K01	401-K01-C4 401-K01	401-L01-C1 401-L01
Field Sample ID	Value (0-2 ft bgs)	Value	401-G01-C2-COMP	401-H01-C1-COMP	401-H01-C2-COMP	401-H02-C1-COMP	401-H02-C2-COMP	401-I01-C1-COMP	401-J01-C1-COMP	401-J01-C2-COMP	401-K01-C1-COMP	401-K01-C2-COMP	401-K01-C3-COMP	401-K01-C4-COMP	401-L01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/8/2024	8/8/2024	8/8/2024	8/13/2024	8/13/2024	8/8/2024	8/12/2024	8/12/2024	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/9/2024
PAHs															
Anthracene	190000	350	0.17 (0.12)	0.18 (0.11)	0.56 (0.11)	0.15 (0.12)	0.26 J (0.59)	0.17 (0.11)	0.19 (0.11)	0.88 (0.11)	0.36 J (0.54)	U (0.54)	0.04 J (0.12)	U (0.11)	0.21 (0.11)
Benzo(a)anthracene	130	340	0.21 (0.12)	0.82 (0.11)	1.5 (0.11)	0.16 (0.12)	0.12 J (0.59)	0.62 (0.11)	0.15 (0.11)	0.2 (0.11)	0.71 (0.54)	0.35 J (0.54)	0.023 J (0.12)	U (0.11)	0.24 (0.11)
Benzo(a)pyrene	91	46	0.24 (0.16)	0.75 (0.15)	1.5 (0.15)	0.14 J (0.16)	U (0.78)	0.66 (0.15)	0.14 (0.14)	0.12 J (0.14)	0.7 J (0.72)	0.33 J (0.72)	U (0.16)	U (0.15)	0.2 (0.14)
Benzo(b)fluoranthene	76	170	0.29 (0.12)	0.97 (0.11)	1.9 (0.11)	0.17 (0.12)	U (0.59)	0.92 (0.11)	0.2 (0.11)	0.22 (0.11)	0.87 (0.54)	0.66 (0.54)	0.035 J (0.12)	U (0.11)	0.24 (0.11)
Benzo(g,h,i)perylene	190000	180	0.22 (0.16)	0.44 (0.15)	1 (0.15)	0.099 J (0.16)	0.13 J (0.78)	0.63 (0.15)	0.11 J (0.14)	0.09 J (0.14)	0.39 J (0.72)	0.34 J (0.72)	0.026 J (0.16)	U (0.15)	0.18 (0.14)
Chrysene	760	230	0.3 (0.12)	0.75 (0.11)	1.5 (0.11)	0.15 (0.12)	0.17 J (0.59)	1.4 (0.11)	0.14 (0.11)	0.28 (0.11)	0.69 (0.54)	0.57 (0.54)	0.025 J (0.12)	U (0.11)	0.23 (0.11)
Fluorene	130000	3800	1.2 (0.2)	0.032 J (0.19)	0.18 J (0.19)	0.14 J (0.2)	0.9 J (0.98)	0.088 J (0.19)	0.49 (0.18)	3.5 (0.18)	0.55 J (0.9)	U (0.9)	0.19 (0.19)	0.048 J (0.19)	0.49 (0.18)
Naphthalene	66	25	0.12 (0.041)	0.087 (0.038)	0.14 (0.038)	0.079 (0.04)	0.93 (0.2)	0.27 (0.038)	0.18 (0.036)	4.9 (0.036)	2.3 (0.18)	0.58 (0.18)	0.58 (0.039)	0.064 (0.038)	U (0.036)
Phenanthrene	190000	10000	2.3 (0.12)	0.44 (0.11)	2.3 (0.11)	0.56 (0.12)	0.9 (0.59)	0.66 (0.11)	0.72 (0.11)	4.3 (0.11)	1.5 (0.54)	0.34 J (0.54)	0.34 (0.12)	0.058 J (0.11)	1 (0.11)
Pyrene	96000	2200	0.3 (0.12)	1.5 (0.11)	2.8 (0.11)	0.35 (0.12)	0.53 J (0.59)	0.88 (0.11)	0.39 (0.11)	1.1 (0.11)	1 (0.54)	0.8 (0.54)	0.043 J (0.12)	0.033 J (0.11)	0.52 (0.11)
Metals															
Lead	1000	450	524 (4.63)	376 (4.64)	405 (4.44)	132 (4.6)	318 (4.45)	117 (4.48)	274 (21.1)	80.1 (4.24)	238 (4.2)	149 (4.32)	142 (4.51)	253 (4.34)	59.3 (4.27)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-L02-C1 401-L02	401-L02-C2 401-L02	401-M01-C1 401-M01	401-M01-C2 401-M01	401-N01-C1 401-N01	401-N01-C2 401-N01	401-O01-C1 401-O01	401-O01-C2 401-O01	401-P01-C1 401-P01	401-P01-C2 401-P01	401-Q01-C1 401-Q01	401-Q01-C2 401-Q01	401-Q01-C3 401-Q01
Field Sample ID	Value (0-2 ft bgs)	Value	401-L02-C1-COMP	401-L02-C2-COMP	401-M01-C1-COMP	401-M01-C2-COMP	401-N01-C1-COMP	401-N01-C2-COMP	401-O01-C1-COMP	401-O01-C2-COMP	401-P01-C1-COMP	401-P01-C2-COMP	401-Q01-C1-COMP	401-Q01-C2-COMP	401-Q01-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/12/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/9/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024
PAHs															
Anthracene	190000	350	1.9 (1.2)	2.6 (1.1)	U (0.1)	U (0.11)	0.041 J (0.11)	U (1.2)	U (0.11)	U (0.12)	0.09 J (0.11)	0.18 (0.11)	2 (0.64)	2.2 (1.2)	0.54 (0.12)
Benzo(a)anthracene	130	340	0.39 J (1.2)	0.42 J (1.1)	0.047 J (0.1)	0.025 J (0.11)	0.14 (0.11)	0.26 J (1.2)	0.043 J (0.11)	0.036 J (0.12)	0.33 (0.11)	0.58 (0.11)	1.3 (0.64)	1.7 (1.2)	0.3 (0.12)
Benzo(a)pyrene	91	46	U (1.5)	U (1.5)	0.078 J (0.14)	U (0.15)	0.16 (0.15)	U (1.5)	0.045 J (0.14)	U (0.16)	0.34 (0.15)	0.57 (0.14)	0.94 (0.86)	1.2 J (1.6)	0.15 J (0.16)
Benzo(b)fluoranthene	76	170	0.57 J (1.2)	0.46 J (1.1)	0.11 (0.1)	U (0.11)	0.19 (0.11)	U (1.2)	0.053 J (0.11)	0.034 J (0.12)	0.4 (0.11)	0.6 (0.11)	1.4 (0.64)	1.6 (1.2)	0.22 (0.12)
Benzo(g,h,i)perylene	190000	180	0.43 J (1.5)	0.31 J (1.5)	0.084 J (0.14)	0.025 J (0.15)	0.12 J (0.15)	U (1.5)	0.038 J (0.14)	U (0.16)	0.22 (0.15)	0.35 (0.14)	0.64 J (0.86)	0.7 J (1.6)	0.069 J (0.16)
Chrysene	760	230	0.57 J (1.2)	0.55 J (1.1)	0.082 J (0.1)	0.032 J (0.11)	0.15 (0.11)	0.23 J (1.2)	0.05 J (0.11)	0.034 J (0.12)	0.32 (0.11)	0.55 (0.11)	1.5 (0.64)	1.8 (1.2)	0.32 (0.12)
Fluorene	130000	3800	5.6 (1.9)	7.4 (1.8)	U (0.17)	0.056 J (0.18)	0.023 J (0.19)	0.24 J (1.9)	0.024 J (0.18)	U (0.2)	0.024 J (0.19)	0.16 J (0.18)	4.5 (1.1)	1.6 J (2)	0.8 (0.2)
Naphthalene	66	25	1.6 (0.39)	2.4 (0.37)	U (0.035)	U (0.037)	0.031 J (0.037)	U (0.38)	U (0.036)	U (0.04)	0.037 (0.037)	0.042 (0.036)	0.92 (0.21)	1.4 (0.39)	0.51 (0.041)
Phenanthrene	190000	10000	14 (1.2)	18 (1.1)	0.056 J (0.1)	0.14 (0.11)	0.16 (0.11)	0.58 J (1.2)	0.04 J (0.11)	0.032 J (0.12)	0.31 (0.11)	0.84 (0.11)	11 (0.64)	4.4 (1.2)	2 (0.12)
Pyrene	96000	2200	1.2 (1.2)	1.2 (1.1)	0.12 (0.1)	0.053 J (0.11)	0.26 (0.11)	0.39 J (1.2)	0.065 J (0.11)	0.058 J (0.12)	0.52 (0.11)	1.2 (0.11)	5.2 (0.64)	2.8 (1.2)	0.83 (0.12)
Metals															
Lead	1000	450	295 (4.56)	138 (4.3)	7.15 (4.23)	26.8 (4.24)	79.8 (4.5)	51.8 (4.6)	27.9 (8.5)	18.7 (4.81)	400 (10.8)	43.6 (4.32)	1100 (24.5)	302 (4.54)	33.8 (4.81)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-R01-C1 401-R01	401-R01-C2 401-R01	401-R01-C3 401-R01	401-R01-C4 401-R01	402-A01-C1 402-A01	402-B01-C1 402-B01	402-C01-C1 402-C01	403-A01-C1 403-A01	403-A01-C2 403-A01	403-B01-C1 403-B01	403-B01-C2 403-B01	403-B01-C3 403-B01	403-B01-C4 403-B01	
Field Sample ID	Value (0-2 ft bgs)	Value	401-R01-C1-COMP	401-R01-C2-COMP	401-R01-C3-COMP	401-R01-C4-COMP	402-A01-C1-COMP	402-B01-C1-COMP	402-C01-C1-COMP	403-A01-C1-COMP	403-A01-C2-COMP	403-B01-C1-COMP	403-B01-C2-COMP	403-B01-C3-COMP	403-B01-C4-COMP	
Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/16/2024	8/16/2024	8/16/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	
PAHs																
Anthracene	190000	350	0.05 J (0.1)	0.32 (0.11)	0.51 (0.11)	0.62 (0.11)	0.32 (0.12)	0.18 (0.11)	0.08 J (0.14)	U (0.12)	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(a)anthracene	130	340	0.14 (0.1)	0.7 (0.11)	1 (0.11)	1.4 (0.11)	0.55 (0.12)	0.24 (0.11)	0.3 (0.14)	U (0.12)	U (0.14)	0.046 J (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(a)pyrene	91	46	0.13 J (0.14)	1 (0.14)	1.4 (0.14)	1.6 (0.15)	0.52 (0.16)	0.14 J (0.15)	0.32 (0.18)	U (0.16)	U (0.18)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	
Benzo(b)fluoranthene	76	170	0.21 (0.1)	0.91 (0.11)	1.4 (0.11)	1.8 (0.11)	0.71 (0.12)	0.32 (0.11)	0.43 (0.14)	U (0.12)	U (0.14)	0.035 J (0.12)	U (0.12)	U (0.12)	U (0.11)	
Benzo(g,h,i)perylene	190000	180	0.11 J (0.14)	1.2 (0.14)	1.8 (0.14)	1.5 (0.15)	0.7 (0.16)	0.14 J (0.15)	0.24 (0.18)	0.037 J (0.16)	U (0.18)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	
Chrysene	760	230	0.14 (0.1)	0.77 (0.11)	1.3 (0.11)	1.7 (0.11)	1.4 (0.12)	0.41 (0.11)	0.33 (0.14)	U (0.12)	U (0.14)	0.081 J (0.12)	U (0.12)	U (0.12)	U (0.11)	
Fluorene	130000	3800	U (0.17)	0.32 (0.18)	0.53 (0.18)	0.77 (0.19)	0.22 (0.2)	0.3 (0.19)	0.023 J (0.23)	U (0.2)	U (0.22)	U (0.19)	U (0.21)	U (0.2)	U (0.19)	
Naphthalene	66	25	U (0.034)	1.6 (0.036)	1.6 (0.036)	1.2 (0.038)	1.1 (0.041)	0.47 (0.038)	0.12 (0.045)	U (0.04)	U (0.045)	U (0.038)	U (0.041)	U (0.039)	U (0.038)	
Phenanthrene	190000	10000	0.083 J (0.1)	1 (0.11)	1.9 (0.11)	3.1 (0.11)	0.86 (0.12)	0.91 (0.11)	0.14 (0.14)	U (0.12)	U (0.14)	0.074 J (0.12)	U (0.12)	U (0.12)	U (0.11)	
Pyrene	96000	2200	0.22 (0.1)	1.1 (0.11)	1.8 (0.11)	2.4 (0.11)	0.82 (0.12)	0.53 (0.11)	0.46 (0.14)	U (0.12)	U (0.14)	0.092 J (0.12)	U (0.12)	U (0.12)	U (0.11)	
Metals																
Lead	1000	450	46.9 (32.8)	89.4 (4.38)	212 (4.26)	96.6 (4.54)	1180 (9.64)	60.1 (8.58)	175 (5.37)	393 (4.75)	11.5 (5.3)	126 (4.57)	8.92 (4.77)	42 (4.49)	6.52 (4.59)	

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	403-B01-C5	403-C01-C1	403-C01-C2	403-C01-C3	403-C01-C4	403-C01-C5	403-C02-C1	403-D01-C1	403-D01-C2	403-D01-C3	403-E01-C1	403-F01-C1	403-G01-C1	
Cell	Direct Contact Numeric	Groundwater Numeric	403-B01	403-C01	403-C01	403-C01	403-C01	403-C01	403-C02	403-D01	403-D01	403-D01	403-E01	403-F01	403-G01	
Field Sample ID	Value (0-2 ft bgs)	Value	403-B01-C5-COMP	403-C01-C1-COMP	403-C01-C2-COMP	403-C01-C3-COMP	403-C01-C4-COMP	403-C01-C5-COMP	403-C02-C1-COMP	403-D01-C1-COMP	403-D01-C2-COMP	403-D01-C3-COMP	403-E01-C1-COMP	403-F01-C1-COMP	403-G01-C1-COMP	
Sample Date	(mg/kg)	(mg/kg)	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	
PAHs																
Anthracene	190000	350	U (0.11)	U (0.11)	0.096 J (0.11)	0.064 J (0.13)	3.4 (2.3)	0.73 (0.11)	U (0.12)	U (0.11)	0.3 (0.11)	0.29 (0.11)	0.093 J (0.11)	0.043 J (0.11)	0.3 (0.12)	
Benzo(a)anthracene	130	340	U (0.11)	0.02 J (0.11)	0.22 (0.11)	0.082 J (0.13)	4.2 (2.3)	0.34 (0.11)	U (0.12)	0.028 J (0.11)	0.25 (0.11)	0.24 (0.11)	0.13 (0.11)	0.088 J (0.11)	0.11 J (0.12)	
Benzo(a)pyrene	91	46	U (0.14)	U (0.15)	0.3 (0.15)	0.11 J (0.17)	3.6 (3.1)	0.19 (0.15)	U (0.16)	U (0.15)	0.18 (0.14)	0.18 (0.14)	0.16 (0.15)	0.1 J (0.15)	0.095 J (0.15)	
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	0.26 (0.11)	U (0.13)	3.3 (2.3)	0.22 (0.11)	U (0.12)	0.037 J (0.11)	U (0.11)	0.14 (0.11)	0.14 (0.11)	0.12 (0.11)	0.11 J (0.12)	
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.15)	0.35 (0.15)	U (0.17)	2.5 J (3.1)	0.18 (0.15)	U (0.16)	U (0.15)	0.18 (0.14)	0.15 (0.14)	0.18 (0.15)	0.14 J (0.15)	0.14 J (0.15)	
Chrysene	760	230	U (0.11)	0.028 J (0.11)	0.5 (0.11)	0.21 (0.13)	6.1 (2.3)	0.77 (0.11)	U (0.12)	0.044 J (0.11)	0.54 (0.11)	0.46 (0.11)	0.14 (0.11)	0.11 (0.11)	0.16 (0.12)	
Fluorene	130000	3800	U (0.18)	U (0.18)	0.15 J (0.18)	0.14 J (0.22)	4.7 (3.8)	1.7 (0.19)	U (0.19)	0.055 J (0.18)	0.87 (0.18)	0.82 (0.18)	U (0.19)	0.018 J (0.19)	0.25 (0.19)	
Naphthalene	66	25	U (0.036)	U (0.036)	0.045 (0.036)	U (0.043)	2.2 (0.77)	1.4 (0.037)	U (0.039)	0.035 J (0.037)	U (0.036)	U (0.035)	0.097 (0.038)	0.075 (0.038)	0.14 (0.038)	
Phenanthrene	190000	10000	U (0.11)	0.053 J (0.11)	0.16 (0.11)	0.26 (0.13)	17 (2.3)	4.4 (0.11)	U (0.12)	0.15 (0.11)	2.5 (0.11)	2.4 (0.11)	0.37 (0.11)	0.15 (0.11)	0.59 (0.12)	
Pyrene	96000	2200	U (0.11)	0.034 J (0.11)	0.43 (0.11)	0.23 (0.13)	8.9 (2.3)	1.2 (0.11)	U (0.12)	0.05 J (0.11)	0.55 (0.11)	0.53 (0.11)	0.26 (0.11)	0.16 (0.11)	0.28 (0.12)	
Metals																
Lead	1000	450	5.73 (4.2)	72.9 (8.83)	219 (4.37)	27.4 (10.1)	1140 (4.64)	1810 (8.85)	193 (4.6)	39.4 (4.45)	265 (4.28)	357 (4.18)	304 (4.34)	424 (4.41)	165 (9.12)	

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	404-A01-C1 404-A01	404-B01-C1 404-B01	404-B02-C1 404-B02	404-C01-C1 404-C01	404-D01-C1 404-D01	404-E01-C1 404-E01	404-F01-C1 404-F01
Field Sample ID	Value (0-2 ft bgs)	Value	404-A01-C1-COMP	404-B01-C1-COMP	404-B02-C1-COMP	404-C01-C1-COMP	404-D01-C1-COMP	404-E01-C1-COMP	404-F01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/14/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024
PAHs									
Anthracene	190000	350	0.5 (0.12)	0.26 (0.12)	0.071 J (0.11)	1 (0.11)	1.2 (0.11)	1.3 (0.12)	1.1 (0.12)
Benzo(a)anthracene	130	340	0.71 (0.12)	0.58 (0.12)	0.22 (0.11)	1.4 (0.11)	1.7 (0.11)	1.8 (0.12)	2.2 (0.12)
Benzo(a)pyrene	91	46	0.52 (0.15)	0.44 (0.17)	0.29 (0.14)	1.2 (0.15)	1.7 (0.15)	1.4 (0.16)	2.7 (0.16)
Benzo(b)fluoranthene	76	170	0.5 (0.12)	0.48 (0.12)	0.42 (0.11)	1.5 (0.11)	2.1 (0.11)	1.6 (0.12)	3.6 (0.12)
Benzo(g,h,i)perylene	190000	180	0.37 (0.15)	0.31 (0.17)	0.3 (0.14)	0.77 (0.15)	1.2 (0.15)	0.83 (0.16)	2 (0.16)
Chrysene	760	230	1.2 (0.12)	1.1 (0.12)	0.26 (0.11)	1.2 (0.11)	1.8 (0.11)	2.4 (0.12)	2.3 (0.12)
Fluorene	130000	3800	0.48 (0.19)	0.14 J (0.21)	U (0.18)	1.6 (0.19)	0.92 (0.19)	3.8 (0.2)	0.32 (0.19)
Naphthalene	66	25	0.77 (0.039)	0.2 (0.042)	0.074 (0.036)	1.3 (0.038)	0.97 (0.037)	1 (0.04)	0.61 (0.039)
Phenanthrene	190000	10000	0.55 (0.12)	0.46 (0.12)	0.2 (0.11)	4 (0.11)	3.8 (0.11)	7.2 (0.12)	2.4 (0.12)
Pyrene	96000	2200	3.4 (0.12)	1.8 (0.12)	0.39 (0.11)	2.1 (0.11)	3.2 (0.11)	4.6 (0.12)	3.5 (0.12)
Metals									
Lead	1000	450	279 (4.45)	204 (5.01)	81 (8.5)	180 (4.56)	300 (4.42)	193 (18.5)	211 (9.06)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- 3 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 No concentrations exceed the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-01-C1 401-MA3-1-01	401-MA3-1-02-C1 401-MA3-1-02	401-MA3-1-02-C2 401-MA3-1-02	401-MA3-1-03-C1 401-MA3-1-03	401-MA3-1-03-C2 401-MA3-1-03	401-MA3-1-03-C3 401-MA3-1-03	401-MA3-1-03-C4 401-MA3-1-03	401-MA3-1-03-C5 401-MA3-1-03	401-MA3-1-05-C1 401-MA3-1-05	401-MA3-1-07-C1 401-MA3-1-07
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-01-C1-COMP	401-MA3-1-02-C1-COMP	401-MA3-1-02-C2-COMP	401-MA3-1-03-C1-COMP	401-MA3-1-03-C2-COMP	401-MA3-1-03-C3-COMP	401-MA3-1-03-C4-COMP	401-MA3-1-03-C5-COMP	401-MA3-1-05-C1-COMP	401-MA3-1-07-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/14/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/20/2025
PAHs												
Anthracene	190000	350	0.14 (0.12)	U (0.12)	U (0.12)	0.21 (0.12)	0.096 J (0.12)	U (0.12)	U (0.12)	U (0.12)	0.1 J (0.11)	0.06 J (0.12)
Benzo(a)anthracene	130	340	0.44 (0.12)	0.036 J (0.12)	0.03 J (0.12)	0.55 (0.12)	0.54 (0.12)	0.08 J (0.12)	0.026 J (0.12)	0.03 J (0.12)	0.078 J (0.11)	0.24 (0.12)
Benzo(a)pyrene	91	46	0.44 (0.16)	U (0.15)	U (0.16)	0.52 (0.16)	0.58 (0.16)	0.093 J (0.16)	U (0.16)	U (0.16)	0.07 J (0.15)	0.22 (0.16)
Benzo(b)fluoranthene	76	170	0.54 (0.12)	0.046 J (0.12)	0.038 J (0.12)	0.65 (0.12)	0.71 (0.12)	0.11 J (0.12)	U (0.12)	0.049 J (0.12)	0.092 J (0.11)	0.27 (0.12)
Benzo(g,h,i)perylene	190000	180	0.25 (0.16)	0.03 J (0.15)	U (0.16)	0.3 (0.16)	0.34 (0.16)	0.057 J (0.16)	U (0.16)	0.036 J (0.16)	0.05 J (0.15)	0.13 J (0.16)
Chrysene	760	230	0.45 (0.12)	0.042 J (0.12)	0.03 J (0.12)	0.57 (0.12)	0.55 (0.12)	0.081 J (0.12)	0.026 J (0.12)	0.027 J (0.12)	0.12 (0.11)	0.24 (0.12)
Fluorene	130000	3800	0.062 J (0.2)	U (0.19)	U (0.2)	0.085 J (0.2)	0.041 J (0.19)	U (0.2)	U (0.2)	U (0.2)	0.14 J (0.19)	0.047 J (0.2)
Naphthalene	66	25	0.058 (0.039)	U (0.038)	U (0.04)	0.083 (0.039)	0.1 (0.039)	U (0.04)	U (0.04)	U (0.04)	0.3 (0.037)	0.073 (0.04)
Phenanthrene	190000	10000	0.61 (0.12)	0.046 J (0.12)	0.028 J (0.12)	0.82 (0.12)	0.39 (0.12)	0.08 J (0.12)	0.042 J (0.12)	0.031 J (0.12)	0.28 (0.11)	0.28 (0.12)
Pyrene	96000	2200	0.71 (0.12)	0.037 J (0.12)	0.026 J (0.12)	1 (0.12)	0.77 (0.12)	0.091 J (0.12)	0.024 J (0.12)	0.035 J (0.12)	0.14 (0.11)	0.4 (0.12)
Metals												
Lead	1000	450	91.9 (4.65)	52.6 (4.47)	58.3 (4.81)	126 (4.58)	180 (4.69)	95.6 (4.51)	67.8 (4.62)	131 (4.83)	75.8 (4.38)	53.9 (4.85)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-07-C2	401-MA3-1-08-C1	401-MA3-1-09-C1	401-MA3-1-09-C2	401-MA3-1-09-C3	401-MA3-1-09-C4	401-MA3-1-09-C5	401-MA3-1-10-C1	401-MA3-1-10-C2	401-MA3-1-10-C3
			401-MA3-1-07	401-MA3-1-08	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09	401-MA3-1-10	401-MA3-1-10	401-MA3-1-10
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-07-C2-COMP	401-MA3-1-08-C1-COMP	401-MA3-1-09-C1-COMP	401-MA3-1-09-C2-COMP	401-MA3-1-09-C3-COMP	401-MA3-1-09-C4-COMP	401-MA3-1-09-C5-COMP	401-MA3-1-10-C1-COMP	401-MA3-1-10-C2-COMP	401-MA3-1-10-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	1/20/2025	1/20/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025
PAHs												
Anthracene	190000	350	0.053 J (0.11)	0.24 (0.12)	U (0.11)	U (0.56)	0.13 (0.12)	U (1.2)	U (2.2)	U (1)	0.071 J (0.11)	U (0.11)
Benzo(a)anthracene	130	340	0.079 J (0.11)	0.43 (0.12)	0.23 (0.11)	0.33 J (0.56)	0.15 (0.12)	0.32 J (1.2)	U (2.2)	U (1)	0.069 J (0.11)	0.041 J (0.11)
Benzo(a)pyrene	91	46	0.071 J (0.15)	0.39 (0.16)	0.3 (0.14)	0.36 J (0.75)	0.18 (0.15)	U (1.6)	U (3)	U (1.4)	0.064 J (0.14)	U (0.14)
Benzo(b)fluoranthene	76	170	0.09 J (0.11)	0.69 (0.12)	0.43 (0.11)	0.5 J (0.56)	0.22 (0.12)	0.35 J (1.2)	U (2.2)	U (1)	0.093 J (0.11)	0.047 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.055 J (0.15)	0.37 (0.16)	0.31 (0.14)	0.46 J (0.75)	0.25 (0.15)	0.48 J (1.6)	U (3)	U (1.4)	0.087 J (0.14)	0.056 J (0.14)
Chrysene	760	230	0.082 J (0.11)	0.59 (0.12)	0.3 (0.11)	0.4 J (0.56)	0.21 (0.12)	0.36 J (1.2)	U (2.2)	U (1)	0.085 J (0.11)	0.059 J (0.11)
Fluorene	130000	3800	0.067 J (0.19)	0.076 J (0.2)	U (0.18)	0.27 J (0.94)	0.89 (0.19)	0.87 J (2)	1.5 J (3.7)	U (1.8)	0.26 (0.18)	0.15 J (0.18)
Naphthalene	66	25	U (0.038)	0.19 (0.041)	0.12 (0.036)	2 (0.19)	14 (0.19)	33 (0.4)	30 (0.74)	U (0.35)	7.8 (0.18)	1.7 (0.036)
Phenanthrene	190000	10000	0.14 (0.11)	0.53 (0.12)	0.15 (0.11)	0.6 (0.56)	1 (0.12)	1.2 (1.2)	2.4 (2.2)	U (1)	0.69 (0.11)	0.35 (0.11)
Pyrene	96000	2200	0.13 (0.11)	0.68 (0.12)	0.29 (0.11)	0.54 J (0.56)	0.23 (0.12)	0.38 J (1.2)	U (2.2)	U (1)	0.12 (0.11)	0.051 J (0.11)
Metals												
Lead	1000	450	362 (4.36)	934 (4.9)	222 (42)	2370 (4.29)	2380 (4.33)	898 (4.64)	181 (4.47)	14.6 (4.18)	340 (4.15)	114 (4.14)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-10-C4	401-MA3-1-10-C5	401-MA3-1-11-C1	401-MA3-1-11-C2	401-MA3-1-12-C1	401-MA3-1-12-C2	401-MA3-1-13-C1	401-MA3-1-13-C2	401-MA3-1-14-C1	401-MA3-1-14-C2
			401-MA3-1-10	401-MA3-1-10	401-MA3-1-11	401-MA3-1-11	401-MA3-1-12	401-MA3-1-12	401-MA3-1-13	401-MA3-1-13	401-MA3-1-14	401-MA3-1-14
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-10-C4-COMP	401-MA3-1-10-C5-COMP	401-MA3-1-11-C1-COMP	401-MA3-1-11-C2-COMP	401-MA3-1-12-C1-COMP	401-MA3-1-12-C2-COMP	401-MA3-1-13-C1-COMP	401-MA3-1-13-C2-COMP	401-MA3-1-14-C1-COMP	401-MA3-1-14-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/24/2025	1/24/2025
PAHs												
Anthracene	190000	350	U (0.11)	U (0.12)	18 (1.3)	0.16 (0.13)	0.34 (0.11)	0.1 J (0.11)	0.083 J (0.11)	0.28 (0.11)	0.09 J (0.11)	0.31 (0.11)
Benzo(a)anthracene	130	340	0.022 J (0.11)	0.026 J (0.12)	41 (1.3)	0.075 J (0.13)	0.19 (0.11)	0.07 J (0.11)	0.14 (0.11)	0.64 (0.11)	0.27 (0.11)	0.93 (0.11)
Benzo(a)pyrene	91	46	U (0.15)	U (0.16)	40 (1.8)	U (0.18)	0.14 (0.14)	0.062 J (0.14)	0.17 (0.15)	0.56 (0.15)	0.25 (0.15)	1.2 (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.12)	57 (1.3)	0.068 J (0.13)	0.1 J (0.11)	0.052 J (0.11)	0.18 (0.11)	0.62 (0.11)	0.34 (0.11)	1.5 (0.11)
Benzo(g,h,i)perylene	190000	180	0.023 J (0.15)	U (0.16)	22 (1.8)	0.068 J (0.18)	0.1 J (0.14)	0.063 J (0.14)	0.14 J (0.15)	0.32 (0.15)	0.26 (0.15)	1 (0.15)
Chrysene	760	230	0.025 J (0.11)	0.042 J (0.12)	32 (1.3)	0.079 J (0.13)	0.25 (0.11)	0.087 J (0.11)	0.19 (0.11)	0.68 (0.11)	0.28 (0.11)	0.94 (0.11)
Fluorene	130000	3800	0.08 J (0.18)	0.32 (0.2)	18 (2.2)	0.33 (0.22)	0.46 (0.18)	0.14 J (0.18)	0.98 (0.19)	1.9 (0.19)	0.052 J (0.19)	0.05 J (0.19)
Naphthalene	66	25	0.72 (0.037)	0.19 (0.04)	9 (0.44)	0.61 (0.044)	0.19 (0.035)	0.084 (0.035)	U (0.036)	0.06 (0.038)	0.29 (0.038)	0.4 (0.038)
Phenanthrene	190000	10000	0.18 (0.11)	0.73 (0.12)	50 (1.3)	0.57 (0.13)	1.7 (0.11)	0.5 (0.11)	1.6 (0.11)	3.8 (0.11)	0.3 (0.11)	0.71 (0.11)
Pyrene	96000	2200	0.032 J (0.11)	0.035 J (0.12)	70 (1.3)	0.23 (0.13)	0.67 (0.11)	0.2 (0.11)	0.18 (0.11)	0.8 (0.11)	0.42 (0.11)	1.1 (0.11)
Metals												
Lead	1000	450	48.8 (4.3)	7.11 J (9.28)	357 (5.36)	84.6 (5.12)	14.6 (4.2)	11.4 (4.05)	156 (4.58)	98.1 (4.59)	457 (4.66)	158 (4.44)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-15-C1 401-MA3-1-15	401-MA3-1-16-C1 401-MA3-1-16	401-MA3-1-16-C2 401-MA3-1-16	401-MA3-1-17-C1 401-MA3-1-17	401-MA3-1-18-C1 401-MA3-1-18	401-MA3-1-18-C2 401-MA3-1-18	401-MA3-1-18-C3 401-MA3-1-18	401-MA3-1-18-C4 401-MA3-1-18	401-MA3-1-18-C5 401-MA3-1-18	401-MA3-1-19-C1 401-MA3-1-19
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-15-C1-COMP	401-MA3-1-16-C1-COMP	401-MA3-1-16-C2-COMP	401-MA3-1-17-C1-COMP	401-MA3-1-18-C1-COMP	401-MA3-1-18-C2-COMP	401-MA3-1-18-C3-COMP	401-MA3-1-18-C4-COMP	401-MA3-1-18-C5-COMP	401-MA3-1-19-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/16/2025	1/22/2025	1/22/2025	1/22/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/20/2025
PAHs												
Anthracene	190000	350	0.092 J (0.12)	0.11 J (0.12)	0.14 (0.11)	0.053 J (0.12)	0.3 (0.11)	0.6 (0.11)	1.9 (0.55)	0.24 (0.12)	0.98 (0.63)	4.1 (0.11)
Benzo(a)anthracene	130	340	0.064 J (0.12)	0.092 J (0.12)	0.052 J (0.11)	U (0.12)	1.1 (0.11)	0.91 (0.11)	7.3 (0.55)	0.2 (0.12)	1.5 (0.63)	6.4 (0.11)
Benzo(a)pyrene	91	46	0.064 J (0.16)	0.07 J (0.16)	U (0.15)	U (0.15)	0.94 (0.15)	0.71 (0.14)	5.2 (0.73)	0.17 (0.16)	1.1 (0.84)	6.5 (0.15)
Benzo(b)fluoranthene	76	170	0.1 J (0.12)	0.086 J (0.12)	0.049 J (0.11)	U (0.12)	1.2 (0.11)	1 (0.11)	8 (0.55)	0.23 (0.12)	1.4 (0.63)	7.3 (0.57)
Benzo(g,h,i)perylene	190000	180	0.088 J (0.16)	0.047 J (0.16)	0.037 J (0.15)	U (0.15)	0.55 (0.15)	0.51 (0.14)	5.5 (0.73)	0.18 (0.16)	0.68 J (0.84)	4.7 (0.15)
Chrysene	760	230	0.087 J (0.12)	0.084 J (0.12)	0.065 J (0.11)	U (0.12)	1.1 (0.11)	1 (0.11)	8.2 (0.55)	0.33 (0.12)	1.6 (0.63)	5.4 (0.11)
Fluorene	130000	3800	0.19 J (0.2)	0.19 J (0.2)	0.35 (0.18)	0.11 J (0.19)	0.2 (0.19)	1.8 (0.18)	4 (0.92)	2.7 (0.2)	3 (1)	2.4 (0.19)
Naphthalene	66	25	1.4 (0.04)	U (0.04)	U (0.037)	0.81 (0.038)	0.35 (0.038)	1.4 (0.036)	0.73 (0.18)	0.64 (0.039)	2.3 (0.21)	1.6 (0.038)
Phenanthrene	190000	10000	0.24 (0.12)	0.33 (0.12)	0.69 (0.11)	0.25 (0.12)	1.2 (0.11)	5 (0.11)	14 (0.55)	6.1 (0.12)	7 (0.63)	12 (0.57)
Pyrene	96000	2200	0.12 (0.12)	0.23 (0.12)	0.13 (0.11)	0.054 J (0.12)	1.6 (0.11)	1.8 (0.11)	12 (0.55)	0.42 (0.12)	2.5 (0.63)	9 (0.57)
Metals												
Lead	1000	450	206 (23.7)	11.4 (4.67)	20.3 (4.3)	4.99 (4.42)	251 (4.6)	177 (4.41)	201 (4.37)	118 (47.3)	105 (4.96)	124 (4.53)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-20-C1	401-MA3-1-20-C2	401-MA3-1-20-C3	401-MA3-1-20-C4	401-MA3-1-20-C5	401-MA3-1-21-C1	401-MA3-1-21-C2	401-MA3-1-21-C3	401-MA3-1-21-C4	401-MA3-1-21-C5
	Direct Contact	Groundwater	401-MA3-1-20	401-MA3-1-20	401-MA3-1-20	401-MA3-1-20	401-MA3-1-20	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21	401-MA3-1-21
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-20-C1-COMP	401-MA3-1-20-C2-COMP	401-MA3-1-20-C3-COMP	401-MA3-1-20-C4-COMP	401-MA3-1-20-C5-COMP	401-MA3-1-21-C1-COMP	401-MA3-1-21-C2-COMP	401-MA3-1-21-C3-COMP	401-MA3-1-21-C4-COMP	401-MA3-1-21-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025
PAHs												
Anthracene	190000	350	U (0.11)	0.046 J (0.11)	0.21 (0.11)	0.17 (0.12)	0.2 (0.12)	U (0.11)	U (0.64)	U (0.12)	0.15 (0.12)	U (0.12)
Benzo(a)anthracene	130	340	0.037 J (0.11)	0.08 J (0.11)	0.31 (0.11)	0.22 (0.12)	0.19 (0.12)	U (0.11)	0.16 J (0.64)	0.26 (0.12)	0.74 (0.12)	0.024 J (0.12)
Benzo(a)pyrene	91	46	U (0.14)	0.086 J (0.14)	0.3 (0.15)	0.2 (0.16)	0.14 J (0.15)	U (0.15)	U (0.86)	0.3 (0.16)	0.98 (0.16)	U (0.16)
Benzo(b)fluoranthene	76	170	0.053 J (0.11)	0.12 (0.11)	0.36 (0.11)	0.25 (0.12)	0.22 (0.12)	U (0.11)	0.18 J (0.64)	0.31 (0.12)	1 (0.12)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.044 J (0.14)	0.077 J (0.14)	0.24 (0.15)	0.14 J (0.16)	0.13 J (0.15)	U (0.15)	U (0.86)	0.22 (0.16)	0.52 (0.16)	U (0.16)
Chrysene	760	230	0.065 J (0.11)	0.097 J (0.11)	0.31 (0.11)	0.24 (0.12)	0.21 (0.12)	0.023 J (0.11)	0.28 J (0.64)	0.3 (0.12)	0.69 (0.12)	0.027 J (0.12)
Fluorene	130000	3800	0.039 J (0.18)	0.28 (0.18)	0.18 J (0.19)	0.44 (0.2)	0.54 (0.19)	0.36 (0.19)	1.4 (1.1)	0.73 (0.2)	0.24 (0.2)	0.1 J (0.2)
Naphthalene	66	25	0.16 (0.036)	0.66 (0.036)	0.35 (0.038)	0.4 (0.039)	0.54 (0.038)	0.42 (0.038)	3.6 (0.21)	2.7 (0.04)	0.67 (0.04)	0.22 (0.04)
Phenanthrene	190000	10000	0.052 J (0.11)	0.24 (0.11)	0.65 (0.11)	0.7 (0.12)	0.97 (0.12)	0.54 (0.11)	5.3 (0.64)	1.2 (0.12)	0.42 (0.12)	0.18 (0.12)
Pyrene	96000	2200	0.075 J (0.11)	0.15 (0.11)	0.51 (0.11)	0.49 (0.12)	0.4 (0.12)	0.072 J (0.11)	0.7 (0.64)	0.34 (0.12)	0.5 (0.12)	0.049 J (0.12)
Metals												
Lead	1000	450	40 (4.29)	135 (4.3)	86.3 (4.62)	356 (4.85)	793 (4.7)	49.6 (46.1)	60.1 (4.95)	49.3 (4.73)	9.59 (4.54)	26.8 (4.79)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-22-C1	401-MA3-1-22-C2	401-MA3-1-22-C3	401-MA3-1-22-C4	401-MA3-1-22-C5	401-MA3-1-23-C1	401-MA3-1-23-C2	401-MA3-1-23-C3	401-MA3-1-23-C4	401-MA3-1-23-C5
			401-MA3-1-22	401-MA3-1-22	401-MA3-1-22	401-MA3-1-22	401-MA3-1-22	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-22-C1-COMP	401-MA3-1-22-C2-COMP	401-MA3-1-22-C3-COMP	401-MA3-1-22-C4-COMP	401-MA3-1-22-C5-COMP	401-MA3-1-23-C1-COMP	401-MA3-1-23-C2-COMP	401-MA3-1-23-C3-COMP	401-MA3-1-23-C4-COMP	401-MA3-1-23-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/20/2025	1/20/2025	1/20/2025	1/20/2025	1/20/2025
PAHs												
Anthracene	190000	350	0.14 (0.11)	0.2 (0.11)	0.15 (0.12)	0.18 (0.11)	1.2 (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)
Benzo(a)anthracene	130	340	0.12 (0.11)	0.09 J (0.11)	0.21 (0.12)	0.22 (0.11)	5 (0.11)	0.021 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)
Benzo(a)pyrene	91	46	0.11 J (0.15)	0.078 J (0.15)	0.29 (0.16)	0.21 (0.15)	4.5 (0.15)	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.14)
Benzo(b)fluoranthene	76	170	0.14 (0.11)	0.086 J (0.11)	0.28 (0.12)	0.23 (0.11)	5.2 (0.11)	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)
Benzo(g,h,i)perylene	190000	180	0.11 J (0.15)	0.069 J (0.15)	0.32 (0.16)	0.18 (0.15)	2.1 (0.15)	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.14)
Chrysene	760	230	0.11 (0.11)	0.1 J (0.11)	0.28 (0.12)	0.24 (0.11)	4.5 (0.11)	0.024 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)
Fluorene	130000	3800	1.2 (0.19)	1.6 (0.18)	0.63 (0.2)	0.8 (0.19)	0.39 (0.18)	0.19 (0.18)	0.1 J (0.18)	0.055 J (0.19)	0.021 J (0.18)	0.055 J (0.18)
Naphthalene	66	25	0.68 (0.038)	3.3 (0.037)	0.33 (0.039)	0.33 (0.038)	0.17 (0.037)	0.57 (0.035)	0.18 (0.036)	U (0.038)	U (0.036)	U (0.035)
Phenanthrene	190000	10000	1.2 (0.11)	2 (0.11)	1.5 (0.12)	1.5 (0.11)	3.2 (0.11)	0.32 (0.11)	0.17 (0.11)	0.094 J (0.12)	0.026 J (0.11)	0.04 J (0.1)
Pyrene	96000	2200	0.23 (0.11)	0.17 (0.11)	0.34 (0.12)	0.37 (0.11)	5 (0.11)	0.052 J (0.11)	U (0.11)	U (0.12)	U (0.11)	0.027 J (0.1)
Metals												
Lead	1000	450	43.2 (4.5)	40.4 (9.03)	104 (4.9)	495 (4.52)	94.5 (4.44)	8.73 (4.23)	6.53 J (8.32)	4.45 J (9.28)	4.41 J (8.29)	5.06 J (8.19)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-24-C1	401-MA3-1-25-C1	401-MA3-1-25-C2	401-MA3-1-25-C3	401-MA3-1-25-C4	401-MA3-1-25-C5	401-MA3-1-26-C1	401-MA3-1-27-C1	401-MA3-1-32-C1	401-MA3-1-33-C1
	Direct Contact	Groundwater	401-MA3-1-24	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25	401-MA3-1-25	401-MA3-1-26	401-MA3-1-27	401-MA3-1-32	401-MA3-1-33
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-24-C1-COMP	401-MA3-1-25-C1-COMP	401-MA3-1-25-C2-COMP	401-MA3-1-25-C3-COMP	401-MA3-1-25-C4-COMP	401-MA3-1-25-C5-COMP	401-MA3-1-26-C1-COMP	401-MA3-1-27-C1-COMP	401-MA3-1-32-C1-COMP	401-MA3-1-33-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/30/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/21/2025	1/21/2025	1/30/2025	1/30/2025
PAHs												
Anthracene	190000	350	0.054 J (0.12)	0.96 (0.56)	3.4 (0.11)	1.1 (0.11)	0.4 (0.11)	0.37 (0.11)	0.54 J (0.58)	0.29 (0.11)	U (1.2)	0.11 J (0.12)
Benzo(a)anthracene	130	340	0.11 J (0.12)	0.76 (0.56)	0.47 (0.11)	0.1 J (0.11)	0.038 J (0.11)	0.065 J (0.11)	0.31 J (0.58)	0.023 J (0.11)	U (1.2)	0.038 J (0.12)
Benzo(a)pyrene	91	46	0.1 J (0.15)	0.78 (0.75)	0.38 (0.15)	0.071 J (0.15)	U (0.15)	U (0.15)	U (0.78)	U (0.14)	U (1.5)	U (0.16)
Benzo(b)fluoranthene	76	170	0.12 (0.12)	0.94 (0.56)	0.45 (0.11)	0.065 J (0.11)	U (0.11)	0.04 J (0.11)	0.16 J (0.58)	U (0.11)	U (1.2)	U (0.12)
Benzo(g,h,i)perylene	190000	180	0.078 J (0.15)	0.45 J (0.75)	0.23 (0.15)	0.11 J (0.15)	U (0.15)	0.024 J (0.15)	0.17 J (0.78)	0.035 J (0.14)	U (1.5)	U (0.16)
Chrysene	760	230	0.11 J (0.12)	0.77 (0.56)	0.44 (0.11)	0.15 (0.11)	0.058 J (0.11)	0.08 J (0.11)	0.47 J (0.58)	0.03 J (0.11)	U (1.2)	0.11 J (0.12)
Fluorene	130000	3800	0.1 J (0.19)	2 (0.93)	6.4 (0.18)	3.6 (0.19)	1.4 (0.19)	1 (0.19)	1.4 (0.97)	0.65 (0.18)	0.31 J (1.9)	0.58 (0.2)
Naphthalene	66	25	0.2 (0.038)	U (0.19)	U (0.037)	1.9 (0.038)	U (0.037)	U (0.038)	1.6 (0.19)	0.22 (0.036)	1.5 (0.38)	0.19 (0.04)
Phenanthrene	190000	10000	0.3 (0.12)	4.8 (0.56)	19 (0.56)	7.4 (0.11)	2.7 (0.11)	2.2 (0.11)	3.6 (0.58)	1.6 (0.11)	0.74 J (1.2)	1.4 (0.12)
Pyrene	96000	2200	0.2 (0.12)	1.5 (0.56)	2.1 (0.11)	0.79 (0.11)	0.2 (0.11)	0.26 (0.11)	1.5 (0.58)	0.29 (0.11)	U (1.2)	0.18 (0.12)
Metals												
Lead	1000	450	175 (4.54)	24.5 (4.41)	106 (4.48)	70.6 (4.55)	14.7 (4.4)	9.84 (4.39)	17.5 (4.7)	70.2 (4.26)	27.4 (4.73)	13.1 (4.74)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-34-C1	401-MA3-1-35-C1	401-MA3-1-40-C1	401-MA3-1-40-C2	401-MA3-1-41-C1	401-MA3-1-41-C2	401-MA3-1-41-C3	401-MA3-1-41-C4	401-MA3-1-41-C5	401-MA3-1-42-C1
	Direct Contact	Groundwater	401-MA3-1-34	401-MA3-1-35	401-MA3-1-40	401-MA3-1-40	401-MA3-1-41	401-MA3-1-41	401-MA3-1-41	401-MA3-1-41	401-MA3-1-41	401-MA3-1-42
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-34-C1-COMP	401-MA3-1-35-C1-COMP	401-MA3-1-40-C1-COMP	401-MA3-1-40-C2-COMP	401-MA3-1-41-C1-COMP	401-MA3-1-41-C2-COMP	401-MA3-1-41-C3-COMP	401-MA3-1-41-C4-COMP	401-MA3-1-41-C5-COMP	401-MA3-1-42-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/30/2025	1/30/2025	1/13/2025	1/13/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025
PAHs												
Anthracene	190000	350	U (0.12)	U (0.12)	1.9 (0.22)	0.21 J (0.24)	0.036 J (0.1)	1.2 (0.55)	0.33 (0.11)	0.099 J (0.11)	0.3 (0.1)	U (0.11)
Benzo(a)anthracene	130	340	U (0.12)	U (0.12)	3.4 (0.22)	0.13 J (0.24)	0.12 (0.1)	0.22 J (0.55)	0.13 (0.11)	0.092 J (0.11)	0.046 J (0.1)	0.08 J (0.11)
Benzo(a)pyrene	91	46	U (0.16)	U (0.16)	3 (0.29)	0.14 J (0.31)	0.15 (0.14)	U (0.74)	0.15 (0.14)	0.072 J (0.14)	0.048 J (0.14)	0.11 J (0.14)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.12)	3.4 (0.22)	0.11 J (0.24)	0.15 (0.1)	0.23 J (0.55)	0.17 (0.11)	0.096 J (0.11)	0.065 J (0.1)	0.15 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.16)	1.5 (0.29)	0.38 (0.31)	0.13 J (0.14)	0.18 J (0.74)	0.16 (0.14)	0.059 J (0.14)	0.053 J (0.14)	0.098 J (0.14)
Chrysene	760	230	U (0.12)	U (0.12)	3.4 (0.22)	0.19 J (0.24)	0.14 (0.1)	0.29 J (0.55)	0.17 (0.11)	0.11 (0.11)	0.067 J (0.1)	0.1 J (0.11)
Fluorene	130000	3800	0.05 J (0.2)	0.027 J (0.2)	1.4 (0.36)	0.65 (0.39)	0.053 J (0.17)	3 (0.92)	0.93 (0.18)	0.15 J (0.18)	0.83 (0.17)	0.031 J (0.18)
Naphthalene	66	25	U (0.04)	0.032 J (0.04)	2.4 (0.072)	2.7 (0.078)	0.23 (0.035)	3.5 (0.18)	0.68 (0.036)	0.69 (0.035)	0.18 (0.034)	0.12 (0.035)
Phenanthrene	190000	10000	0.093 J (0.12)	0.056 J (0.12)	7.7 (0.22)	1.4 (0.24)	0.17 (0.1)	6.3 (0.55)	2.5 (0.11)	0.42 (0.11)	1.1 (0.1)	0.12 (0.11)
Pyrene	96000	2200	U (0.12)	U (0.12)	4.9 (0.22)	0.23 J (0.24)	0.19 (0.1)	0.86 (0.55)	0.4 (0.11)	0.18 (0.11)	0.22 (0.1)	0.14 (0.11)
Metals												
Lead	1000	450	7.33 (4.85)	8.57 (4.78)	<u>2530 (4.23)</u>	356 (4.67)	178 (21)	134 (21.4)	<u>518 (21.3)</u>	155 (20.1)	323 (20.2)	21.6 (21.6)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-42-C2 401-MA3-1-42	401-MA3-1-42-C3 401-MA3-1-42	401-MA3-1-42-C4 401-MA3-1-42	401-MA3-1-42-C5 401-MA3-1-42	401-MA3-1-43-C1 401-MA3-1-43	401-MA3-1-43-C2 401-MA3-1-43	401-MA3-1-43-C3 401-MA3-1-43	401-MA3-1-43-C4 401-MA3-1-43	401-MA3-1-43-C5 401-MA3-1-43	401-MA3-1-44-C1 401-MA3-1-44
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-42-C2-COMP	401-MA3-1-42-C3-COMP	401-MA3-1-42-C4-COMP	401-MA3-1-42-C5-COMP	401-MA3-1-43-C1-COMP	401-MA3-1-43-C2-COMP	401-MA3-1-43-C3-COMP	401-MA3-1-43-C4-COMP	401-MA3-1-43-C5-COMP	401-MA3-1-44-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/24/2025
PAHs												
Anthracene	190000	350	0.23 (0.22)	0.39 J (0.6)	0.61 (0.61)	U (1.2)	U (0.21)	0.82 (0.11)	U (0.62)	0.076 J (0.12)	0.046 J (0.12)	0.05 J (0.11)
Benzo(a)anthracene	130	340	0.13 J (0.22)	0.16 J (0.6)	0.21 J (0.61)	0.22 J (1.2)	0.11 J (0.21)	0.62 (0.11)	0.17 J (0.62)	0.086 J (0.12)	0.042 J (0.12)	0.33 (0.11)
Benzo(a)pyrene	91	46	0.16 J (0.29)	U (0.79)	U (0.82)	U (1.6)	0.21 J (0.28)	1.8 (0.15)	U (0.83)	0.071 J (0.16)	U (0.16)	0.44 (0.14)
Benzo(b)fluoranthene	76	170	0.16 J (0.22)	U (0.6)	U (0.61)	U (1.2)	0.23 (0.21)	2.6 (0.11)	0.18 J (0.62)	0.069 J (0.12)	0.055 J (0.12)	0.61 (0.11)
Benzo(g,h,i)perylene	190000	180	0.18 J (0.29)	0.17 J (0.79)	0.16 J (0.82)	U (1.6)	0.77 (0.28)	1.9 (0.15)	0.13 J (0.83)	0.078 J (0.16)	0.034 J (0.16)	0.35 (0.14)
Chrysene	760	230	0.26 (0.22)	0.19 J (0.6)	0.24 J (0.61)	U (1.2)	0.13 J (0.21)	0.87 (0.11)	0.18 J (0.62)	0.11 J (0.12)	0.058 J (0.12)	0.44 (0.11)
Fluorene	130000	3800	1.2 (0.36)	1.6 (0.99)	3.4 (1)	1.1 J (2)	U (0.35)	0.22 (0.19)	0.71 J (1)	0.22 (0.2)	0.14 J (0.21)	0.042 J (0.18)
Naphthalene	66	25	0.93 (0.072)	2.7 (0.2)	3.2 (0.2)	15 (0.39)	0.082 (0.07)	1.3 (0.038)	1.9 (0.21)	0.83 (0.039)	0.89 (0.041)	0.1 (0.036)
Phenanthrene	190000	10000	1.5 (0.22)	2.3 (0.6)	5.8 (0.61)	1.6 (1.2)	0.12 J (0.21)	0.47 (0.11)	0.96 (0.62)	0.36 (0.12)	0.23 (0.12)	0.44 (0.11)
Pyrene	96000	2200	0.28 (0.22)	0.31 J (0.6)	0.5 J (0.61)	0.28 J (1.2)	0.15 J (0.21)	0.91 (0.11)	0.36 J (0.62)	0.15 (0.12)	0.071 J (0.12)	0.55 (0.11)
Metals												
Lead	1000	450	826 (22)	61.8 (24.2)	108 (4.98)	45.2 (23)	16.1 J (20.5)	543 (45.9)	819 (5.04)	62.9 (4.62)	50.5 (4.79)	157 (8.65)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-44-C2 401-MA3-1-44	401-MA3-1-44-C3 401-MA3-1-44	401-MA3-1-44-C4 401-MA3-1-44	401-MA3-1-44-C5 401-MA3-1-44	401-MA3-1-45-C1 401-MA3-1-45	401-MA3-1-45-C2 401-MA3-1-45	401-MA3-1-45-C3 401-MA3-1-45	401-MA3-1-45-C4 401-MA3-1-45	401-MA3-1-45-C5 401-MA3-1-45	401-MA3-1-46-C1 401-MA3-1-46
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-44-C2-COMP	401-MA3-1-44-C3-COMP	401-MA3-1-44-C4-COMP	401-MA3-1-44-C5-COMP	401-MA3-1-45-C1-COMP	401-MA3-1-45-C2-COMP	401-MA3-1-45-C3-COMP	401-MA3-1-45-C4-COMP	401-MA3-1-45-C5-COMP	401-MA3-1-46-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025
PAHs												
Anthracene	190000	350	0.039 J (0.11)	U (0.11)	0.063 J (0.11)	0.048 J (0.11)	U (1)	0.08 J (0.12)	0.18 (0.11)	U (2.4)	0.091 J (0.12)	0.35 (0.12)
Benzo(a)anthracene	130	340	0.11 (0.11)	0.062 J (0.11)	0.12 (0.11)	0.041 J (0.11)	U (1)	0.3 (0.12)	0.22 (0.11)	0.47 J (2.4)	0.069 J (0.12)	0.1 J (0.12)
Benzo(a)pyrene	91	46	0.15 (0.14)	0.069 J (0.14)	0.14 (0.14)	0.045 J (0.15)	U (1.4)	0.43 (0.16)	0.2 (0.14)	U (3.2)	0.056 J (0.16)	0.066 J (0.16)
Benzo(b)fluoranthene	76	170	0.22 (0.11)	0.085 J (0.11)	0.2 (0.11)	0.062 J (0.11)	U (1)	0.5 (0.12)	0.28 (0.11)	U (2.4)	0.052 J (0.12)	0.096 J (0.12)
Benzo(g,h,i)perylene	190000	180	0.18 (0.14)	0.084 J (0.14)	0.13 J (0.14)	0.052 J (0.15)	0.28 J (1.4)	0.35 (0.16)	0.17 (0.14)	U (3.2)	0.042 J (0.16)	0.052 J (0.16)
Chrysene	760	230	0.16 (0.11)	0.089 J (0.11)	0.16 (0.11)	0.057 J (0.11)	U (1)	0.5 (0.12)	0.29 (0.11)	1.2 J (2.4)	0.066 J (0.12)	0.17 (0.12)
Fluorene	130000	3800	0.078 J (0.18)	0.083 J (0.18)	0.12 J (0.18)	0.06 J (0.18)	U (1.8)	0.17 J (0.2)	0.41 (0.18)	1.1 J (4.1)	0.15 J (0.2)	1.6 (0.19)
Naphthalene	66	25	0.94 (0.035)	1.8 (0.036)	1.8 (0.036)	0.68 (0.037)	U (0.35)	0.53 (0.039)	0.36 (0.036)	1.1 (0.81)	0.13 (0.041)	1.5 (0.039)
Phenanthrene	190000	10000	0.21 (0.11)	0.16 (0.11)	0.23 (0.11)	0.2 (0.11)	U (1)	0.55 (0.12)	0.99 (0.11)	4.4 (2.4)	0.27 (0.12)	2.6 (0.12)
Pyrene	96000	2200	0.17 (0.11)	0.11 (0.11)	0.18 (0.11)	0.11 (0.11)	U (1)	0.42 (0.12)	0.37 (0.11)	1.3 J (2.4)	0.11 J (0.12)	0.34 (0.12)
Metals												
Lead	1000	450	250 (4.14)	238 (8.7)	188 (4.49)	146 (4.49)	124 (8.32)	359 (4.67)	342 (4.31)	51.3 (4.91)	15.5 (4.81)	198 (9.39)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-46-C2	401-MA3-1-47-C1	401-MA3-1-47-C2	401-MA3-1-47-C3	401-MA3-1-47-C4	401-MA3-1-47-C5	401-MA3-1-48-C1	401-MA3-1-48-C2	401-MA3-1-48-C3	401-MA3-1-48-C4
			401-MA3-1-46	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-46-C2-COMP	401-MA3-1-47-C1-COMP	401-MA3-1-47-C2-COMP	401-MA3-1-47-C3-COMP	401-MA3-1-47-C4-COMP	401-MA3-1-47-C5-COMP	401-MA3-1-48-C1-COMP	401-MA3-1-48-C2-COMP	401-MA3-1-48-C3-COMP	401-MA3-1-48-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025
PAHs												
Anthracene	190000	350	U (0.6)	0.4 (0.11)	1.3 (0.11)	0.27 (0.1)	0.87 (0.12)	0.074 J (0.12)	0.26 (0.11)	0.27 (0.11)	0.041 J (0.11)	0.049 J (0.11)
Benzo(a)anthracene	130	340	U (0.6)	1.1 (0.11)	2 (0.11)	0.42 (0.1)	0.29 (0.12)	0.046 J (0.12)	0.51 (0.11)	0.38 (0.11)	0.052 J (0.11)	0.05 J (0.11)
Benzo(a)pyrene	91	46	U (0.8)	1.2 (0.14)	1.9 (0.14)	0.46 (0.14)	0.15 J (0.16)	U (0.16)	0.48 (0.14)	0.4 (0.15)	0.055 J (0.14)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.6)	1.5 (0.11)	2 (0.11)	0.58 (0.1)	0.18 (0.12)	0.034 J (0.12)	0.76 (0.11)	0.54 (0.11)	0.062 J (0.11)	0.037 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.72 J (0.8)	0.74 (0.14)	0.83 (0.14)	0.34 (0.14)	0.087 J (0.16)	U (0.16)	0.36 (0.14)	0.32 (0.15)	0.04 J (0.14)	0.024 J (0.15)
Chrysene	760	230	0.1 J (0.6)	1.1 (0.11)	1.8 (0.11)	0.46 (0.1)	0.43 (0.12)	0.066 J (0.12)	0.57 (0.11)	0.49 (0.11)	0.054 J (0.11)	0.047 J (0.11)
Fluorene	130000	3800	0.24 J (1)	0.13 J (0.18)	0.82 (0.18)	0.24 (0.17)	0.88 (0.2)	0.34 (0.2)	0.12 J (0.18)	0.66 (0.18)	0.1 J (0.18)	0.16 J (0.19)
Naphthalene	66	25	0.7 (0.2)	0.14 (0.035)	0.51 (0.036)	0.28 (0.034)	0.37 (0.041)	0.47 (0.04)	0.22 (0.036)	2 (0.036)	0.23 (0.036)	0.29 (0.037)
Phenanthrene	190000	10000	0.32 J (0.6)	1.4 (0.11)	4.4 (0.11)	1.1 (0.1)	3.6 (0.12)	1.1 (0.12)	0.45 (0.11)	1.4 (0.11)	0.2 (0.11)	0.29 (0.11)
Pyrene	96000	2200	0.15 J (0.6)	1.8 (0.11)	3.3 (0.11)	0.66 (0.1)	0.97 (0.12)	0.1 J (0.12)	0.85 (0.11)	0.74 (0.11)	0.082 J (0.11)	0.096 J (0.11)
Metals												
Lead	1000	450	8.43 (4.74)	156 (8.2)	484 (4.32)	142 (8.36)	42.1 (4.65)	56.8 (4.56)	140 (4.21)	94.6 (4.26)	18.3 (8.62)	14.8 (8.64)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-49-C1	401-MA3-1-49-C2	401-MA3-1-49-C3	401-MA3-1-54-C1	401-MA3-1-54-C2	401-MA3-1-54-C3	401-MA3-1-55-C1	401-MA3-1-55-C2	401-MA3-1-55-C3	401-MA3-1-55-C4
	Direct Contact	Groundwater	401-MA3-1-49	401-MA3-1-49	401-MA3-1-49	401-MA3-1-54	401-MA3-1-54	401-MA3-1-54	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55	401-MA3-1-55
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-49-C1-COMP	401-MA3-1-49-C2-COMP	401-MA3-1-49-C3-COMP	401-MA3-1-54-C1-COMP	401-MA3-1-54-C2-COMP	401-MA3-1-54-C3-COMP	401-MA3-1-55-C1-COMP	401-MA3-1-55-C2-COMP	401-MA3-1-55-C3-COMP	401-MA3-1-55-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/28/2025	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025
PAHs												
Anthracene	190000	350	0.26 J (0.55)	0.48 (0.11)	U (0.11)	U (0.1)	0.55 (0.11)	4.9 (1.1)	0.073 J (0.11)	U (0.12)	U (0.12)	U (0.11)
Benzo(a)anthracene	130	340	0.2 J (0.55)	0.27 (0.11)	0.15 (0.11)	0.25 (0.1)	0.47 (0.11)	2.3 (1.1)	0.17 (0.11)	0.068 J (0.12)	0.15 (0.12)	0.26 (0.11)
Benzo(a)pyrene	91	46	U (0.74)	0.14 J (0.15)	0.077 J (0.15)	0.26 (0.14)	0.4 (0.15)	1.4 J (1.5)	0.17 (0.14)	0.072 J (0.16)	0.096 J (0.16)	0.21 (0.15)
Benzo(b)fluoranthene	76	170	0.26 J (0.55)	0.26 (0.11)	0.12 (0.11)	0.31 (0.1)	0.26 (0.11)	0.47 (0.11)	1.6 (1.1)	0.083 J (0.12)	0.066 J (0.12)	0.17 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.74)	0.11 J (0.15)	0.051 J (0.15)	0.18 (0.14)	0.27 (0.15)	0.62 J (1.5)	0.13 J (0.14)	0.052 J (0.16)	0.14 J (0.16)	0.24 (0.15)
Chrysene	760	230	0.29 J (0.55)	0.44 (0.11)	0.17 (0.11)	0.35 (0.1)	0.58 (0.11)	2.6 (1.1)	0.21 (0.11)	0.07 J (0.12)	0.22 (0.12)	0.45 (0.11)
Fluorene	130000	3800	0.47 J (0.92)	0.88 (0.19)	1.2 (0.19)	0.63 (0.17)	1.5 (0.18)	9.4 (1.8)	0.039 J (0.18)	U (0.2)	1.6 (0.2)	U (0.19)
Naphthalene	66	25	6.7 (0.18)	6 (0.037)	U (0.037)	1 (0.035)	0.62 (0.036)	3.6 (0.37)	0.11 (0.036)	0.047 (0.04)	U (0.041)	1.2 (0.038)
Phenanthrene	190000	10000	1.2 (0.55)	2 (0.11)	1.8 (0.11)	1.1 (0.1)	3.2 (0.11)	21 (1.1)	0.16 (0.11)	0.08 J (0.12)	3.2 (0.12)	5.4 (0.11)
Pyrene	96000	2200	0.49 J (0.55)	0.78 (0.11)	0.51 (0.11)	0.52 (0.1)	1.3 (0.11)	7.2 (1.1)	0.32 (0.11)	0.11 J (0.12)	0.61 (0.12)	U (0.11)
Metals												
Lead	1000	450	247 (4.3)	35.2 (8.69)	45.8 (4.29)	53.4 (8.32)	6.76 J (8.52)	64.7 (4.28)	38.6 (8.56)	477 (4.63)	402 (4.63)	130 (4.56)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-55-C5	401-MA3-1-56-C1	401-MA3-1-56-C2	401-MA3-1-57-C1	401-MA3-1-57-C2	401-MA3-1-57-C3	401-MA3-1-57-C4	401-MA3-1-57-C5	401-MA3-1-58-C1	401-MA3-1-59-C1
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-55-C5-COMP	401-MA3-1-56-C1-COMP	401-MA3-1-56-C2-COMP	401-MA3-1-57-C1-COMP	401-MA3-1-57-C2-COMP	401-MA3-1-57-C3-COMP	401-MA3-1-57-C4-COMP	401-MA3-1-57-C5-COMP	401-MA3-1-58-C1-COMP	401-MA3-1-59-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/28/2025	1/27/2025	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/29/2025
PAHs												
Anthracene	190000	350	1 (0.59)	U (0.11)	0.35 (0.11)	U (0.55)	U (0.53)	0.052 J (0.11)	0.39 (0.11)	0.064 J (0.11)	0.051 J (0.11)	U (0.1)
Benzo(a)anthracene	130	340	0.55 J (0.59)	U (0.11)	0.02 J (0.11)	0.2 J (0.55)	U (0.53)	0.097 J (0.11)	0.82 (0.11)	0.17 (0.11)	0.4 (0.11)	0.082 J (0.1)
Benzo(a)pyrene	91	46	0.42 J (0.79)	0.052 J (0.14)	U (0.14)	U (0.73)	U (0.71)	0.082 J (0.15)	0.67 (0.15)	0.12 J (0.15)	0.76 (0.15)	0.12 J (0.14)
Benzo(b)fluoranthene	76	170	0.4 J (0.59)	0.064 J (0.11)	U (0.11)	U (0.53)	U (0.53)	0.1 J (0.11)	0.8 (0.11)	0.17 (0.11)	0.48 (0.11)	0.13 (0.1)
Benzo(g,h,i)perylene	190000	180	0.38 J (0.79)	0.051 J (0.14)	U (0.14)	0.23 J (0.73)	U (0.71)	0.064 J (0.15)	0.36 (0.15)	0.1 J (0.15)	0.83 (0.15)	0.14 (0.14)
Chrysene	760	230	1.2 (0.59)	0.045 J (0.11)	U (0.11)	0.23 J (0.55)	U (0.53)	0.11 (0.11)	0.79 (0.11)	0.22 (0.11)	0.47 (0.11)	0.12 (0.1)
Fluorene	130000	3800	4 (0.99)	0.4 (0.18)	0.91 (0.18)	U (0.92)	U (0.89)	0.042 J (0.18)	0.22 (0.19)	0.17 J (0.18)	0.049 J (0.18)	U (0.18)
Naphthalene	66	25	1.7 (0.2)	U (0.035)	1 (0.036)	U (0.18)	U (0.18)	0.048 (0.037)	0.045 (0.037)	0.18 (0.037)	0.21 (0.037)	0.057 (0.035)
Phenanthrene	190000	10000	6.9 (0.59)	0.72 (0.11)	2 (0.11)	0.22 J (0.55)	U (0.53)	0.1 J (0.11)	1.4 (0.11)	0.38 (0.11)	0.15 (0.11)	0.076 J (0.1)
Pyrene	96000	2200	1.8 (0.59)	0.41 (0.11)	0.33 (0.11)	0.29 J (0.55)	0.12 J (0.53)	0.2 (0.11)	1.4 (0.11)	0.32 (0.11)	0.23 (0.11)	0.16 (0.1)
Metals												
Lead	1000	450	119 (4.48)	7.1 J (8.33)	6.38 (4.18)	81 (4.45)	14.7 (8.35)	71.1 (4.44)	25.6 (4.42)	84.2 (4.29)	44.5 (4.24)	51.2 (20.6)

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	401-MA3-1-59-C2	401-MA3-1-59-C3	401-MA3-1-59-C4	401-MA3-1-59-C5	401-MA3-1-60-C1	401-MA3-1-60-C2	401-MA3-1-60-C3	401-MA3-1-61-C1	401-MA3-1-68-C1	401-MA3-1-69-C1
			401-MA3-1-59	401-MA3-1-59	401-MA3-1-59	401-MA3-1-59	401-MA3-1-60	401-MA3-1-60	401-MA3-1-60	401-MA3-1-61	401-MA3-1-68	401-MA3-1-69
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-59-C2-COMP	401-MA3-1-59-C3-COMP	401-MA3-1-59-C4-COMP	401-MA3-1-59-C5-COMP	401-MA3-1-60-C1-COMP	401-MA3-1-60-C2-COMP	401-MA3-1-60-C3-COMP	401-MA3-1-61-C1-COMP	401-MA3-1-68-C1-COMP	401-MA3-1-69-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/21/2025	1/29/2025	1/21/2025
PAHs												
Anthracene	190000	350	U (0.11)	0.2 (0.11)	0.35 (0.11)	0.047 J (0.13)	U (0.11)	0.08 J (0.11)	0.14 (0.11)	0.075 J (0.11)	U (1.2)	0.16 (0.11)
Benzo(a)anthracene	130	340	0.046 J (0.11)	0.62 (0.11)	1.3 (0.11)	0.18 (0.13)	0.13 (0.11)	0.39 (0.11)	0.49 (0.11)	0.18 (0.11)	0.36 J (1.2)	0.74 (0.11)
Benzo(a)pyrene	91	46	0.089 J (0.15)	0.81 (0.14)	1.5 (0.15)	0.18 (0.17)	0.15 (0.15)	0.42 (0.14)	0.47 (0.15)	0.33 (0.14)	U (1.6)	1.4 (0.15)
Benzo(b)fluoranthene	76	170	0.069 J (0.11)	0.79 (0.11)	1.3 (0.11)	0.14 (0.13)	0.2 (0.11)	0.57 (0.11)	0.64 (0.11)	0.28 (0.11)	0.44 J (1.2)	0.8 (0.11)
Benzo(g,h,i)perylene	190000	180	0.14 J (0.15)	1 (0.14)	1.4 (0.15)	0.13 J (0.17)	0.12 J (0.15)	0.3 (0.14)	0.38 (0.15)	0.4 (0.14)	0.3 J (1.6)	1.4 (0.15)
Chrysene	760	230	0.06 J (0.11)	0.75 (0.11)	1.5 (0.11)	0.19 (0.13)	0.2 (0.11)	0.42 (0.11)	0.52 (0.11)	0.23 (0.11)	0.42 J (1.2)	0.93 (0.11)
Fluorene	130000	3800	U (0.19)	0.073 J (0.18)	0.17 J (0.18)	U (0.21)	U (0.19)	0.028 J (0.18)	0.05 J (0.18)	0.043 J (0.18)	U (1.9)	0.17 J (0.18)
Naphthalene	66	25	0.38 (0.037)	0.54 (0.036)	0.7 (0.037)	U (0.042)	U (0.037)	U (0.036)	0.026 J (0.037)	0.14 (0.036)	U (0.39)	0.5 (0.037)
Phenanthrene	190000	10000	0.071 J (0.11)	0.76 (0.11)	0.63 (0.11)	0.068 J (0.13)	0.11 (0.11)	0.3 (0.11)	0.58 (0.11)	0.22 (0.11)	0.87 J (1.2)	0.56 (0.11)
Pyrene	96000	2200	0.062 J (0.11)	0.78 (0.11)	1.3 (0.11)	0.23 (0.13)	0.28 (0.11)	0.7 (0.11)	0.87 (0.11)	0.19 (0.11)	0.81 J (1.2)	0.49 (0.11)
Metals												
Lead	1000	450	156 (4.51)	319 (4.34)	516 (4.33)	222 (5.02)	30 (4.37)	29.7 (8.47)	8.66 J (9.16)	74.5 (4.21)	189 (4.49)	89.7 (4.48)

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-70-C1	401-MA3-1-72-C1	401-MA3-1-72-C2	401-MA3-1-72-C3	402-MA3-1-03-C1	403-MA3-1-01-C1	403-MA3-1-03-C1	403-MA3-1-04-C1	403-MA3-1-05-C1	403-MA3-1-06-C1
	Direct Contact	Groundwater	401-MA3-1-70	401-MA3-1-72	401-MA3-1-72	401-MA3-1-72	402-MA3-1-03	403-MA3-1-01	403-MA3-1-03	403-MA3-1-04	403-MA3-1-05	403-MA3-1-06
Field Sample ID	Value (0-2 ft bgs)	Value	401-MA3-1-70-C1-COMP	401-MA3-1-72-C1-COMP	401-MA3-1-72-C2-COMP	401-MA3-1-72-C3-COMP	402-MA3-1-03-C1-COMP	403-MA3-1-01-C1-COMP	403-MA3-1-03-C1-COMP	403-MA3-1-04-C1-COMP	403-MA3-1-05-C1-COMP	403-MA3-1-06-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/20/2025	1/29/2025	1/29/2025	1/29/2025	1/8/2025	1/9/2025	1/14/2025	1/9/2025	1/10/2025	1/10/2025
PAHs												
Anthracene	190000	350	0.13 (0.11)	0.25 (0.12)	0.34 (0.12)	0.062 J (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	1.1 J (1.2)	U (0.11)
Benzo(a)anthracene	130	340	0.27 (0.11)	0.47 (0.12)	0.29 (0.12)	0.082 J (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	1 J (1.2)	0.047 J (0.11)
Benzo(a)pyrene	91	46	0.28 (0.15)	0.41 (0.16)	0.25 (0.16)	0.082 J (0.16)	U (1.5)	U (0.16)	U (0.15)	U (0.14)	0.76 J (1.6)	0.05 J (0.14)
Benzo(b)fluoranthene	76	170	0.3 (0.11)	0.38 (0.12)	0.21 (0.12)	0.077 J (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	0.48 J (1.2)	0.048 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.25 (0.15)	0.3 (0.16)	0.22 (0.16)	0.075 J (0.16)	U (1.5)	U (0.16)	U (0.15)	U (0.14)	0.48 J (1.6)	0.043 J (0.14)
Chrysene	760	230	0.26 (0.11)	0.56 (0.12)	0.49 (0.12)	0.086 J (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	2.2 (1.2)	0.07 J (0.11)
Fluorene	130000	3800	0.061 J (0.19)	1.2 (0.2)	1.7 (0.2)	0.2 (0.2)	U (1.9)	U (0.2)	U (0.19)	U (0.18)	3.7 (1.9)	0.024 J (0.18)
Naphthalene	66	25	0.11 (0.037)	0.29 (0.039)	0.35 (0.04)	0.11 (0.037)	0.038 J (0.041)	U (0.37)	U (0.04)	U (0.038)	5.3 (0.39)	0.036 (0.036)
Phenanthrene	190000	10000	0.42 (0.11)	1.9 (0.12)	2.2 (0.12)	0.16 (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	12 (1.2)	0.094 J (0.11)
Pyrene	96000	2200	0.39 (0.11)	0.82 (0.12)	0.86 (0.12)	0.16 (0.12)	U (1.1)	U (0.12)	U (0.11)	U (0.11)	1.6 (1.2)	0.086 J (0.11)
Metals												
Lead	1000	450	234 (4.44)	8.44 (4.55)	22.5 (4.73)	31 (4.93)	40.3 (8.77)	7.51 (4.9)	343 (4.47)	197 (4.22)	656 (18.5)	57.1 (4.35)

- Notes:**
- 1 Concentrations are presented in mg/kg.
 - 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
 - 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
 PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil Direct Contact	Non-Residential Soil to Groundwater	403-MA3-1-07-C1	403-MA3-1-08-C1	403-MA3-1-09-C1	403-MA3-1-10-C1	403-MA3-1-11-C1	403-MA3-1-12-C1	403-MA3-1-13-C1	403-MA3-1-14-C1	403-MA3-1-15-C1	403-MA3-1-16-C1
			403-MA3-1-07	403-MA3-1-08	403-MA3-1-09	403-MA3-1-10	403-MA3-1-11	403-MA3-1-12	403-MA3-1-13	403-MA3-1-14	403-MA3-1-15	403-MA3-1-16
Field Sample ID	Value (0-2 ft bgs)	Value	403-MA3-1-07-C1-COMP	403-MA3-1-08-C1-COMP	403-MA3-1-09-C1-COMP	403-MA3-1-10-C1-COMP	403-MA3-1-11-C1-COMP	403-MA3-1-12-C1-COMP	403-MA3-1-13-C1-COMP	403-MA3-1-14-C1-COMP	403-MA3-1-15-C1-COMP	403-MA3-1-16-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	1/9/2025	1/14/2025	1/14/2025	1/9/2025	1/10/2025	1/10/2025	1/14/2025	1/14/2025	1/10/2025	1/10/2025
PAHs												
Anthracene	190000	350	1.3 (0.12)	0.14 (0.11)	U (0.12)	2 (1.9)	0.055 J (0.14)	0.72 (0.12)	U (0.11)	U (0.12)	1.6 (0.56)	1.2 (1.2)
Benzo(a)anthracene	130	340	0.57 (0.12)	0.13 (0.11)	U (0.12)	2.4 (1.9)	0.056 J (0.14)	0.24 (0.12)	0.043 J (0.11)	0.03 J (0.12)	0.54 J (0.56)	0.42 J (1.2)
Benzo(a)pyrene	91	46	0.35 (0.16)	0.13 J (0.15)	U (0.16)	1.4 J (2.5)	U (0.18)	0.24 (0.16)	U (0.15)	U (0.16)	0.38 J (0.75)	U (1.5)
Benzo(b)fluoranthene	76	170	0.37 (0.12)	0.14 (0.11)	U (0.12)	2.1 (1.9)	0.062 J (0.14)	0.27 (0.12)	0.052 J (0.11)	0.036 J (0.12)	0.46 J (0.56)	0.32 J (1.2)
Benzo(g,h,i)perylene	190000	180	0.31 (0.16)	0.084 J (0.15)	0.029 J (0.16)	1.3 J (2.5)	0.044 J (0.18)	0.26 (0.16)	0.074 J (0.15)	0.029 J (0.16)	0.31 J (0.75)	0.24 J (1.5)
Chrysene	760	230	1.1 (0.12)	0.15 (0.11)	0.022 J (0.12)	5.8 (1.9)	0.28 (0.14)	0.55 (0.12)	0.083 J (0.11)	0.046 J (0.12)	1.1 (0.56)	0.84 J (1.2)
Fluorene	130000	3800	3.6 (0.21)	0.18 J (0.19)	U (0.2)	11 (3.2)	0.51 (0.23)	1.7 (0.2)	0.04 J (0.19)	0.046 J (0.19)	5.7 (0.94)	2.1 (1.9)
Naphthalene	66	25	0.92 (0.041)	0.06 (0.038)	0.025 J (0.04)	3.3 (0.63)	1.7 (0.046)	2.2 (0.04)	U (0.037)	0.024 J (0.039)	1.6 (0.19)	1.1 (0.39)
Phenanthrene	190000	10000	13 (0.62)	0.64 (0.11)	0.031 J (0.12)	24 (1.9)	1.2 (0.14)	3.8 (0.12)	0.06 J (0.11)	0.074 J (0.12)	12 (0.56)	5.4 (1.2)
Pyrene	96000	2200	1.7 (0.12)	0.4 (0.11)	0.023 J (0.12)	4.9 (1.9)	0.12 J (0.14)	0.93 (0.12)	0.081 J (0.11)	0.059 J (0.12)	1.8 (0.56)	1.3 (1.2)
Metals												
Lead	1000	450	<u>2790 (4.77)</u>	346 (4.54)	<u>876 (4.75)</u>	<u>3520 (5)</u>	151 (5.59)	<u>6410 (9.41)</u>	216 (8.67)	111 (4.5)	<u>3160 (4.46)</u>	<u>8630 (9.02)</u>

Notes:

- Concentrations are presented in mg/kg.
- No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
 ft bgs -- Feet Below Ground Surface.
 mg/kg -- Milligram per Kilogram.

Table 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance Resampling
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell	Non-Residential Soil	Non-Residential Soil to	403-MA3-1-18-C1	404-MA3-1-01-C1	404-MA3-1-02-C1	404-MA3-1-03-C1	404-MA3-1-04-C1	404-MA3-1-05-C1	404-MA3-1-06-C1	
	Direct Contact	Groundwater	403-MA3-1-18	404-MA3-1-01	404-MA3-1-02	404-MA3-1-03	404-MA3-1-04	404-MA3-1-05	404-MA3-1-06	
Field Sample ID	Value (0-2 ft bgs)	Value	403-MA3-1-18-C1-COMP	404-MA3-1-01-C1-COMP	404-MA3-1-02-C1-COMP	404-MA3-1-03-C1-COMP	404-MA3-1-04-C1-COMP	404-MA3-1-05-C1-COMP	404-MA3-1-06-C1-COMP	
Sample Date	(mg/kg)	(mg/kg)	1/14/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025	
PAHs										
Anthracene	190000	350	U (0.12)	0.19 (0.11)	0.68 (0.12)	1.6 (0.34)	0.62 (0.11)	0.12 J (0.36)	0.097 J (0.12)	
Benzo(a)anthracene	130	340	U (0.12)	1.3 (0.11)	1 (0.12)	2.6 (0.34)	2 (0.11)	0.44 (0.36)	0.32 (0.12)	
Benzo(a)pyrene	91	46	U (0.16)	1.5 (0.15)	1.3 (0.16)	2.8 (0.46)	2.2 (0.15)	0.43 J (0.47)	0.3 (0.15)	
Benzo(b)fluoranthene	76	170	U (0.12)	1.8 (0.11)	1.7 (0.12)	3.5 (0.34)	2.6 (0.11)	0.56 (0.36)	0.41 (0.12)	
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.88 (0.15)	1 (0.16)	1.9 (0.46)	1.2 (0.15)	0.25 J (0.47)	0.16 (0.15)	
Chrysene	760	230	U (0.12)	1.2 (0.11)	1.1 (0.12)	2.8 (0.34)	2.1 (0.11)	0.46 (0.36)	0.34 (0.12)	
Fluorene	130000	3800	U (0.2)	0.063 J (0.18)	0.99 (0.2)	1.4 (0.57)	0.11 J (0.18)	U (0.59)	0.05 J (0.19)	
Naphthalene	66	25	U (0.039)	0.41 (0.037)	1.1 (0.04)	1.7 (0.11)	0.39 (0.037)	U (0.12)	0.12 (0.038)	
Phenanthrene	190000	10000	U (0.12)	0.45 (0.11)	2.5 (0.12)	3.6 (0.34)	1.2 (0.11)	0.54 (0.36)	0.43 (0.12)	
Pyrene	96000	2200	U (0.12)	1.5 (0.11)	1.9 (0.12)	4.9 (0.34)	3 (0.11)	0.63 (0.36)	0.5 (0.12)	
Metals										
Lead	1000	450	11.9 (4.61)	139 (4.4)	335 (4.74)	346 (4.59)	292 (4.38)	173 (4.67)	537 (4.64)	

Notes:

- 1 Concentrations are presented in mg/kg.
- 2 No concentrations only exceed the Non-Residential Soil to Groundwater Numeric Value.
- 3 Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- 4 Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- 5 Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- 6 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-A15-U-d	101-D14-U-b	101-D16-U-b	101-D20-U-d	101-F13-U-c	101-G10-U-b	101-G16-U-c	101-G23-U-c	101-G24-U-a	101-G25-U-b	101-G26-U-a	101-H10-U-a	101-H12-U-d
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-A15-U	101-D14-U	101-D16-U	101-D20-U	101-F13-U	101-G10-U	101-G16-U	101-G23-U	101-G24-U	101-G25-U	101-G26-U	101-H10-U	101-H12-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	1.05 - 3.05	1.99 - 3.99	0.99 - 2.99	3.64 - 5.64	1.14 - 3.14	6.26 - 8.26	4.91 - 6.91	5.08 - 7.08	4.25 - 6.25	7.87 - 9.87	5.01 - 7.01	6.26 - 8.26	0.55 - 2.55
Sample Date	(mg/kg)	(mg/kg)	1/4/2021	1/4/2021	1/4/2021	1/7/2021	1/6/2021	1/5/2021	1/7/2021	1/15/2021	1/15/2021	1/15/2021	1/15/2021	1/5/2021	1/5/2021
VOC															
Benzene	280	0.5	U (0.00096)	0.0005 J (0.00062)	U (0.00042)	U (0.0004)	U (0.0007)	U (0.00049)	0.43 (0.052)	0.0031 (0.00051)	0.002 (0.00045)	0.00033 J (0.00052)	0.00096 (0.00052)	0.024 (0.00076)	U (0.001)
Cumene	10000	2500	U (0.0019)	0.007 (0.0012)	U (0.00084)	U (0.00079)	U (0.0014)	0.00012 J (0.00098)	0.52 (0.1)	U (0.001)	0.0013 (0.00091)	U (0.001)	0.0032 (0.001)	0.034 (0.0015)	U (0.002)
1,2-Dibromoethane	3.7	0.005	U (0.00096)	U (0.00062)	U (0.00042)	U (0.0004)	U (0.0007)	U (0.00049)	0.049 J (0.052)	U (0.00051)	U (0.00045)	U (0.00052)	U (0.00052)	U (0.00076)	U (0.001)
1,2-Dichloroethane	85	0.5	U (0.0019)	U (0.0012)	U (0.00084)	U (0.00079)	U (0.0014)	U (0.00098)	U (0.1)	U (0.001)	U (0.00091)	U (0.001)	U (0.001)	0.00071 J (0.0015)	U (0.002)
Ethyl Benzene	880	70	U (0.0019)	0.00051 J (0.0012)	U (0.00084)	U (0.00079)	U (0.0014)	0.00021 J (0.00098)	0.14 (0.1)	0.00031 J (0.001)	0.0009 J (0.00091)	U (0.001)	0.00023 J (0.001)	0.0066 (0.0015)	U (0.002)
Methyl tert-butyl ether	8500	2	U (0.0038)	U (0.0025)	U (0.0017)	U (0.0016)	U (0.0028)	U (0.002)	U (0.21)	U (0.002)	U (0.0018)	U (0.0021)	U (0.0021)	0.00043 J (0.003)	U (0.004)
Toluene	10000	100	U (0.0019)	U (0.0012)	U (0.00084)	0.00046 J (0.00079)	U (0.0014)	U (0.00098)	0.47 (0.1)	0.0015 (0.001)	U (0.00091)	U (0.001)	0.00084 J (0.001)	0.051 (0.0015)	0.0034 (0.002)
1,2,4-Trimethylbenzene	4700	300	U (0.0038)	0.0014 J (0.0025)	U (0.0017)	U (0.0016)	U (0.0028)	U (0.002)	0.58 (0.21)	0.00036 J (0.002)	U (0.0018)	U (0.0021)	0.0043 (0.0021)	0.24 (0.003)	0.0024 J (0.004)
1,3,5-Trimethylbenzene	4700	93	U (0.0038)	0.00051 J (0.0025)	U (0.0017)	U (0.0016)	U (0.0028)	U (0.002)	0.42 (0.21)	U (0.002)	U (0.0018)	U (0.0021)	0.002 J (0.0021)	0.035 (0.003)	0.0016 J (0.004)
Xylenes (total)	7900	1000	U (0.0038)	0.0035 J (0.0025)	U (0.0017)	U (0.0016)	U (0.0028)	U (0.002)	0.95 J (0.21)	0.00136 J (0.002)	U (0.0018)	U (0.0021)	0.0037 J (0.0021)	0.132 J (0.003)	0.0024 J (0.004)
PAHs															
Anthracene	190000	350	4 (0.31)	0.52 (0.072)	0.62 (0.038)	0.0024 J (0.008)	0.0058 J (0.01)	0.0033 J (0.0082)	1.5 (0.098)	0.055 (0.0074)	0.028 (0.0077)	0.51 (0.077)	0.022 (0.0079)	0.067 J (0.076)	0.0047 J (0.01)
Benzo(a)anthracene	130	340	10 (0.31)	0.96 (0.072)	1.5 (0.038)	0.0089 (0.008)	0.036 (0.01)	0.0088 (0.0082)	3.1 (0.098)	0.11 (0.0074)	0.096 (0.0077)	3.1 (0.077)	0.13 (0.0079)	0.28 (0.076)	0.021 (0.01)
Benzo(a)pyrene	91	46	10 (0.31)	0.59 (0.072)	1.3 (0.038)	0.012 (0.008)	0.036 (0.01)	0.014 (0.0082)	1.9 (0.098)	0.097 (0.0074)	0.15 (0.0077)	2.1 (0.077)	0.15 (0.0079)	0.37 (0.076)	0.02 (0.01)
Benzo(b)fluoranthene	76	170	14 (0.31)	0.75 (0.072)	1.7 (0.038)	0.016 (0.008)	0.046 (0.01)	0.018 (0.0082)	2.3 (0.098)	0.11 (0.0074)	0.16 (0.0077)	3.2 (0.077)	0.17 (0.0079)	0.42 (0.076)	0.03 (0.01)
Benzo(g,h,i)perylene	190000	180	6 (0.31)	0.33 (0.072)	0.67 (0.038)	0.0071 J (0.008)	0.024 (0.01)	0.0098 (0.0082)	1.1 (0.098)	0.064 (0.0074)	0.13 (0.0077)	1 (0.077)	0.13 (0.0079)	0.34 (0.076)	0.012 (0.01)
Chrysene	760	230	9.5 (0.31)	0.68 (0.072)	1.3 (0.038)	0.0082 (0.008)	0.036 (0.01)	0.0086 (0.0082)	3.7 (0.098)	0.094 (0.0074)	0.11 (0.0077)	2.8 (0.077)	0.12 (0.0079)	0.33 (0.076)	0.022 (0.01)
Fluorene	130000	3800	1.6 (0.31)	0.42 (0.072)	0.4 (0.038)	0.0017 J (0.008)	0.002 J (0.01)	0.0061 J (0.0082)	2 (0.098)	0.019 (0.0074)	0.023 (0.0077)	0.26 (0.077)	0.0055 J (0.0079)	0.068 J (0.076)	0.0022 J (0.01)
Naphthalene	66	25	0.83 (0.31)	1.4 (0.072)	0.3 (0.038)	0.0014 J (0.008)	0.017 (0.01)	0.0085 (0.0082)	1.5 (0.098)	0.063 (0.0074)	0.083 (0.0077)	0.58 (0.077)	0.035 (0.0079)	0.36 (0.076)	0.043 (0.01)
Phenanthrene	190000	10000	14 (0.31)	1.2 (0.072)	1.9 (0.038)	0.0069 J (0.008)	0.034 (0.01)	0.0088 (0.0082)	4.6 (0.098)	0.2 (0.0074)	0.13 (0.0077)	4 (0.077)	0.052 (0.0079)	0.29 (0.076)	0.019 (0.01)
Pyrene	96000	2200	17 (0.31)	1.2 (0.072)	2.2 (0.038)	0.0098 (0.008)	0.057 (0.01)	0.011 (0.0082)	4 (0.098)	0.16 (0.0074)	0.14 (0.0077)	4.2 (0.077)	0.15 (0.0079)	0.37 (0.076)	0.025 (0.01)
Metals															
Lead	1000	450	196 (2.35)	85.1 (2.16)	45.9 (2.21)	8.86 (2.35)	289 (3.1)	23.9 (2.35)	437 (2.85)	106 (2.24)	83 (2.33)	139 (2.21)	378 (2.33)	230 (2.24)	102 (3.1)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-H17-U-b	101-H20-U-a	101-H21-U-a	101-H22-U-a	101-H23-U-c	101-H24-U-d	101-H27-U-d	101-H28-U-d	101-I13-U-a	101-I15-U-b	101-I18-U-a	101-I20-U-a	101-I21-U-b	
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-H17-U	101-H20-U	101-H21-U	101-H22-U	101-H23-U	101-H24-U	101-H27-U	101-H28-U	101-I13-U	101-I15-U	101-I18-U	101-I20-U	101-I21-U	
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	3.97 - 5.97	5.18 - 7.18	4.86 - 6.86	5.49 - 7.49	5.86 - 7.86	6.93 - 8.93	4.15 - 6.15	6.08 - 8.08	9.07 - 11.1	6.64 - 8.64	3.05 - 5.05	4.62 - 6.62	4.61 - 6.61	
Sample Date	(mg/kg)	(mg/kg)	1/7/2021	1/8/2021	1/8/2021	1/11/2021	1/11/2021	1/12/2021	1/18/2021	1/13/2021	1/5/2021	1/6/2021	1/7/2021	1/7/2021	1/8/2021	
VOC																
Benzene	280	0.5	U (0.052)	0.033 J (0.052)	0.0013 (0.00062)	0.0054 (0.00045)	0.00048 (0.00045)	0.0018 (0.00068)	U (0.00044)	U (0.00042)	U (0.063)	U (0.048)	U (0.00057)	0.00065 (0.0005)	0.00047 J (0.00055)	
Cumene	10000	2500	1.6 (0.1)	0.41 (0.1)	0.001 J (0.0012)	0.00059 J (0.00091)	0.00023 J (0.0009)	0.0076 (0.0014)	U (0.00089)	U (0.00083)	U (0.13)	0.15 (0.096)	U (0.0011)	0.00047 J (0.001)	U (0.0011)	
1,2-Dibromoethane	3.7	0.005	U (0.052)	U (0.052)	U (0.00062)	U (0.00045)	U (0.00045)	U (0.00068)	U (0.00044)	U (0.00042)	U (0.063)	U (0.048)	U (0.00057)	U (0.0005)	U (0.00055)	
1,2-Dichloroethane	85	0.5	U (0.1)	U (0.1)	U (0.0012)	U (0.00091)	U (0.0009)	U (0.0014)	U (0.00089)	U (0.00083)	U (0.13)	U (0.096)	U (0.0011)	U (0.001)	U (0.0011)	
Ethyl Benzene	880	70	0.021 J (0.1)	0.069 J (0.1)	0.00092 J (0.0012)	0.00028 J (0.00091)	0.00043 J (0.0009)	0.00087 J (0.0014)	U (0.00089)	U (0.00083)	0.02 J (0.13)	0.022 J (0.096)	U (0.0011)	0.0004 J (0.001)	U (0.0011)	
Methyl tert-butyl ether	8500	2	U (0.21)	U (0.21)	U (0.0025)	U (0.0018)	U (0.0018)	U (0.0027)	U (0.0018)	U (0.0017)	U (0.25)	U (0.19)	U (0.0023)	U (0.002)	U (0.0022)	
Toluene	10000	100	U (0.1)	U (0.1)	0.0016 (0.0012)	0.00081 J (0.00091)	0.00051 J (0.0009)	0.0016 (0.0014)	U (0.00089)	U (0.00083)	0.14 (0.13)	U (0.096)	U (0.0011)	U (0.001)	U (0.0011)	
1,2,4-Trimethylbenzene	4700	300	0.24 (0.21)	0.67 (0.21)	0.00078 J (0.0025)	U (0.0018)	0.00058 J (0.0018)	0.001 J (0.0027)	U (0.0018)	U (0.0017)	0.2 J (0.25)	0.39 (0.19)	U (0.0023)	0.0012 J (0.002)	U (0.0022)	
1,3,5-Trimethylbenzene	4700	93	0.12 J (0.21)	0.26 (0.21)	0.00041 J (0.0025)	U (0.0018)	U (0.0018)	0.00083 J (0.0027)	U (0.0018)	U (0.0017)	0.067 J (0.25)	0.046 J (0.19)	U (0.0023)	0.001 J (0.002)	U (0.0022)	
Xylenes (total)	7900	1000	0.39 J (0.21)	0.7 J (0.21)	0.0035 J (0.0025)	0.001225 J (0.0018)	0.00162 J (0.0018)	0.0068 J (0.0027)	U (0.0018)	U (0.0017)	0.186 J (0.25)	0.126 J (0.19)	U (0.0023)	0.00204 J (0.002)	U (0.0022)	
PAHs																
Anthracene	190000	350	0.52 (0.18)	1.6 J (7.9)	0.03 (0.0079)	0.00063 J (0.0079)	2.6 (0.15)	0.03 (0.0074)	0.00061 J (0.0076)	U (0.0076)	U (0.18)	0.019 (0.009)	40 (3.1)	11 (0.39)	0.001 J (0.0077)	
Benzo(a)anthracene	130	340	U (0.18)	9.8 (7.9)	0.087 (0.0079)	0.0025 J (0.0079)	7.7 (0.15)	0.051 (0.0074)	0.0015 J (0.0076)	U (0.0076)	U (0.18)	0.011 (0.009)	97 (3.1)	26 (0.39)	0.0026 J (0.0077)	
Benzo(a)pyrene	91	46	0.46 (0.18)	2.9 J (7.9)	0.15 (0.0079)	0.0025 J (0.0079)	6.6 (0.15)	0.066 (0.0074)	0.0011 J (0.0076)	U (0.0076)	U (0.18)	0.0094 (0.009)	73 (3.1)	20 (0.39)	0.0023 J (0.0077)	
Benzo(b)fluoranthene	76	170	0.61 (0.18)	4.7 J (7.9)	0.12 (0.0079)	0.0029 J (0.0079)	8.1 (0.15)	0.064 (0.0074)	0.0012 J (0.0076)	U (0.0076)	U (0.18)	0.015 (0.009)	100 (3.1)	26 (0.39)	0.003 J (0.0077)	
Benzo(g,h,i)perylene	190000	180	0.37 (0.18)	4.1 J (7.9)	0.11 (0.0079)	0.0027 J (0.0079)	3.8 (0.15)	0.059 (0.0074)	0.0008 J (0.0076)	U (0.0076)	U (0.18)	0.032 (0.009)	40 (3.1)	9 (0.39)	0.0019 J (0.0077)	
Chrysene	760	230	1.7 (0.18)	20 (7.9)	0.11 (0.0079)	0.0022 J (0.0079)	6.5 (0.15)	0.078 (0.0074)	0.0012 J (0.0076)	U (0.0076)	U (0.18)	0.012 (0.009)	81 (3.1)	20 (0.39)	0.0022 J (0.0077)	
Fluorene	130000	3800	1.6 (0.18)	3.3 J (7.9)	0.015 (0.0079)	U (0.0079)	1.7 (0.15)	0.028 (0.0074)	U (0.0076)	U (0.0076)	U (0.18)	0.024 (0.009)	20 (3.1)	5.4 (0.39)	U (0.0077)	
Naphthalene	66	25	1.5 (0.18)	8.9 (7.9)	0.029 (0.0079)	U (0.0079)	1.9 (0.15)	0.046 (0.0074)	0.0017 J (0.0076)	U (0.0076)	8.5 (0.18)	0.82 (0.009)	16 (3.1)	3.6 (0.39)	0.0015 J (0.0077)	
Phenanthrene	190000	10000	2.9 (0.18)	15 (7.9)	0.081 (0.0079)	0.0028 J (0.0079)	6.2 (0.15)	0.14 (0.0074)	0.0013 J (0.0076)	U (0.0076)	0.026 J (0.18)	0.052 (0.009)	180 (3.1)	31 (0.39)	0.0036 J (0.0077)	
Pyrene	96000	2200	1.2 (0.18)	8.4 (7.9)	0.11 (0.0079)	0.0039 J (0.0079)	11 (0.15)	0.11 (0.0074)	0.002 J (0.0076)	U (0.0076)	0.014 J (0.18)	0.03 (0.009)	150 (3.1)	33 (0.39)	0.0031 J (0.0077)	
Metals																
Lead	1000	450	44.8 (2.66)	16200 (15.7)	67.1 (2.36)	7.6 (2.22)	111 (2.26)	75.3 (2.19)	140 (2.34)	6.38 (2.23)	165 (2.71)	33.5 (2.72)	44400 (22.5)	785 (2.24)	10.1 (2.27)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-I22-U-a	101-I23-U-c	101-I24-U-b	101-I25-U-d	101-I26-U-c	101-I29-U-b	101-I30-U-c	101-J13-U-c	101-J17-U-c	101-J20-U-d	101-J21-U-b	101-J23-U-c	101-J26-U-a	
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-I22-U	101-I23-U	101-I24-U	101-I25-U	101-I26-U	101-I29-U	101-I30-U	101-J13-U	101-J17-U	101-J20-U	101-J21-U	101-J23-U	101-J26-U	
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	3.73 - 5.73	2.54 - 4.54	2.56 - 4.56	11.3 - 13.3	7.66 - 9.66	8.09 - 10.1	11.6 - 13.6	5.63 - 7.63	3.78 - 5.78	3.97 - 5.97	1.09 - 3.09	1.16 - 3.16	0.2 - 2.2	
Sample Date	(mg/kg)	(mg/kg)	1/11/2021	1/11/2021	1/12/2021	1/12/2021	1/13/2021	3/10/2021	1/14/2021	1/5/2021	1/6/2021	1/12/2021	1/8/2021	1/12/2021	1/13/2021	
VOC																
Benzene	280	0.5	0.00048 (0.00048)	0.06 (0.037)	U (0.00066)	U (0.00056)	0.41 (0.026)	U (0.00063)	U (0.00045)	0.23 J (0.32)	0.22 (0.036)	U (0.00049)	U (0.00045)	U (0.0004)	U (0.0005)	
Cumene	10000	2500	U (0.00096)	1.7 (0.075)	U (0.0013)	U (0.0011)	1 (0.053)	U (0.0013)	U (0.00091)	4.9 (0.64)	0.13 (0.072)	U (0.00097)	U (0.0009)	U (0.00081)	U (0.001)	
1,2-Dibromoethane	3.7	0.005	U (0.00048)	U (0.037)	U (0.00066)	U (0.00056)	U (0.026)	U (0.00063)	U (0.00045)	U (0.32)	U (0.036)	U (0.00049)	U (0.00045)	U (0.0004)	U (0.0005)	
1,2-Dichloroethane	85	0.5	U (0.00096)	U (0.075)	U (0.0013)	U (0.0011)	U (0.053)	U (0.0013)	U (0.00091)	U (0.64)	U (0.072)	U (0.00097)	U (0.0009)	U (0.00081)	U (0.001)	
Ethyl Benzene	880	70	U (0.00096)	0.15 (0.075)	U (0.0013)	U (0.0011)	0.14 (0.053)	U (0.0013)	U (0.00091)	0.14 J (0.64)	0.13 (0.072)	U (0.00097)	U (0.0009)	U (0.00081)	U (0.001)	
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.15)	U (0.0026)	U (0.0022)	U (0.11)	U (0.0025)	U (0.0018)	U (1.3)	U (0.14)	U (0.0019)	U (0.0018)	U (0.0016)	U (0.002)	
Toluene	10000	100	U (0.00096)	0.32 (0.075)	U (0.0013)	U (0.0011)	0.089 (0.053)	U (0.0013)	U (0.00091)	U (0.64)	0.09 (0.072)	U (0.00097)	U (0.0009)	U (0.00081)	U (0.001)	
1,2,4-Trimethylbenzene	4700	300	U (0.0019)	0.8 (0.15)	U (0.0026)	U (0.0022)	0.091 J (0.11)	U (0.0025)	U (0.0018)	0.36 J (1.3)	0.084 J (0.14)	U (0.0019)	U (0.0018)	U (0.0016)	U (0.002)	
1,3,5-Trimethylbenzene	4700	93	U (0.0019)	0.29 (0.15)	U (0.0026)	U (0.0022)	0.017 J (0.11)	U (0.0025)	U (0.0018)	2.7 (1.3)	0.031 J (0.14)	U (0.0019)	U (0.0018)	U (0.0016)	U (0.002)	
Xylenes (total)	7900	1000	U (0.0019)	1.63 J (0.15)	U (0.0026)	U (0.0022)	0.257 J (0.11)	U (0.0025)	U (0.0018)	0.72 J (1.3)	0.319 J (0.14)	U (0.0019)	U (0.0018)	U (0.0016)	U (0.002)	
PAHs																
Anthracene	190000	350	U (0.0079)	3.2 (0.39)	0.16 (0.038)	0.0077 (0.0071)	0.016 (0.0078)	0.019 J (0.038)	U (0.0076)	1.1 (0.091)	0.0065 J (0.0079)	U (0.0074)	0.0037 J (0.0077)	0.0079 (0.0072)	0.37 (0.038)	
Benzo(a)anthracene	130	340	0.0038 J (0.0079)	1.1 (0.39)	0.69 (0.038)	0.012 (0.0071)	0.039 (0.0078)	0.05 (0.038)	U (0.0076)	0.68 (0.091)	0.012 (0.0079)	0.0012 J (0.0074)	0.032 (0.0077)	0.022 (0.0072)	1.1 (0.038)	
Benzo(a)pyrene	91	46	0.011 (0.0079)	0.27 J (0.39)	1.3 (0.038)	0.02 (0.0071)	0.053 (0.0078)	0.046 (0.038)	U (0.0076)	0.56 (0.091)	0.0083 (0.0079)	U (0.0074)	0.046 (0.0077)	0.019 (0.0072)	0.98 (0.038)	
Benzo(b)fluoranthene	76	170	0.0084 (0.0079)	0.43 (0.39)	0.76 (0.038)	0.011 (0.0071)	0.068 (0.0078)	0.06 (0.038)	U (0.0076)	0.61 (0.091)	0.011 (0.0079)	0.00097 J (0.0074)	0.05 (0.0077)	0.026 (0.0072)	1.3 (0.038)	
Benzo(g,h,i)perylene	190000	180	0.018 (0.0079)	0.089 J (0.39)	2 (0.038)	0.04 (0.0071)	0.036 (0.0078)	0.032 J (0.038)	U (0.0076)	0.47 (0.091)	0.0076 J (0.0079)	U (0.0074)	0.029 (0.0077)	0.3 (0.0072)	0.36 (0.038)	
Chrysene	760	230	0.0039 J (0.0079)	0.88 (0.39)	0.89 (0.038)	0.015 (0.0071)	0.043 (0.0078)	0.061 (0.038)	U (0.0076)	0.91 (0.091)	0.012 (0.0079)	0.00071 J (0.0074)	0.03 (0.0077)	0.021 (0.0072)	0.96 (0.038)	
Fluorene	130000	3800	U (0.0079)	6.7 (0.39)	U (0.038)	U (0.0071)	0.041 (0.0078)	0.012 J (0.038)	U (0.0076)	5.3 (0.091)	0.01 (0.0079)	U (0.0074)	0.001 J (0.0077)	0.0026 J (0.0072)	0.14 (0.038)	
Naphthalene	66	25	U (0.0079)	6.3 (0.39)	0.21 (0.038)	0.01 (0.0071)	0.019 (0.0078)	0.42 (0.038)	U (0.0076)	1.7 (0.091)	0.0061 J (0.0079)	U (0.0074)	U (0.0077)	0.0021 J (0.0072)	0.033 J (0.038)	
Phenanthrene	190000	10000	0.0012 J (0.0079)	17 (0.39)	1.1 (0.038)	0.039 (0.0071)	0.094 (0.0078)	0.084 (0.038)	U (0.0076)	6.9 (0.091)	0.02 (0.0079)	U (0.0074)	0.017 (0.0077)	0.012 (0.0072)	2 (0.038)	
Pyrene	96000	2200	0.0027 J (0.0079)	4.6 (0.39)	1 (0.038)	0.027 (0.0071)	0.066 (0.0078)	0.091 (0.038)	U (0.0076)	1.6 (0.091)	0.036 (0.0079)	0.0011 J (0.0074)	0.04 (0.0077)	0.029 (0.0072)	2 (0.038)	
Metals																
Lead	1000	450	6 (2.34)	7.94 (2.25)	69.6 (2.26)	23 (2.11)	101 (2.31)	11.6 (2.31)	10.6 (2.23)	46.1 (2.68)	256 (2.32)	21.4 (2.27)	87.7 (2.32)	9.65 (2.18)	36.5 (2.27)	

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-J27-U-b	101-J28-U-a	101-J29-U-c	101-J31-U-a	101-J32-U-d	101-K20-U-d	101-K21-U-a	101-K23-U-b	101-K26-U-b	101-K29-U-d	101-K30-U-d	101-K31-U-a	101-K33-U-d
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-J27-U	101-J28-U	101-J29-U	101-J31-U	101-J32-U	101-K20-U	101-K21-U	101-K23-U	101-K26-U	101-K29-U	101-K30-U	101-K31-U	101-K33-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	0.85 - 2.85	6.27 - 8.27	8.93 - 10.9	11.8 - 13.8	12.1 - 14.1	4.24 - 6.24	0.17 - 2.17	0.9 - 2.9	3.11 - 5.11	8.93 - 10.9	10.7 - 12.7	11.7 - 13.7	12.4 - 14.4
Sample Date	(mg/kg)	(mg/kg)	1/13/2021	1/13/2021	1/13/2021	1/14/2021	1/20/2021	1/12/2021	1/12/2021	1/12/2021	1/13/2021	1/14/2021	1/14/2021	1/14/2021	1/20/2021
VOC															
Benzene	280	0.5	U (0.00065)	U (0.0005)	U (0.00077)	U (0.0003)	U (0.00053)	U (0.00052)	0.0016 (0.00075)	U (0.00053)	U (0.00049)	U (0.00057)	U (0.0005)	U (0.00054)	0.00028 J (0.00086)
Cumene	10000	2500	U (0.0013)	U (0.001)	U (0.0015)	U (0.0006)	U (0.0011)	U (0.001)	0.00054 J (0.0015)	U (0.001)	0.00016 J (0.00099)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0017)
1,2-Dibromoethane	3.7	0.005	U (0.00065)	U (0.0005)	U (0.00077)	U (0.0003)	U (0.00053)	U (0.00052)	U (0.00075)	U (0.00053)	U (0.00049)	U (0.00057)	U (0.0005)	U (0.00054)	U (0.00086)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.001)	U (0.0015)	U (0.0006)	U (0.0011)	U (0.001)	U (0.0015)	U (0.001)	U (0.00099)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0017)
Ethyl Benzene	880	70	U (0.0013)	U (0.001)	U (0.0015)	U (0.0006)	U (0.0011)	U (0.001)	0.00035 J (0.0015)	U (0.001)	U (0.00099)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0017)
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.002)	U (0.0031)	U (0.0012)	U (0.0021)	U (0.0021)	U (0.003)	U (0.0021)	U (0.002)	U (0.0023)	U (0.002)	U (0.0022)	U (0.0034)
Toluene	10000	100	U (0.0013)	U (0.001)	U (0.0015)	U (0.0006)	U (0.0011)	U (0.001)	0.0036 (0.0015)	U (0.001)	U (0.00099)	U (0.0011)	U (0.001)	U (0.0011)	U (0.0017)
1,2,4-Trimethylbenzene	4700	300	U (0.0026)	U (0.002)	U (0.0031)	U (0.0012)	U (0.0021)	U (0.0021)	0.00064 J (0.003)	U (0.0021)	0.0035 (0.002)	U (0.0023)	U (0.002)	U (0.0022)	0.001 J (0.0034)
1,3,5-Trimethylbenzene	4700	93	U (0.0026)	U (0.002)	U (0.0031)	U (0.0012)	U (0.0021)	U (0.0021)	0.001 J (0.003)	U (0.0021)	0.0016 J (0.002)	U (0.0023)	U (0.002)	U (0.0022)	0.00056 J (0.0034)
Xylenes (total)	7900	1000	U (0.0026)	U (0.002)	U (0.0031)	U (0.0012)	U (0.0021)	U (0.0021)	0.00245 J (0.003)	U (0.0021)	U (0.002)	U (0.0023)	U (0.002)	U (0.0022)	U (0.0034)
PAHs															
Anthracene	190000	350	0.016 (0.0077)	U (0.0078)	0.13 (0.078)	U (0.0079)	0.3 (0.039)	0.001 J (0.0076)	0.0014 J (0.0078)	0.088 (0.025)	0.14 (0.04)	U (0.0081)	0.01 (0.0075)	0.77 (0.079)	0.0025 J (0.0078)
Benzo(a)anthracene	130	340	0.069 (0.0077)	0.00078 J (0.0078)	0.54 (0.078)	U (0.0079)	1 (0.039)	0.0032 J (0.0076)	0.0078 (0.0078)	0.21 (0.025)	0.061 (0.04)	U (0.0081)	0.086 (0.0075)	2 (0.079)	0.034 (0.0078)
Benzo(a)pyrene	91	46	0.081 (0.0077)	U (0.0078)	0.51 (0.078)	U (0.0079)	1.4 (0.039)	0.0026 J (0.0076)	0.014 (0.0078)	0.17 (0.025)	U (0.04)	U (0.0081)	0.084 (0.0075)	1.8 (0.079)	0.13 (0.0078)
Benzo(b)fluoranthene	76	170	0.1 (0.0077)	U (0.0078)	0.54 (0.078)	U (0.0079)	1.6 (0.039)	0.0033 J (0.0076)	0.0099 (0.0078)	0.21 (0.025)	0.039 J (0.04)	U (0.0081)	0.11 (0.0075)	2.6 (0.079)	0.13 (0.0078)
Benzo(g,h,i)perylene	190000	180	0.074 (0.0077)	0.0065 J (0.0078)	0.36 (0.078)	U (0.0079)	0.99 (0.039)	0.002 J (0.0076)	0.018 (0.0078)	0.1 (0.025)	U (0.04)	U (0.0081)	0.058 (0.0075)	0.92 (0.079)	0.33 (0.0078)
Chrysene	760	230	0.13 (0.0077)	U (0.0078)	0.75 (0.078)	U (0.0079)	0.93 (0.039)	0.0028 J (0.0076)	0.007 J (0.0078)	0.18 (0.025)	0.26 (0.04)	U (0.0081)	0.085 (0.0075)	2.2 (0.079)	0.055 (0.0078)
Fluorene	130000	3800	0.0046 J (0.0077)	0.0014 J (0.0078)	U (0.078)	U (0.0079)	0.16 (0.039)	U (0.0076)	U (0.0078)	0.034 (0.025)	0.53 (0.04)	U (0.0081)	0.003 J (0.0075)	0.81 (0.079)	0.0016 J (0.0078)
Naphthalene	66	25	0.039 (0.0077)	U (0.0078)	0.034 J (0.078)	U (0.0079)	0.41 (0.039)	U (0.0076)	0.0055 J (0.0078)	0.015 J (0.025)	0.034 J (0.04)	U (0.0081)	0.0053 J (0.0075)	0.74 (0.079)	0.033 (0.0078)
Phenanthrene	190000	10000	0.083 (0.0077)	0.00094 J (0.0078)	0.58 (0.078)	U (0.0079)	1 (0.039)	0.0038 J (0.0076)	0.0057 J (0.0078)	0.32 (0.025)	2.1 (0.04)	0.00094 J (0.0081)	0.062 (0.0075)	6.1 (0.079)	0.0092 (0.0078)
Pyrene	96000	2200	0.11 (0.0077)	0.0007 J (0.0078)	1.2 (0.078)	U (0.0079)	1.5 (0.039)	0.0049 J (0.0076)	0.0058 J (0.0078)	0.33 (0.025)	0.14 (0.04)	0.00098 J (0.0081)	0.16 (0.0075)	4.5 (0.079)	0.013 (0.0078)
Metals															
Lead	1000	450	115 (2.3)	5.07 (2.34)	122 (2.3)	9.17 (2.35)	5.39 (2.38)	9.48 (2.21)	91.9 (2.29)	147 (2.56)	9.93 (2.43)	7.93 (2.36)	81.4 (2.18)	13300 (11.3)	17.4 (2.27)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-K34-U-b	101-L29-U-d	101-L30-U-c	101-L31-U-b	101-L32-U-a	101-L33-U-d	101-L35-U-d	101-M26-U-a	101-M28-U-c	101-M29-U-d	101-M30-U-b	101-M31-U-d	101-M32-U-c
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-K34-U	101-L29-U	101-L30-U	101-L31-U	101-L32-U	101-L33-U	101-L35-U	101-M26-U	101-M28-U	101-M29-U	101-M30-U	101-M31-U	101-M32-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	11.6 - 13.6	7.55 - 9.55	8.86 - 10.9	10.4 - 12.4	14.1 - 16.1	11.5 - 13.5	7.09 - 9.09	2.18 - 4.18	3.58 - 5.58	3.83 - 5.83	4.42 - 6.42	4.82 - 6.82	8.73 - 10.7
Sample Date	(mg/kg)	(mg/kg)	1/20/2021	1/14/2021	1/19/2021	1/19/2021	1/19/2021	1/20/2021	1/21/2021	1/13/2021	1/15/2021	1/14/2021	1/18/2021	1/18/2021	1/19/2021
VOC															
Benzene	280	0.5	0.00046 J (0.00069)	U (0.00062)	0.00053 J (0.00073)	U (0.032)	U (0.00042)	0.00021 J (0.00041)	U (0.12)	U (0.00039)	0.091 (0.032)	U (0.00043)	U (0.00054)	U (0.00098)	U (0.00054)
Cumene	10000	2500	U (0.0014)	U (0.0012)	0.00023 J (0.0015)	0.12 (0.063)	U (0.00084)	0.00071 J (0.00082)	0.41 (0.24)	0.00079 (0.00079)	0.07 (0.065)	0.036 (0.00087)	U (0.0011)	U (0.002)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00069)	U (0.00062)	U (0.00073)	U (0.032)	U (0.00042)	U (0.00041)	U (0.12)	U (0.00039)	U (0.032)	U (0.00043)	U (0.00054)	U (0.00098)	U (0.00054)
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.0012)	U (0.0015)	U (0.063)	U (0.00084)	U (0.00082)	U (0.24)	U (0.00079)	U (0.065)	U (0.00087)	U (0.0011)	U (0.002)	U (0.0011)
Ethyl Benzene	880	70	U (0.0014)	U (0.0012)	0.0004 J (0.0015)	U (0.063)	U (0.00084)	U (0.00082)	U (0.24)	U (0.00079)	0.02 J (0.065)	U (0.00087)	U (0.0011)	U (0.002)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0028)	U (0.0025)	U (0.0029)	U (0.13)	U (0.0017)	U (0.0016)	U (0.48)	U (0.0016)	U (0.13)	U (0.0017)	U (0.0022)	U (0.0039)	U (0.0022)
Toluene	10000	100	0.00075 J (0.0014)	U (0.0012)	U (0.0015)	U (0.063)	U (0.00084)	0.00048 J (0.00082)	U (0.24)	U (0.00079)	0.11 (0.065)	U (0.00087)	U (0.0011)	U (0.002)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	0.00056 J (0.0028)	U (0.0025)	U (0.0029)	0.13 (0.13)	U (0.0017)	0.00049 J (0.0016)	U (0.48)	U (0.0016)	0.21 (0.13)	0.00075 J (0.0017)	U (0.0022)	U (0.0039)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	U (0.0028)	U (0.0025)	U (0.0029)	0.031 J (0.13)	U (0.0017)	U (0.0016)	U (0.48)	U (0.0016)	0.11 J (0.13)	U (0.0017)	U (0.0022)	U (0.0039)	U (0.0022)
Xylenes (total)	7900	1000	0.0015 J (0.0028)	U (0.0025)	U (0.0029)	0.0705 J (0.13)	U (0.0017)	0.00106 J (0.0016)	0.36 J (0.48)	0.00123 J (0.0016)	0.55 J (0.13)	0.00226 J (0.0017)	U (0.0022)	U (0.0039)	U (0.0022)
PAHs															
Anthracene	190000	350	U (0.0075)	U (0.008)	0.082 (0.0075)	0.2 (0.077)	U (0.0079)	0.0029 J (0.0086)	0.76 (0.039)	4.9 (0.74)	0.16 (0.04)	0.14 (0.016)	9.2 (0.43)	0.062 (0.0081)	0.0022 J (0.0081)
Benzo(a)anthracene	130	340	U (0.0075)	0.0014 J (0.008)	0.14 (0.0075)	0.42 (0.077)	U (0.0079)	0.0037 J (0.0086)	0.15 (0.039)	0.71 J (0.74)	0.14 (0.04)	0.21 (0.016)	19 (0.43)	0.28 (0.0081)	0.0094 (0.0081)
Benzo(a)pyrene	91	46	U (0.0075)	0.00096 J (0.008)	0.18 (0.0075)	0.3 (0.077)	U (0.0079)	0.0026 J (0.0086)	0.036 J (0.039)	0.56 J (0.74)	0.24 (0.04)	0.14 (0.016)	16 (0.43)	0.2 (0.0081)	0.0083 (0.0081)
Benzo(b)fluoranthene	76	170	U (0.0075)	0.0012 J (0.008)	0.22 (0.0075)	0.38 (0.077)	U (0.0079)	0.003 J (0.0086)	0.031 J (0.039)	0.67 J (0.74)	0.2 (0.04)	0.18 (0.016)	20 (0.43)	0.28 (0.0081)	0.013 (0.0081)
Benzo(g,h,i)perylene	190000	180	U (0.0075)	U (0.008)	0.18 (0.0075)	0.18 (0.077)	U (0.0079)	0.0019 J (0.0086)	0.019 J (0.039)	0.44 J (0.74)	0.84 (0.04)	0.089 (0.016)	8.7 (0.43)	0.12 (0.0081)	0.0065 J (0.0081)
Chrysene	760	230	U (0.0075)	0.001 J (0.008)	0.14 (0.0075)	0.41 (0.077)	U (0.0079)	0.0031 J (0.0086)	0.13 (0.039)	1.2 (0.74)	0.21 (0.04)	0.32 (0.016)	17 (0.43)	0.24 (0.0081)	0.0093 (0.0081)
Fluorene	130000	3800	U (0.0075)	U (0.008)	0.04 (0.0075)	0.18 (0.077)	U (0.0079)	0.0045 J (0.0086)	1.4 (0.039)	14 (0.74)	0.077 (0.04)	0.35 (0.016)	5.6 (0.43)	0.017 (0.0081)	U (0.0081)
Naphthalene	66	25	U (0.0075)	U (0.008)	0.084 (0.0075)	0.054 J (0.077)	U (0.0079)	0.003 J (0.0086)	U (0.039)	0.49 J (0.74)	1.2 (0.04)	0.092 (0.016)	2.3 (0.43)	0.071 (0.0081)	0.0026 J (0.0081)
Phenanthrene	190000	10000	0.0012 J (0.0075)	U (0.008)	0.19 (0.0075)	0.64 (0.077)	U (0.0079)	0.0071 J (0.0086)	3.5 (0.039)	42 (0.74)	0.5 (0.04)	1.2 (0.016)	31 (0.43)	0.3 (0.0081)	0.016 (0.0081)
Pyrene	96000	2200	0.0014 J (0.0075)	U (0.008)	0.2 (0.0075)	0.64 (0.077)	0.00095 J (0.0079)	0.008 J (0.0086)	0.94 (0.039)	5.5 (0.74)	0.2 (0.04)	0.062 (0.016)	35 (0.43)	0.33 (0.0081)	0.014 (0.0081)
Metals															
Lead	1000	450	4.23 (2.26)	5.85 (2.33)	41.2 (2.22)	176 (2.29)	3.52 (2.25)	5.46 (2.5)	10.9 (2.31)	37.6 (2.18)	34.9 (2.32)	27.9 (2.46)	1100 (2.44)	132 (2.29)	8.56 (2.35)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-M33-U-c	101-M34-U-d	101-M36-U-a	101-N29-U-c	101-N31-U-d	101-N32-U-c	101-N33-U-b	101-N34-U-b	101-N35-U-c	101-O28-U-b	101-O29-U-a	101-O30-U-a	101-O31-U-c
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-M33-U	101-M34-U	101-M36-U	101-N29-U	101-N31-U	101-N32-U	101-N33-U	101-N34-U	101-N35-U	101-O28-U	101-O29-U	101-O30-U	101-O31-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	9.25 - 11.3	9.26 - 11.3	4.03 - 6.03	3.94 - 5.94	1.95 - 3.95	1.94 - 3.94	5.06 - 7.06	5.07 - 7.07	3.94 - 5.94	2.5 - 4.5	2.71 - 4.71	2.8 - 4.8	1.47 - 3.47
Sample Date	(mg/kg)	(mg/kg)	1/21/2021	1/21/2021	1/21/2021	1/15/2021	1/18/2021	1/18/2021	1/18/2021	1/19/2021	1/21/2021	1/15/2021	1/15/2021	1/22/2021	1/18/2021
VOC															
Benzene	280	0.5	U (0.03)	0.43 (0.04)	0.64 (0.068)	0.0092 (0.0006)	0.21 (0.044)	U (0.00045)	0.035 J (0.077)	0.038 J (0.071)	0.00034 J (0.00048)	U (0.00049)	0.6 (0.073)	U (0.032)	0.00028 J (0.00069)
Cumene	10000	2500	0.93 (0.06)	0.35 (0.08)	1 (0.14)	0.055 (0.0012)	1.7 (0.087)	0.0093 (0.0009)	0.92 (0.15)	1.2 (0.14)	0.012 (0.00096)	U (0.00099)	0.73 (0.15)	0.1 (0.063)	0.00069 J (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.03)	U (0.00054)	U (0.068)	U (0.0006)	U (0.044)	U (0.00045)	U (0.0011)	U (0.071)	0.0013 (0.00048)	U (0.00049)	U (0.073)	U (0.032)	U (0.00069)
1,2-Dichloroethane	85	0.5	U (0.06)	U (0.0011)	U (0.14)	U (0.0012)	U (0.087)	U (0.0009)	U (0.0022)	U (0.14)	U (0.00096)	U (0.00099)	U (0.15)	U (0.063)	U (0.0014)
Ethyl Benzene	880	70	0.14 (0.06)	0.35 (0.08)	0.097 J (0.14)	0.0049 (0.0012)	0.12 (0.087)	0.0003 J (0.0009)	U (0.0022)	0.041 J (0.14)	0.00015 J (0.00096)	U (0.00099)	6.4 (0.15)	0.01 J (0.063)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.0022)	U (0.27)	U (0.0024)	U (0.17)	U (0.0018)	U (0.0043)	U (0.28)	U (0.0019)	U (0.002)	U (0.29)	U (0.13)	U (0.0028)
Toluene	10000	100	U (0.06)	0.41 (0.08)	3.8 (0.14)	0.01 (0.0012)	0.24 (0.087)	U (0.0009)	U (0.0022)	U (0.14)	U (0.00096)	U (0.00099)	2.8 (0.15)	U (0.063)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	1 (0.12)	1.2 (0.16)	0.19 J (0.27)	0.011 (0.0024)	0.067 J (0.17)	U (0.0018)	0.0011 J (0.0043)	0.14 J (0.28)	0.00066 J (0.0019)	U (0.002)	46 (0.58)	0.028 J (0.13)	U (0.0028)
1,3,5-Trimethylbenzene	4700	93	0.4 (0.12)	0.23 (0.16)	0.58 (0.27)	0.00086 J (0.0024)	U (0.17)	U (0.0018)	U (0.0043)	0.027 J (0.28)	U (0.0019)	U (0.002)	7.4 (0.29)	U (0.13)	U (0.0028)
Xylenes (total)	7900	1000	0.419 J (0.12)	2.15 J (0.16)	0.54 J (0.27)	0.0218 J (0.0024)	0.44 J (0.17)	0.00131 J (0.0018)	0.0804 J (0.15)	0.296 J (0.28)	0.00283 J (0.0019)	U (0.002)	20.8 J (0.29)	U (0.13)	U (0.0028)
PAHs															
Anthracene	190000	350	0.83 (0.038)	0.002 J (0.0081)	0.41 (0.02)	1.4 (0.16)	0.23 (0.076)	0.0034 J (0.0078)	0.81 (0.096)	2.2 (0.087)	0.52 (0.079)	0.039 (0.0073)	5.1 (0.79)	0.16 (0.04)	6.7 (0.41)
Benzo(a)anthracene	130	340	0.56 (0.038)	0.003 J (0.0081)	0.54 (0.02)	0.91 (0.16)	0.79 (0.076)	0.0023 J (0.0078)	0.31 (0.096)	3 (0.087)	0.71 (0.079)	0.16 (0.0073)	17 (0.79)	0.19 (0.04)	20 (0.41)
Benzo(a)pyrene	91	46	0.22 (0.038)	0.0022 J (0.0081)	0.56 (0.02)	0.47 (0.16)	0.48 (0.076)	0.0019 J (0.0078)	0.52 (0.096)	2 (0.087)	0.39 (0.079)	0.22 (0.0073)	7.4 (0.79)	0.074 (0.04)	16 (0.41)
Benzo(b)fluoranthene	76	170	0.15 (0.038)	0.0031 J (0.0081)	0.52 (0.02)	0.49 (0.16)	0.5 (0.076)	0.0017 J (0.0078)	0.47 (0.096)	2.2 (0.087)	0.41 (0.079)	0.2 (0.0073)	5.2 (0.79)	0.098 (0.04)	21 (0.41)
Benzo(g,h,i)perylene	190000	180	0.23 (0.038)	0.0019 J (0.0081)	0.54 (0.02)	0.36 (0.16)	0.31 (0.076)	0.0009 J (0.0078)	0.72 (0.096)	0.9 (0.087)	0.23 (0.079)	0.11 (0.0073)	U (0.79)	0.054 (0.04)	8.6 (0.41)
Chrysene	760	230	0.47 (0.038)	0.0096 (0.0081)	0.69 (0.02)	0.86 (0.16)	1.7 (0.076)	0.0061 J (0.0078)	1 (0.096)	3.5 (0.087)	2.3 (0.079)	0.53 (0.0073)	22 (0.79)	0.3 (0.04)	17 (0.41)
Fluorene	130000	3800	1.6 (0.038)	0.0021 J (0.0081)	0.36 (0.02)	4.1 (0.16)	0.47 (0.076)	0.024 (0.0078)	2.8 (0.096)	4.8 (0.087)	1.6 (0.079)	0.047 (0.0073)	11 (0.79)	0.75 (0.04)	2.2 (0.41)
Naphthalene	66	25	0.12 (0.038)	0.0085 (0.0081)	1.4 (0.02)	0.7 (0.16)	0.42 (0.076)	0.0016 J (0.0078)	2.4 (0.096)	1.8 (0.087)	0.44 (0.079)	0.08 (0.0073)	14 (0.79)	0.057 (0.04)	0.5 (0.41)
Phenanthrene	190000	10000	3.5 (0.038)	0.0036 J (0.0081)	1.2 (0.02)	15 (0.16)	1.1 (0.076)	0.026 (0.0078)	8.1 (0.096)	20 (0.44)	5.8 (0.079)	0.11 (0.0073)	47 (0.79)	0.23 (0.04)	25 (0.41)
Pyrene	96000	2200	2.6 (0.038)	0.011 (0.0081)	1.4 (0.02)	1.6 (0.16)	1.4 (0.076)	0.009 (0.0078)	1.4 (0.096)	6 (0.087)	1.8 (0.079)	0.44 (0.0073)	23 (0.79)	0.26 (0.04)	33 (0.41)
Metals															
Lead	1000	450	5.1 (2.26)	9.92 (2.43)	141 (3.06)	37.7 (2.35)	25.6 (2.21)	8.38 (2.24)	110 (2.79)	42.2 (2.63)	67.5 (2.34)	81 (2.17)	136 (2.33)	120 (2.34)	9.76 (2.44)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-O34-U-d	101-O36-U-c	101-O37-U-d	101-P12-U-a	101-P31-U-d	101-P35-U-a	101-P36-U-c	101-P37-U-b	101-P38-U-c	101-Q37-U-a	101-Q38-U-c	101-Q39-U-a	101-R38-U-c
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-O34-U	101-O36-U	101-O37-U	101-P12-U	101-P31-U	101-P35-U	101-P36-U	101-P37-U	101-P38-U	101-Q37-U	101-Q38-U	101-Q39-U	101-R38-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	1.91 - 3.91	4.43 - 6.43	4.02 - 6.02	4.33 - 6.33	9.69 - 11.7	2.66 - 4.66	5.45 - 7.45	6.8 - 8.8	3.39 - 5.39	6.8 - 8.8	5.33 - 7.33	0.57 - 2.57	0.57 - 2.57
Sample Date	(mg/kg)	(mg/kg)	1/22/2021	1/22/2021	1/25/2021	2/10/2021	1/25/2021	1/22/2021	1/22/2021	1/22/2021	1/25/2021	1/25/2021	1/25/2021	1/25/2021	1/25/2021
VOC															
Benzene	280	0.5	0.065 (0.036)	U (0.00054)	U (0.00052)	U (0.00063)	U (0.033)	1.4 (0.066)	U (0.00044)	U (0.00083)	0.00082 J (0.0012)	U (0.00053)	U (0.00051)	U (0.00061)	U (0.00059)
Cumene	10000	2500	0.52 (0.072)	U (0.0011)	U (0.001)	U (0.0013)	U (0.066)	2.1 (0.13)	0.022 (0.00088)	U (0.0017)	U (0.0024)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.036)	U (0.00054)	U (0.00052)	U (0.00063)	U (0.033)	U (0.066)	U (0.00044)	U (0.00083)	U (0.0012)	U (0.00053)	U (0.00051)	U (0.00061)	U (0.00059)
1,2-Dichloroethane	85	0.5	U (0.072)	U (0.0011)	U (0.001)	U (0.0013)	U (0.066)	U (0.13)	U (0.00088)	U (0.0017)	U (0.0024)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)
Ethyl Benzene	880	70	0.17 (0.072)	0.00015 J (0.0011)	U (0.001)	U (0.0013)	U (0.066)	6.1 (0.13)	U (0.00088)	U (0.0017)	U (0.0024)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (0.14)	U (0.0022)	U (0.0021)	U (0.0025)	U (0.13)	U (0.26)	U (0.0018)	U (0.0033)	U (0.0049)	U (0.0021)	U (0.002)	U (0.0024)	U (0.0024)
Toluene	10000	100	U (0.072)	U (0.0011)	U (0.001)	U (0.0013)	U (0.066)	0.1 J (0.13)	U (0.00088)	U (0.0017)	U (0.0024)	U (0.0011)	U (0.001)	U (0.0012)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	0.14 (0.14)	U (0.0022)	U (0.0021)	U (0.0025)	U (0.13)	9.7 (0.26)	0.00036 J (0.0018)	U (0.0033)	U (0.0049)	U (0.0021)	U (0.002)	U (0.0024)	U (0.0024)
1,3,5-Trimethylbenzene	4700	93	0.14 (0.14)	U (0.0022)	U (0.0021)	U (0.0025)	U (0.13)	4.4 (0.26)	U (0.0018)	U (0.0033)	U (0.0049)	U (0.0021)	U (0.002)	U (0.0024)	U (0.0024)
Xylenes (total)	7900	1000	0.076 J (0.14)	U (0.0022)	U (0.0021)	U (0.0025)	U (0.13)	8.97 J (0.26)	U (0.0018)	U (0.0033)	U (0.0049)	U (0.0021)	U (0.002)	U (0.0024)	U (0.0024)
PAHs															
Anthracene	190000	350	0.046 (0.038)	0.0051 J (0.0078)	0.016 J (0.12)	0.027 J (0.043)	0.053 (0.037)	0.037 J (0.038)	0.00087 J (0.0079)	0.99 (0.095)	0.0028 J (0.0083)	U (0.0082)	U (0.0079)	0.15 (0.034)	0.00074 J (0.0082)
Benzo(a)anthracene	130	340	0.31 (0.038)	0.02 (0.0078)	0.097 J (0.12)	0.15 (0.043)	U (0.037)	0.07 (0.038)	0.0046 J (0.0079)	6.2 (0.095)	0.016 (0.0083)	U (0.0082)	0.0041 J (0.0079)	0.42 (0.034)	0.0013 J (0.0082)
Benzo(a)pyrene	91	46	0.23 (0.038)	0.011 (0.0078)	0.071 J (0.12)	0.15 (0.043)	U (0.037)	0.068 (0.038)	0.00095 J (0.0079)	5.8 (0.095)	0.018 (0.0083)	U (0.0082)	0.0039 J (0.0079)	0.3 (0.034)	U (0.0082)
Benzo(b)fluoranthene	76	170	0.31 (0.038)	0.014 (0.0078)	0.086 J (0.12)	0.22 (0.043)	0.0069 J (0.037)	0.078 (0.038)	0.0016 J (0.0079)	6.5 (0.095)	0.019 (0.0083)	U (0.0082)	0.0052 J (0.0079)	0.41 (0.034)	0.0011 J (0.0082)
Benzo(g,h,i)perylene	190000	180	0.13 (0.038)	0.023 (0.0078)	0.08 J (0.12)	0.22 (0.043)	0.0093 J (0.037)	0.063 (0.038)	0.0012 J (0.0079)	4.6 (0.095)	0.02 (0.0083)	U (0.0082)	0.0032 J (0.0079)	0.17 (0.034)	0.00086 J (0.0082)
Chrysene	760	230	0.25 (0.038)	0.013 (0.0078)	0.086 J (0.12)	0.19 (0.043)	0.043 (0.037)	0.085 (0.038)	0.0011 J (0.0079)	5.3 (0.095)	0.015 (0.0083)	U (0.0082)	0.0035 J (0.0079)	0.32 (0.034)	0.0016 J (0.0082)
Fluorene	130000	3800	0.042 (0.038)	0.0068 J (0.0078)	U (0.12)	0.027 J (0.043)	0.4 (0.037)	0.054 (0.038)	0.0013 J (0.0079)	0.23 (0.095)	0.001 J (0.0083)	U (0.0082)	U (0.0079)	0.054 (0.034)	0.0048 J (0.0082)
Naphthalene	66	25	0.037 J (0.038)	0.0066 J (0.0078)	0.029 J (0.12)	0.21 (0.043)	0.11 (0.037)	0.14 (0.038)	U (0.0079)	0.26 (0.095)	0.011 (0.0083)	U (0.0082)	U (0.0079)	0.026 J (0.034)	U (0.0082)
Phenanthrene	190000	10000	0.18 (0.038)	0.015 (0.0078)	0.074 J (0.12)	0.1 (0.043)	0.62 (0.037)	0.15 (0.038)	0.0025 J (0.0079)	4.1 (0.095)	0.018 (0.0083)	U (0.0082)	0.0022 J (0.0079)	0.59 (0.034)	0.00094 J (0.0082)
Pyrene	96000	2200	0.44 (0.038)	0.02 (0.0078)	0.11 J (0.12)	0.24 (0.043)	0.046 (0.037)	0.12 (0.038)	0.0027 J (0.0079)	7.6 (0.095)	0.017 (0.0083)	0.00061 J (0.0082)	0.0053 J (0.0079)	0.62 (0.034)	0.002 J (0.0082)
Metals															
Lead	1000	450	8.18 (2.23)	38.3 (2.25)	234 (2.33)	183 (2.59)	6.41 (2.23)	48.6 (2.23)	6.18 (2.3)	1060 (2.73)	26.7 (2.41)	4.65 (2.44)	12 (2.34)	626 (2.04)	20.2 (2.4)

Notes:

- Concentrations are presented in mg/kg.
- Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
- Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
- Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
- Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
- Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
- A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:

VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-S23-U-b	101-S24-U-c	101-S25-U-d	101-S26-U-d	101-S28-U-a	101-S30-U-b	101-T24-U-d	101-T26-U-b	101-T28-U-d	101-T29-U-a	101-T30-U-c	101-T31-U-d	101-T32-U-c
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-S23-U	101-S24-U	101-S25-U	101-S26-U	101-S28-U	101-S30-U	101-T24-U	101-T26-U	101-T28-U	101-T29-U	101-T30-U	101-T31-U	101-T32-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	21 - 23	16.3 - 18.3	13.7 - 15.7	12-Oct	7.09 - 9.09	8.27 - 10.3	8.05 - 10.1	16.3 - 18.3	7.77 - 9.77	13.4 - 15.4	8.18 - 10.2	7.92 - 9.92	16.9 - 18.9
Sample Date	(mg/kg)	(mg/kg)	2/9/2021	2/5/2021	2/5/2021	2/8/2021	2/4/2021	1/27/2021	2/10/2021	2/4/2021	2/3/2021	2/3/2021	2/3/2021	1/28/2021	1/29/2021
VOC															
Benzene	280	0.5	0.021 J (0.033)	0.00024 J (0.00046)	0.00014 J (0.00042)	0.016 J (0.028)	0.026 J (0.028)	0.098 (0.036)	0.014 J (0.027)	0.11 (0.029)	0.019 J (0.029)	0.00046 J (0.00057)	U (0.025)	0.12 (0.076)	0.00024 J (0.00048)
Cumene	10000	2500	0.059 J (0.066)	0.00054 J (0.00092)	0.054 (0.00083)	1 (0.057)	1.8 (0.055)	0.18 (0.071)	0.79 (0.054)	0.81 (0.057)	0.43 (0.058)	U (0.0011)	0.99 (0.05)	0.17 (0.15)	0.00035 J (0.00096)
1,2-Dibromoethane	3.7	0.005	U (0.033)	U (0.00046)	U (0.00042)	U (0.028)	U (0.028)	U (0.036)	U (0.027)	U (0.029)	U (0.029)	U (0.00057)	U (0.025)	U (0.076)	U (0.00048)
1,2-Dichloroethane	85	0.5	U (0.066)	U (0.00092)	U (0.00083)	U (0.057)	U (0.055)	U (0.071)	U (0.054)	U (0.057)	U (0.058)	U (0.0011)	U (0.05)	U (0.15)	U (0.00096)
Ethyl Benzene	880	70	0.012 J (0.066)	U (0.00092)	0.00025 J (0.00083)	0.014 J (0.057)	0.046 J (0.055)	0.08 (0.071)	U (0.054)	0.091 (0.057)	0.016 J (0.058)	U (0.0011)	0.016 J (0.05)	0.094 J (0.15)	U (0.00096)
Methyl tert-butyl ether	8500	2	U (0.13)	U (0.0018)	U (0.0017)	U (0.11)	U (0.11)	U (0.14)	U (0.11)	U (0.11)	U (0.12)	U (0.0023)	U (0.099)	U (0.3)	U (0.0019)
Toluene	10000	100	U (0.066)	U (0.00092)	0.00072 J (0.00083)	U (0.057)	0.099 (0.055)	0.081 (0.071)	U (0.054)	0.082 (0.057)	U (0.058)	U (0.0011)	U (0.05)	0.084 J (0.15)	U (0.00096)
1,2,4-Trimethylbenzene	4700	300	0.022 J (0.13)	U (0.0018)	0.0033 (0.0017)	0.042 J (0.11)	0.3 (0.11)	0.043 J (0.14)	U (0.11)	0.081 J (0.11)	0.023 J (0.12)	U (0.0023)	0.024 J (0.099)	0.11 J (0.3)	0.00039 J (0.0019)
1,3,5-Trimethylbenzene	4700	93	U (0.13)	U (0.0018)	0.0026 (0.0017)	0.023 J (0.11)	0.079 J (0.11)	0.041 J (0.14)	U (0.11)	0.025 J (0.11)	0.013 J (0.12)	U (0.0023)	0.013 J (0.099)	0.038 J (0.3)	U (0.0019)
Xylenes (total)	7900	1000	U (0.13)	U (0.0018)	0.00463 J (0.0017)	0.083 J (0.11)	0.35 J (0.11)	0.214 J (0.14)	U (0.11)	0.197 J (0.11)	0.093 J (0.12)	U (0.0023)	0.049 J (0.099)	0.227 J (0.3)	0.00133 J (0.0019)
PAHs															
Anthracene	190000	350	0.062 (0.037)	0.027 J (0.037)	0.14 (0.037)	0.27 (0.038)	0.091 (0.037)	0.18 (0.04)	0.34 (0.038)	0.0041 J (0.0078)	0.3 (0.039)	0.062 (0.037)	0.056 (0.042)	1.4 (0.075)	U (0.015)
Benzo(a)anthracene	130	340	0.1 (0.037)	0.077 (0.037)	0.22 (0.037)	0.73 (0.038)	0.32 (0.037)	0.39 (0.04)	0.2 (0.038)	0.012 (0.0078)	0.62 (0.039)	0.39 (0.037)	0.31 (0.042)	2 (0.075)	0.068 (0.015)
Benzo(a)pyrene	91	46	0.074 (0.037)	0.056 (0.037)	0.14 (0.037)	0.46 (0.038)	0.26 (0.037)	0.26 (0.04)	0.13 (0.038)	0.011 (0.0078)	0.51 (0.039)	0.36 (0.037)	0.31 (0.042)	1.3 (0.075)	0.052 (0.015)
Benzo(b)fluoranthene	76	170	0.084 (0.037)	0.07 (0.037)	0.15 (0.037)	0.46 (0.038)	0.23 (0.037)	0.29 (0.04)	0.15 (0.038)	0.012 (0.0078)	0.6 (0.039)	0.38 (0.037)	0.34 (0.042)	1 (0.075)	0.067 (0.015)
Benzo(g,h,i)perylene	190000	180	0.068 (0.037)	0.052 (0.037)	0.22 (0.037)	0.29 (0.038)	0.23 (0.037)	0.23 (0.04)	0.098 (0.038)	0.0064 J (0.0078)	0.37 (0.039)	0.39 (0.037)	0.38 (0.042)	1.1 (0.075)	0.045 (0.015)
Chrysene	760	230	0.1 (0.037)	0.072 (0.037)	0.25 (0.037)	1 (0.038)	0.23 (0.037)	0.37 (0.04)	0.34 (0.038)	0.011 (0.0078)	0.52 (0.039)	0.35 (0.037)	0.25 (0.042)	1.5 (0.075)	0.05 (0.015)
Fluorene	130000	3800	0.2 (0.037)	0.027 J (0.037)	0.28 (0.037)	0.37 (0.038)	0.13 (0.037)	0.24 (0.04)	1.5 (0.038)	0.0026 J (0.0078)	0.069 (0.039)	0.027 J (0.037)	0.023 J (0.042)	1.2 (0.075)	U (0.015)
Naphthalene	66	25	0.05 (0.037)	0.056 (0.037)	0.14 (0.037)	0.22 (0.038)	0.026 J (0.037)	0.19 (0.04)	0.29 (0.038)	U (0.0078)	0.22 (0.039)	0.13 (0.037)	0.073 (0.042)	1 (0.075)	0.054 (0.015)
Phenanthrene	190000	10000	0.22 (0.037)	0.057 (0.037)	0.57 (0.037)	0.76 (0.038)	0.31 (0.037)	0.28 (0.04)	1.2 (0.038)	0.005 J (0.0078)	0.45 (0.039)	0.25 (0.037)	0.14 (0.042)	2.4 (0.075)	U (0.015)
Pyrene	96000	2200	0.19 (0.037)	0.13 (0.037)	0.34 (0.037)	1 (0.038)	0.36 (0.037)	0.68 (0.04)	0.58 (0.038)	0.023 (0.0078)	0.79 (0.039)	0.35 (0.037)	0.28 (0.042)	4.9 (0.075)	0.099 (0.015)
Metals															
Lead	1000	450	39 (2.13)	116 (2.21)	156 (2.22)	88.8 (2.2)	53.4 (2.18)	1230 (2.35)	56.7 (2.3)	37.7 (2.31)	293 (2.27)	163 (2.2)	168 (2.41)	108 (2.2)	59.9 (2.24)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-T33-U-c	101-T34-U-a	101-T38-U-b	101-U21-U-b	101-U30-U-a	101-U32-U-c	101-U33-U-b	101-U34-U-b	101-U35-U-b	101-U37-U-b	101-V24-U-d	101-V27-U-a	101-V30-U-b
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-T33-U	101-T34-U	101-T38-U	101-U21-U	101-U30-U	101-U32-U	101-U33-U	101-U34-U	101-U35-U	101-U37-U	101-V24-U	101-V27-U	101-V30-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	10.4 - 12.4	10.5 - 12.5	0.63 - 2.63	5.38 - 7.38	6.68 - 8.68	6.31 - 8.31	13 - 15	13 - 15	8.4 - 10.4	6.36 - 8.36	2.39 - 4.39	2.39 - 4.39	2.09 - 4.09
Sample Date	(mg/kg)	(mg/kg)	1/29/2021	1/28/2021	1/26/2021	2/8/2021	1/29/2021	1/28/2021	1/28/2021	1/27/2021	1/28/2021	1/26/2021	2/8/2021	1/27/2021	1/27/2021
VOC															
Benzene	280	0.5	0.00059 J (0.00043)	U (0.025)	U (0.0011)	0.0012 (0.00051)	0.00027 J (0.00058)	0.00043 J (0.00045)	U (0.026)	0.044 J (0.058)	U (0.2)	0.0018 (0.00072)	0.68 (0.065)	0.00087 (0.00055)	1.7 (0.047)
Cumene	10000	2500	0.00052 J (0.00086)	0.23 (0.05)	U (0.0022)	0.053 (0.001)	0.01 (0.0012)	0.00077 J (0.00089)	6.1 (0.051)	1.3 (0.12)	3.2 (0.4)	0.02 (0.0014)	12 (0.13)	0.00077 J (0.0011)	0.82 (0.094)
1,2-Dibromoethane	3.7	0.005	U (0.00043)	U (0.025)	U (0.0011)	U (0.00051)	U (0.00058)	U (0.00045)	U (0.026)	U (0.058)	U (0.2)	U (0.00072)	0.15 (0.065)	U (0.00055)	U (0.047)
1,2-Dichloroethane	85	0.5	U (0.00086)	U (0.05)	U (0.0022)	U (0.001)	U (0.0012)	U (0.00089)	U (0.051)	U (0.12)	U (0.4)	U (0.0014)	U (0.13)	U (0.0011)	U (0.094)
Ethyl Benzene	880	70	0.00019 J (0.00086)	0.014 J (0.05)	U (0.0022)	0.00077 J (0.001)	U (0.0012)	0.0003 J (0.00089)	0.02 J (0.051)	0.039 J (0.12)	0.092 J (0.4)	0.0012 J (0.0014)	0.17 (0.13)	0.00086 J (0.0011)	0.28 (0.094)
Methyl tert-butyl ether	8500	2	U (0.0017)	U (0.1)	U (0.0045)	U (0.002)	U (0.0023)	U (0.0018)	U (0.1)	U (0.23)	U (0.81)	U (0.0029)	U (0.26)	U (0.0022)	U (0.19)
Toluene	10000	100	U (0.00086)	U (0.05)	U (0.0022)	0.0011 (0.001)	U (0.0012)	U (0.00089)	0.048 J (0.051)	U (0.12)	U (0.4)	0.0021 (0.0014)	0.52 (0.13)	0.00088 J (0.0011)	1.3 (0.094)
1,2,4-Trimethylbenzene	4700	300	U (0.0017)	U (0.1)	U (0.0045)	0.01 (0.002)	0.00049 J (0.0023)	0.00038 J (0.0018)	0.18 (0.1)	U (0.23)	U (0.81)	0.1 (0.0029)	72 (2.6)	0.0015 J (0.0022)	9.8 (0.19)
1,3,5-Trimethylbenzene	4700	93	U (0.0017)	U (0.1)	U (0.0045)	0.0016 J (0.002)	U (0.0023)	U (0.0018)	0.072 J (0.1)	U (0.23)	U (0.81)	0.052 (0.0029)	18 (0.26)	0.00049 J (0.0022)	1.9 (0.19)
Xylenes (total)	7900	1000	U (0.0017)	U (0.1)	U (0.0045)	0.0073 J (0.002)	0.00161 J (0.0023)	0.00122 J (0.0018)	0.175 J (0.1)	U (0.23)	U (0.81)	0.0339 J (0.0029)	9.4 J (0.26)	0.00372 J (0.0022)	3.5 J (0.19)
PAHs															
Anthracene	190000	350	19 (0.37)	0.067 (0.038)	U (0.0078)	0.073 (0.04)	0.078 (0.008)	0.16 (0.04)	0.54 (0.035)	0.18 (0.037)	0.53 (0.073)	0.31 (0.038)	0.28 (0.076)	0.031 (0.015)	0.89 J (0.93)
Benzo(a)anthracene	130	340	1.5 (0.37)	0.12 (0.038)	0.015 (0.0078)	0.17 (0.04)	0.2 (0.008)	0.45 (0.04)	0.34 (0.035)	0.37 (0.037)	0.25 (0.073)	0.66 (0.038)	1.5 (0.076)	0.14 (0.015)	1.5 (0.93)
Benzo(a)pyrene	91	46	1.5 (0.37)	0.059 (0.038)	0.013 (0.0078)	0.071 (0.04)	0.11 (0.008)	0.35 (0.04)	0.11 (0.035)	0.32 (0.037)	0.1 (0.073)	0.6 (0.038)	1.2 (0.076)	0.11 (0.015)	1.1 (0.93)
Benzo(b)fluoranthene	76	170	1.2 (0.37)	0.057 (0.038)	0.02 (0.0078)	0.062 (0.04)	0.12 (0.008)	0.44 (0.04)	0.14 (0.035)	0.34 (0.037)	0.083 (0.073)	0.43 (0.038)	0.97 (0.076)	0.12 (0.015)	0.69 J (0.93)
Benzo(g,h,i)perylene	190000	180	1.3 (0.37)	0.083 (0.038)	0.013 (0.0078)	0.071 (0.04)	0.082 (0.008)	0.2 (0.04)	0.079 (0.035)	0.31 (0.037)	0.059 J (0.073)	0.44 (0.038)	0.62 (0.076)	0.059 (0.015)	1 (0.93)
Chrysene	760	230	2.2 (0.37)	0.12 (0.038)	0.011 (0.0078)	0.1 (0.04)	0.15 (0.008)	0.43 (0.04)	0.75 (0.035)	0.4 (0.037)	0.34 (0.073)	0.92 (0.038)	3.2 (0.076)	0.19 (0.015)	2.4 (0.93)
Fluorene	130000	3800	2.2 (0.37)	0.27 (0.038)	U (0.0078)	0.21 (0.04)	0.12 (0.008)	0.1 (0.04)	1.8 (0.035)	0.33 (0.037)	2.4 (0.073)	0.22 (0.038)	0.76 (0.076)	0.045 (0.015)	2.4 (0.93)
Naphthalene	66	25	0.59 (0.37)	U (0.038)	0.0062 J (0.0078)	0.021 J (0.04)	0.11 (0.008)	0.15 (0.04)	0.81 (0.035)	0.11 (0.037)	0.48 (0.073)	0.19 (0.038)	0.37 (0.076)	0.045 (0.015)	5.3 (0.93)
Phenanthrene	190000	10000	2.3 (0.37)	0.26 (0.038)	0.0043 J (0.0078)	0.54 (0.04)	0.28 (0.008)	0.34 (0.04)	5.3 (0.18)	0.78 (0.037)	6.2 (0.073)	0.64 (0.038)	1.9 (0.076)	0.15 (0.015)	6.6 (0.93)
Pyrene	96000	2200	2.4 (0.37)	0.14 (0.038)	0.011 (0.0078)	0.14 (0.04)	0.24 (0.008)	0.75 (0.04)	1 (0.035)	0.69 (0.037)	0.58 (0.073)	1.1 (0.038)	2.7 (0.076)	0.2 (0.015)	3.3 (0.93)
Metals															
Lead	1000	450	90.9 (2.16)	10 (2.22)	21 (2.24)	34.5 (2.31)	51.3 (2.27)	230 (2.39)	158 (2.08)	78 (2.14)	63.4 (2.2)	13.6 (2.22)	171 (2.26)	107 (2.17)	503 (2.69)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	101-V33-U-c	101-V35-U-b	101-X43-U-d	102-D04-U-c	102-E08-U-b	102-E11-U-b	102-E13-U-b	102-F13-U-d	102-F16-U-d	102-F18-U-a	102-F20-U-a	102-G23-U-b	102-G25-U-b
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	101-V33-U	101-V35-U	101-X43-U	102-D04-U	102-E08-U	102-E11-U	102-E13-U	102-F13-U	102-F16-U	102-F18-U	102-F20-U	102-G23-U	102-G25-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	0.82 - 2.82	6.56 - 8.56	5.33 - 7.33	1.33 - 3.33	3.08 - 5.08	3.01 - 5.01	3.07 - 5.07	3.07 - 5.07	1.06 - 3.06	2.73 - 4.73	3.22 - 5.22	3.79 - 5.79	2.39 - 4.39
Sample Date	(mg/kg)	(mg/kg)	1/27/2021	1/26/2021	1/26/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/12/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021
VOC															
Benzene	280	0.5	0.0017 (0.00068)	U (0.13)	U (0.00048)	0.0022 (0.0006)	0.01 (0.00056)	U (0.034)	0.97 (0.036)	0.52 (0.048)	0.5 (0.061)	0.13 (0.036)	U (0.042)	U (0.00035)	0.42 (0.045)
Cumene	10000	2500	0.014 (0.0014)	3.8 (0.26)	U (0.00097)	U (0.0012)	0.0076 (0.0011)	6.7 (0.068)	0.98 (0.072)	4.2 (0.095)	2.6 (0.12)	0.45 (0.073)	0.037 J (0.083)	0.0049 (0.0007)	0.48 (0.09)
1,2-Dibromoethane	3.7	0.005	U (0.00068)	U (0.13)	U (0.00048)	U (0.0006)	U (0.00056)	U (0.034)	0.028 J (0.036)	0.041 J (0.048)	U (0.061)	U (0.036)	U (0.042)	U (0.00035)	U (0.045)
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.26)	U (0.00097)	U (0.0012)	U (0.0011)	U (0.068)	U (0.072)	U (0.095)	U (0.12)	U (0.073)	U (0.083)	U (0.0007)	U (0.09)
Ethyl Benzene	880	70	U (0.0014)	U (0.26)	U (0.00097)	0.00019 J (0.0012)	0.0005 J (0.0011)	0.015 J (0.068)	1.1 (0.072)	0.12 (0.095)	0.15 (0.12)	0.11 (0.073)	0.016 J (0.083)	0.00022 J (0.0007)	0.14 (0.09)
Methyl tert-butyl ether	8500	2	U (0.0027)	U (0.51)	U (0.0019)	U (0.0024)	U (0.0022)	U (0.14)	U (0.14)	U (0.19)	U (0.24)	U (0.14)	U (0.17)	U (0.0014)	U (0.18)
Toluene	10000	100	U (0.0014)	U (0.26)	U (0.00097)	0.0036 (0.0012)	U (0.0011)	U (0.068)	1.7 (0.072)	0.18 (0.095)	0.22 (0.12)	0.071 J (0.073)	U (0.083)	U (0.0007)	0.31 (0.09)
1,2,4-Trimethylbenzene	4700	300	0.0042 (0.0027)	U (0.51)	U (0.0019)	U (0.0024)	0.00058 J (0.0022)	0.083 J (0.14)	2.6 (0.14)	0.07 J (0.19)	0.33 (0.24)	0.21 (0.14)	0.046 J (0.17)	U (0.0014)	0.11 J (0.18)
1,3,5-Trimethylbenzene	4700	93	0.00086 J (0.0027)	U (0.51)	U (0.0019)	U (0.0024)	0.00025 J (0.0022)	0.026 J (0.14)	0.41 (0.14)	0.025 J (0.19)	0.076 J (0.24)	0.061 J (0.14)	0.02 J (0.17)	U (0.0014)	0.019 J (0.18)
Xylenes (total)	7900	1000	0.0094 J (0.0027)	U (0.51)	U (0.0019)	U (0.0024)	0.00226 J (0.0022)	0.153 J (0.14)	3.07 J (0.14)	0.28 J (0.19)	0.65 J (0.24)	0.331 J (0.14)	U (0.17)	0.00208 J (0.0014)	0.418 J (0.18)
PAHs															
Anthracene	190000	350	1.3 (0.078)	0.26 (0.037)	0.0011 J (0.0075)	0.53 J (0.81)	0.12 (0.081)	0.39 (0.038)	3.7 (0.16)	0.62 (0.086)	0.53 (0.16)	1.5 (0.08)	0.044 (0.04)	0.75 (0.041)	2.7 (0.2)
Benzo(a)anthracene	130	340	1.3 (0.078)	0.2 (0.037)	0.028 (0.0075)	23 (0.81)	0.27 (0.081)	0.17 (0.038)	8.1 (0.16)	0.52 (0.086)	2.3 (0.16)	2.5 (0.08)	0.17 (0.04)	0.49 (0.041)	2 (0.2)
Benzo(a)pyrene	91	46	0.88 (0.078)	0.052 (0.037)	0.005 J (0.0075)	45 (0.81)	0.3 (0.081)	0.09 (0.038)	13 (0.16)	0.44 (0.086)	1.8 (0.16)	2.2 (0.08)	0.12 (0.04)	0.22 (0.041)	1.3 (0.2)
Benzo(b)fluoranthene	76	170	0.93 (0.078)	0.051 (0.037)	0.0059 J (0.0075)	25 (0.81)	0.36 (0.081)	0.099 (0.038)	12 (0.16)	0.38 (0.086)	2.4 (0.16)	2 (0.08)	0.11 (0.04)	0.19 (0.041)	0.79 (0.2)
Benzo(g,h,i)perylene	190000	180	0.46 (0.078)	0.043 (0.037)	0.009 (0.0075)	40 (0.81)	0.36 (0.081)	0.055 (0.038)	8.2 (0.16)	0.47 (0.086)	1.4 (0.16)	1.2 (0.08)	0.13 (0.04)	0.098 (0.041)	1.1 (0.2)
Chrysene	760	230	1.9 (0.078)	0.22 (0.037)	0.014 (0.0075)	19 (0.81)	0.34 (0.081)	0.25 (0.038)	7.4 (0.16)	0.97 (0.086)	5.5 (0.16)	2.6 (0.08)	0.18 (0.04)	0.45 (0.041)	3.8 (0.2)
Fluorene	130000	3800	2.9 (0.078)	0.84 (0.037)	U (0.0075)	0.17 J (0.81)	0.25 (0.081)	1.2 (0.038)	3.6 (0.16)	1 (0.086)	0.47 (0.16)	3.6 (0.08)	0.051 (0.04)	0.42 (0.041)	4.9 (0.2)
Naphthalene	66	25	2.9 (0.078)	0.21 (0.037)	0.0021 J (0.0075)	0.46 J (0.81)	0.21 (0.081)	0.17 (0.038)	1.4 (0.16)	1.5 (0.086)	0.88 (0.16)	3.6 (0.08)	0.1 (0.04)	0.036 J (0.041)	0.99 (0.2)
Phenanthrene	190000	10000	3.2 (0.078)	1.8 (0.037)	0.0033 J (0.0075)	1.4 (0.81)	0.42 (0.081)	2.4 (0.038)	12 (0.16)	1.4 (0.086)	1.9 (0.16)	7.8 (0.08)	0.32 (0.04)	0.11 (0.041)	1.3 (0.2)
Pyrene	96000	2200	2.8 (0.078)	0.46 (0.037)	0.0056 J (0.0075)	5.3 (0.81)	0.5 (0.081)	0.84 (0.038)	12 (0.16)	4.2 (0.086)	4.2 (0.16)	4.8 (0.08)	0.28 (0.04)	1.9 (0.041)	8.6 (0.2)
Metals															
Lead	1000	450	238 (2.33)	55.8 (2.17)	1670 (2.22)	28.5 (2.37)	115 (2.32)	12.3 (2.23)	16 (2.39)	157 (2.5)	148 (2.35)	33.3 (2.35)	418 (2.35)	42.6 (2.39)	14.6 (2.35)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	102-G27-U-a	102-G29-U-c	103-A10-U-c	103-C10-U-b	103-E08-U-d	103-F07-U-d	103-F11-U-b	103-G07-U-d	103-G11-U-d	103-H01-U-b	103-H05-U-c	103-I05-U-b	104-A25-U-c	
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	102-G27-U	102-G29-U	103-A10-U	103-C10-U	103-E08-U	103-F07-U	103-F11-U	103-G07-U	103-G11-U	103-H01-U	103-H05-U	103-I05-U	104-A25-U	
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	2.84 - 4.84	1.34 - 3.34	17.6 - 19.6	1.07 - 3.07	5.2 - 7.2	4.58 - 6.58	3.93 - 5.93	3.58 - 5.58	3.93 - 5.93	2.78 - 4.78	2.61 - 4.61	3.01 - 5.01	2.88 - 4.88	
Sample Date	(mg/kg)	(mg/kg)	2/11/2021	2/11/2021	2/17/2021	2/17/2021	2/12/2021	2/15/2021	2/12/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	2/25/2021	
VOC																
Benzene	280	0.5	0.55 (0.039)	0.011 (0.00059)	U (0.028)	U (0.00057)	U (0.00043)	U (0.028)	U (0.026)	0.081 (0.00051)	0.00014 J (0.00041)	0.00057 J (0.00068)	0.08 (0.031)	0.001 (0.00072)	0.029 J (0.03)	
Cumene	10000	2500	0.4 (0.078)	0.0026 (0.0012)	1.6 (0.055)	U (0.0011)	0.00056 J (0.00086)	0.047 J (0.056)	0.9 (0.052)	0.0076 (0.001)	0.0031 (0.00082)	0.00062 J (0.0014)	0.042 J (0.061)	0.051 (0.0014)	2.6 (0.06)	
1,2-Dibromoethane	3.7	0.005	U (0.039)	U (0.00059)	U (0.028)	U (0.00057)	0.0014 (0.00043)	U (0.028)	U (0.026)	U (0.00051)	U (0.00041)	U (0.00068)	U (0.031)	U (0.00072)	U (0.03)	
1,2-Dichloroethane	85	0.5	U (0.078)	U (0.0012)	U (0.055)	U (0.0011)	U (0.00086)	U (0.056)	U (0.052)	U (0.001)	U (0.00082)	U (0.0014)	U (0.061)	U (0.0014)	U (0.06)	
Ethyl Benzene	880	70	1 (0.078)	0.00081 J (0.0012)	U (0.055)	U (0.0011)	U (0.00086)	0.0084 J (0.056)	U (0.052)	0.046 (0.001)	0.00029 J (0.00082)	0.00068 J (0.0014)	0.05 J (0.061)	0.001 J (0.0014)	0.019 J (0.06)	
Methyl tert-butyl ether	8500	2	U (0.16)	U (0.0023)	U (0.11)	U (0.0023)	U (0.0017)	U (0.11)	U (0.1)	U (0.002)	U (0.0016)	U (0.0027)	U (0.12)	U (0.0029)	U (0.12)	
Toluene	10000	100	0.69 (0.078)	0.0057 (0.0012)	U (0.055)	U (0.0011)	0.00047 J (0.00086)	U (0.056)	U (0.052)	0.0047 (0.001)	U (0.00082)	0.00082 J (0.0014)	0.062 (0.061)	0.0013 J (0.0014)	0.034 J (0.06)	
1,2,4-Trimethylbenzene	4700	300	8.2 (0.16)	0.018 (0.0023)	U (0.11)	U (0.0023)	U (0.0017)	0.022 J (0.11)	0.062 J (0.1)	0.0051 (0.002)	0.0013 J (0.0016)	0.0037 (0.0027)	0.072 J (0.12)	0.0034 (0.0029)	0.14 (0.12)	
1,3,5-Trimethylbenzene	4700	93	6 (0.16)	0.00033 J (0.0023)	U (0.11)	U (0.0023)	0.00069 J (0.0017)	0.016 J (0.11)	0.039 J (0.1)	U (0.002)	0.0004 J (0.0016)	0.0014 J (0.0027)	0.02 J (0.12)	U (0.0029)	0.019 J (0.12)	
Xylenes (total)	7900	1000	2.6 J (0.16)	0.0076 J (0.0023)	U (0.11)	U (0.0023)	0.00415 J (0.0017)	0.073 J (0.11)	0.088 J (0.1)	0.0074 J (0.002)	0.00137 J (0.0016)	0.0041 J (0.0027)	0.173 J (0.12)	0.005 J (0.0029)	0.118 J (0.12)	
PAHs																
Anthracene	190000	350	0.049 (0.038)	0.076 (0.042)	0.073 (0.036)	U (0.0076)	1.5 (0.075)	0.052 (0.039)	0.81 (0.18)	0.23 (0.082)	0.29 (0.036)	0.066 J (0.081)	0.62 (0.076)	0.58 (0.077)	0.86 (0.078)	
Benzo(a)anthracene	130	340	0.26 (0.038)	0.42 (0.042)	0.07 (0.036)	U (0.0076)	0.57 (0.075)	0.15 (0.039)	0.4 (0.18)	1.7 (0.082)	0.48 (0.036)	0.32 (0.081)	2.1 (0.076)	1.2 (0.077)	1.8 (0.078)	
Benzo(a)pyrene	91	46	0.23 (0.038)	0.47 (0.042)	0.031 J (0.036)	U (0.0076)	0.21 (0.075)	0.1 (0.039)	0.16 J (0.18)	2.1 (0.082)	0.36 (0.036)	0.32 (0.081)	2.5 (0.076)	0.95 (0.077)	1.6 (0.078)	
Benzo(b)fluoranthene	76	170	0.25 (0.038)	0.38 (0.042)	0.03 J (0.036)	U (0.0076)	0.28 (0.075)	0.088 (0.039)	0.23 (0.18)	2.3 (0.082)	0.38 (0.036)	0.41 (0.081)	3.3 (0.076)	0.96 (0.077)	1.3 (0.078)	
Benzo(g,h,i)perylene	190000	180	0.2 (0.038)	0.72 (0.042)	0.026 J (0.036)	U (0.0076)	0.1 (0.075)	0.074 (0.039)	0.13 J (0.18)	1.2 (0.082)	0.25 (0.036)	0.43 (0.081)	1.7 (0.076)	0.84 (0.077)	1.2 (0.078)	
Chrysene	760	230	0.26 (0.038)	0.38 (0.042)	0.11 (0.036)	U (0.0076)	2.1 (0.075)	0.15 (0.039)	1.8 (0.18)	1.7 (0.082)	0.64 (0.036)	0.53 (0.081)	2.2 (0.076)	1.4 (0.077)	3.1 (0.078)	
Fluorene	130000	3800	0.025 J (0.038)	0.013 J (0.042)	0.22 (0.036)	U (0.0076)	4.9 (0.075)	0.068 (0.039)	2 (0.18)	0.18 (0.082)	0.53 (0.036)	0.04 J (0.081)	0.4 (0.076)	0.79 (0.077)	0.94 (0.078)	
Naphthalene	66	25	0.14 (0.038)	0.12 (0.042)	0.055 (0.036)	U (0.0076)	0.048 J (0.075)	0.063 (0.039)	0.095 J (0.18)	0.41 (0.082)	0.24 (0.036)	0.18 (0.081)	0.9 (0.076)	0.66 (0.077)	0.17 (0.078)	
Phenanthrene	190000	10000	0.33 (0.038)	0.39 (0.042)	0.3 (0.036)	U (0.0076)	1.4 (0.075)	0.15 (0.039)	1.6 (0.18)	0.84 (0.082)	1.4 (0.036)	0.24 (0.081)	2.1 (0.076)	2.7 (0.077)	3.7 (0.078)	
Pyrene	96000	2200	0.33 (0.038)	0.39 (0.042)	0.2 (0.036)	0.004 J (0.0076)	1.7 (0.075)	0.33 (0.039)	1.4 (0.18)	1.8 (0.082)	0.84 (0.036)	0.39 (0.081)	2.6 (0.076)	1.9 (0.077)	2.3 (0.078)	
Metals																
Lead	1000	450	123 (2.19)	315 (2.51)	6.63 (2.1)	6.19 (2.19)	4.49 (2.2)	53.2 (2.27)	8.3 (2.14)	161 (2.39)	27.4 (2.15)	421 (2.38)	267 (2.29)	204 (2.33)	16.4 (2.3)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	104-A28-U-d	104-C24-U-b	104-C26-U-a	104-C28-U-a	104-D22-U-b	104-D24-U-a	104-D26-U-c	104-E20-U-d	104-E22-U-c	104-E24-U-a	104-F18-U-c	104-F20-U-d	104-F22-U-d
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	104-A28-U	104-C24-U	104-C26-U	104-C28-U	104-D22-U	104-D24-U	104-D26-U	104-E20-U	104-E22-U	104-E24-U	104-F18-U	104-F20-U	104-F22-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	5.71 - 7.71	2.59 - 4.59	3.08 - 5.08	5.07 - 7.07	2.56 - 4.56	1.71 - 3.71	3.08 - 5.08	5.46 - 7.46	2.13 - 4.13	1.47 - 3.47	2.86 - 4.86	2.46 - 4.46	1.01 - 3.01
Sample Date	(mg/kg)	(mg/kg)	2/25/2021	2/25/2021	2/25/2021	2/25/2021	3/2/2021	2/25/2021	2/25/2021	2/26/2021	2/26/2021	2/26/2021	3/1/2021	2/26/2021	2/26/2021
VOC															
Benzene	280	0.5	U (0.0005)	0.008 (0.00069)	U (0.00062)	U (0.042)	U (0.00051)	14 (0.041)	U (0.067)	0.028 J (0.046)	U (0.00065)	0.002 (0.00056)	0.097 (0.033)	0.5 (0.038)	0.00045 J (0.00089)
Cumene	10000	2500	0.25 (0.001)	0.0045 (0.0014)	0.00058 J (0.0012)	0.049 J (0.084)	U (0.001)	0.27 (0.082)	0.32 (0.13)	2.4 (0.093)	U (0.0013)	0.00033 J (0.0017)	8.8 (0.067)	8.6 (0.076)	0.00033 J (0.0018)
1,2-Dibromoethane	3.7	0.005	0.00083 (0.00052)	U (0.00069)	U (0.00062)	U (0.042)	U (0.00051)	U (0.041)	U (0.067)	U (0.046)	U (0.00065)	U (0.00056)	U (0.033)	U (0.038)	U (0.00089)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0014)	U (0.0012)	U (0.084)	U (0.001)	U (0.082)	U (0.13)	U (0.093)	U (0.0013)	U (0.0011)	U (0.067)	U (0.076)	U (0.0018)
Ethyl Benzene	880	70	U (0.001)	0.0012 J (0.0014)	U (0.0012)	0.018 J (0.084)	U (0.001)	0.054 J (0.082)	U (0.13)	0.038 J (0.093)	U (0.0013)	0.00047 J (0.0017)	0.1 (0.067)	0.22 (0.076)	U (0.0018)
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0028)	U (0.0025)	U (0.17)	U (0.002)	U (0.16)	U (0.27)	U (0.18)	U (0.0026)	U (0.0022)	U (0.13)	U (0.15)	U (0.0036)
Toluene	10000	100	0.0022 (0.001)	0.0031 (0.0014)	0.0018 (0.0012)	U (0.084)	U (0.001)	4.7 (0.082)	U (0.13)	U (0.093)	U (0.0013)	0.0028 (0.0017)	0.084 (0.067)	0.14 (0.076)	U (0.0018)
1,2,4-Trimethylbenzene	4700	300	0.016 (0.002)	0.0057 (0.0028)	0.0046 (0.0025)	0.05 J (0.17)	U (0.002)	0.11 J (0.16)	U (0.27)	0.08 J (0.18)	U (0.0026)	0.00077 J (0.0034)	0.14 (0.13)	0.33 (0.15)	U (0.0036)
1,3,5-Trimethylbenzene	4700	93	0.0018 J (0.002)	0.0049 (0.0028)	0.0013 J (0.0025)	0.016 J (0.17)	U (0.002)	0.04 J (0.16)	0.026 J (0.27)	0.023 J (0.18)	U (0.0026)	0.00054 J (0.0034)	0.024 J (0.13)	0.12 J (0.15)	U (0.0036)
Xylenes (total)	7900	1000	0.0264 J (0.002)	0.0154 J (0.0028)	0.0039 J (0.0025)	0.206 J (0.17)	U (0.002)	0.27 J (0.16)	U (0.27)	0.406 J (0.18)	U (0.0026)	0.0032 J (0.0034)	0.335 J (0.13)	0.74 J (0.15)	U (0.0036)
PAHs															
Anthracene	190000	350	0.039 (0.0078)	0.85 (0.076)	0.6 (0.04)	6.1 (0.92)	U (0.007)	0.53 (0.25)	0.68 (0.44)	1.9 (0.16)	0.08 J (0.081)	0.12 (0.037)	0.74 (0.076)	0.14 (0.073)	0.0063 J (0.0079)
Benzo(a)anthracene	130	340	0.11 (0.0078)	5.3 (0.076)	1 (0.04)	38 (0.92)	0.00088 J (0.007)	4.1 (0.25)	5.6 (0.44)	0.95 (0.16)	0.24 (0.081)	0.41 (0.037)	0.67 (0.076)	0.54 (0.073)	0.082 (0.0079)
Benzo(a)pyrene	91	46	0.028 (0.0078)	6.2 (0.076)	1.4 (0.04)	59 (0.92)	U (0.007)	8.4 (0.25)	19 (0.44)	0.78 (0.16)	0.36 (0.081)	0.73 (0.037)	0.5 (0.076)	1 (0.073)	0.18 (0.0079)
Benzo(b)fluoranthene	76	170	0.036 (0.0078)	6.6 (0.076)	0.86 (0.04)	61 (0.92)	0.00074 J (0.007)	6.3 (0.25)	18 (0.44)	0.49 (0.16)	0.36 (0.081)	0.58 (0.037)	0.43 (0.076)	0.56 (0.073)	0.1 (0.0079)
Benzo(g,h,i)perylene	190000	180	0.01 (0.0078)	4.9 (0.076)	2 (0.04)	37 (0.92)	0.00081 J (0.007)	11 (0.25)	26 (0.44)	0.75 (0.16)	0.66 (0.081)	1.4 (0.037)	0.45 (0.076)	1.1 (0.073)	0.34 (0.0079)
Chrysene	760	230	0.17 (0.0078)	4.6 (0.076)	2.3 (0.04)	32 (0.92)	0.00098 J (0.007)	3.6 (0.25)	5.7 (0.44)	1.8 (0.16)	0.36 (0.081)	0.47 (0.037)	0.69 (0.076)	0.79 (0.073)	0.11 (0.0079)
Fluorene	130000	3800	0.07 (0.0078)	0.39 (0.076)	0.29 (0.04)	1.7 (0.92)	U (0.007)	0.71 (0.25)	0.81 (0.44)	2.7 (0.16)	0.011 J (0.081)	0.02 J (0.037)	1 (0.076)	0.24 (0.073)	0.0018 J (0.0079)
Naphthalene	66	25	0.003 J (0.0078)	0.41 (0.076)	0.54 (0.04)	2.4 (0.92)	U (0.007)	5.1 (0.25)	3.4 (0.44)	0.65 (0.16)	0.14 (0.081)	0.098 (0.037)	1.1 (0.076)	0.085 (0.073)	0.013 (0.0079)
Phenanthrene	190000	10000	0.074 (0.0078)	2.3 (0.076)	0.76 (0.04)	18 (0.92)	0.0011 J (0.007)	2.3 (0.25)	2.4 (0.44)	8.7 (0.16)	0.18 (0.081)	0.43 (0.037)	2.9 (0.076)	0.62 (0.073)	0.027 (0.0079)
Pyrene	96000	2200	0.12 (0.0078)	4.9 (0.076)	1.4 (0.04)	30 (0.92)	0.0018 J (0.007)	3.5 (0.25)	4.8 (0.44)	3.8 (0.16)	0.27 (0.081)	0.5 (0.037)	1.5 (0.076)	1.2 (0.073)	0.033 (0.0079)
Metals															
Lead	1000	450	7.26 (2.3)	1540 (2.26)	41.8 (2.33)	34.9 (2.74)	1.89 J (2.06)	660 (2.99)	166 (2.5)	8.33 (2.29)	175 (2.38)	6.81 (2.11)	69.9 (2.22)	17.7 (2.14)	101 (2.29)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	104-G15-U-a	104-G18-U-c	104-G20-U-b	104-H15-U-a	104-H16-U-b	104-H17-U-a	104-H19-U-a	104-I12-U-a	104-I14-U-a	104-I17-U-b	104-J10-U-a	104-J11-U-b	104-J12-U-a	
Field Sample ID	Direct Contact	Groundwater	104-G15-U	104-G18-U	104-G20-U	104-H15-U	104-H16-U	104-H17-U	104-H19-U	104-I12-U	104-I14-U	104-I17-U	104-J10-U	104-J11-U	104-J12-U	
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	12.9 - 14.9	5.41 - 7.41	1.56 - 3.56	6.26 - 8.26	3.9 - 5.9	5.6 - 7.6	1.18 - 3.18	7.58 - 9.58	10.7 - 12.7	3.94 - 5.94	7.56 - 9.56	7.58 - 9.58	7.58 - 9.58	
Sample Date	(mg/kg)	(mg/kg)	3/2/2021	3/1/2021	2/26/2021	3/2/2021	3/2/2021	3/2/2021	3/1/2021	3/4/2021	3/3/2021	3/1/2021	3/3/2021	3/4/2021	3/4/2021	
VOC																
Benzene	280	0.5	0.00033 J (0.00049)	U (0.00084)	U (0.00045)	U (0.00051)	U (0.0012)	0.084 (0.026)	0.00064 J (0.00085)	0.086 (0.049)	U (0.0005)	U (0.031)	U (0.0007)	0.00025 J (0.00052)	U (0.00045)	
Cumene	10000	2500	0.8 (0.064)	0.00054 J (0.0017)	U (0.0009)	U (0.001)	U (0.0024)	0.58 (0.052)	0.02 (0.0017)	2.5 (0.098)	0.0024 (0.00099)	0.0086 J (0.062)	0.00068 J (0.0014)	0.016 (0.001)	0.0012 (0.0009)	
1,2-Dibromoethane	3.7	0.005	U (0.00049)	U (0.00084)	U (0.00045)	U (0.00051)	U (0.0012)	U (0.026)	U (0.00085)	U (0.049)	U (0.0005)	U (0.031)	U (0.0007)	U (0.00052)	U (0.00045)	
1,2-Dichloroethane	85	0.5	U (0.00098)	U (0.0017)	U (0.0009)	U (0.001)	U (0.0024)	U (0.052)	U (0.0017)	U (0.098)	U (0.00099)	U (0.062)	U (0.0014)	U (0.001)	U (0.0009)	
Ethyl Benzene	880	70	0.00032 J (0.00098)	0.00024 J (0.0017)	U (0.0009)	U (0.001)	U (0.0024)	0.46 (0.052)	U (0.0017)	0.15 (0.098)	U (0.00099)	U (0.062)	0.00028 J (0.0014)	0.0046 (0.001)	U (0.0009)	
Methyl tert-butyl ether	8500	2	U (0.002)	U (0.0033)	U (0.0018)	U (0.002)	U (0.0049)	U (0.1)	U (0.0034)	U (0.2)	U (0.002)	U (0.12)	U (0.0028)	U (0.0021)	U (0.0018)	
Toluene	10000	100	0.00058 J (0.00098)	U (0.0017)	U (0.0009)	U (0.001)	U (0.0024)	0.032 J (0.052)	U (0.0017)	0.11 (0.098)	U (0.00099)	U (0.062)	U (0.0014)	0.005 (0.001)	U (0.0009)	
1,2,4-Trimethylbenzene	4700	300	0.056 J (0.13)	U (0.0033)	U (0.0018)	U (0.002)	U (0.0049)	0.16 (0.1)	U (0.0034)	0.23 (0.2)	U (0.002)	U (0.12)	0.00054 J (0.0028)	U (0.0021)	U (0.0018)	
1,3,5-Trimethylbenzene	4700	93	0.001 J (0.002)	U (0.0033)	U (0.0018)	U (0.002)	U (0.0049)	0.21 (0.1)	0.00045 J (0.0034)	0.18 J (0.2)	U (0.002)	U (0.12)	0.00032 J (0.0028)	0.0019 J (0.0021)	0.00069 J (0.0018)	
Xylenes (total)	7900	1000	0.0079 J (0.002)	U (0.0033)	U (0.0018)	U (0.002)	U (0.0049)	0.17 J (0.1)	U (0.0034)	0.45 J (0.2)	0.00131 J (0.002)	U (0.12)	0.00186 J (0.0028)	0.01264 J (0.0021)	0.00156 J (0.0018)	
PAHs																
Anthracene	190000	350	0.13 (0.014)	0.8 (0.083)	0.21 (0.035)	0.0012 J (0.0088)	0.012 J (0.037)	0.064 (0.038)	1.4 (0.076)	60 (8)	0.4 (0.037)	0.036 (0.016)	0.42 J (0.65)	0.51 (0.2)	0.44 (0.04)	
Benzo(a)anthracene	130	340	0.1 (0.014)	1.3 (0.083)	0.95 (0.035)	0.032 (0.0088)	0.088 (0.037)	0.088 (0.038)	3.4 (0.076)	140 (8)	0.91 (0.037)	0.068 (0.016)	0.51 J (0.65)	0.66 (0.2)	0.35 (0.04)	
Benzo(a)pyrene	91	46	0.091 (0.014)	0.98 (0.083)	0.84 (0.035)	0.048 (0.0088)	0.16 (0.037)	0.11 (0.038)	3.6 (0.076)	98 (8)	0.64 (0.037)	0.048 (0.016)	0.35 J (0.65)	0.55 (0.2)	0.28 (0.04)	
Benzo(b)fluoranthene	76	170	0.059 (0.014)	1.7 (0.083)	1 (0.035)	0.054 (0.0088)	0.15 (0.037)	0.066 (0.038)	4.1 (0.076)	120 (8)	0.57 (0.037)	0.047 (0.016)	0.39 J (0.65)	0.42 (0.2)	0.31 (0.04)	
Benzo(g,h,i)perylene	190000	180	0.42 (0.014)	0.73 (0.083)	0.43 (0.035)	0.081 (0.0088)	0.28 (0.037)	0.19 (0.038)	2.3 (0.076)	42 (8)	0.36 (0.037)	0.033 (0.016)	0.24 J (0.65)	0.46 (0.2)	0.19 (0.04)	
Chrysene	760	230	0.11 (0.014)	1.2 (0.083)	0.77 (0.035)	0.033 (0.0088)	0.12 (0.037)	0.12 (0.038)	3.1 (0.076)	120 (8)	0.85 (0.037)	0.09 (0.016)	1.2 (0.65)	1.3 (0.2)	0.86 (0.04)	
Fluorene	130000	3800	0.3 (0.014)	0.22 (0.083)	0.06 (0.035)	U (0.0088)	U (0.037)	0.047 (0.038)	0.4 (0.076)	32 (8)	0.52 (0.037)	0.0087 J (0.016)	1.7 (0.65)	0.97 (0.2)	0.1 (0.04)	
Naphthalene	66	25	0.78 (0.014)	0.62 (0.083)	0.028 J (0.035)	U (0.0088)	0.23 (0.037)	0.025 J (0.038)	0.26 (0.076)	4.7 J (8)	U (0.037)	0.014 J (0.016)	0.91 (0.65)	0.32 (0.2)	0.33 (0.04)	
Phenanthrene	190000	10000	1.2 (0.014)	0.69 (0.083)	0.79 (0.035)	0.0043 J (0.0088)	0.11 (0.037)	0.22 (0.038)	2.8 (0.076)	240 (8)	1.5 (0.037)	0.048 (0.016)	4.2 (0.65)	2 (0.2)	1.2 (0.04)	
Pyrene	96000	2200	0.17 (0.014)	2.8 (0.083)	1.3 (0.035)	0.025 (0.0088)	0.075 (0.037)	0.28 (0.038)	5.8 (0.076)	220 (8)	1.2 (0.037)	0.14 (0.016)	1.4 (0.65)	1.6 (0.2)	1.2 (0.04)	
Metals																
Lead	1000	450	3.69 (2.06)	73.7 (2.47)	41.7 (2.09)	158 (2.61)	69.9 (2.13)	129 (11.4)	43.5 (2.21)	5.3 (2.36)	29.7 (2.18)	11.7 (2.34)	53.5 (2.43)	58.4 (2.45)	77.6 (2.32)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	104-J13-U-d	104-J18-U-d	104-J19-U-d	104-K07-U-d	104-K09-U-c	104-K10-U-a	104-K11-U-c	104-K12-U-d	104-K13-U-b	104-K14-U-a	104-K15-U-c	104-K18-U-b	104-L05-U-d	
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	104-J13-U	104-J18-U	104-J19-U	104-K07-U	104-K09-U	104-K10-U	104-K11-U	104-K12-U	104-K13-U	104-K14-U	104-K15-U	104-K18-U	104-L05-U	
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	10.7 - 12.7	4.91 - 6.91	2.84 - 4.84	8.75 - 10.8	9.72 - 11.7	9.58 - 11.6	9.35 - 11.4	7.66 - 9.66	2.57 - 4.57	2.53 - 4.53	2.53 - 4.53	2.45 - 4.45	9.98 - 12	
Sample Date	(mg/kg)	(mg/kg)	3/3/2021	3/8/2021	3/8/2021	3/9/2021	3/4/2021	3/4/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/3/2021	3/8/2021	3/5/2021	
VOC																
Benzene	280	0.5	0.0061 (0.0063)	U (0.0046)	U (0.0005)	0.0007 J (0.0013)	U (0.00063)	0.032 (0.03)	0.052 J (0.056)	0.00078 J (0.001)	0.00025 J (0.00061)	0.052 J (0.078)	U (0.0012)	0.45 (0.038)	U (0.031)	
Cumene	10000	2500	0.17 (0.0013)	U (0.00092)	0.054 (0.001)	0.0042 (0.0026)	U (0.0013)	0.13 (0.06)	1.6 (0.11)	0.38 (0.0021)	U (0.0012)	2 (0.16)	U (0.0024)	0.42 (0.075)	1.5 (0.063)	
1,2-Dibromoethane	3.7	0.005	U (0.00063)	U (0.00046)	U (0.0005)	U (0.0013)	U (0.00063)	U (0.03)	U (0.056)	U (0.001)	U (0.00061)	U (0.078)	U (0.0012)	U (0.00072)	U (0.031)	
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.00092)	U (0.001)	U (0.0026)	U (0.0013)	U (0.06)	U (0.11)	U (0.0021)	U (0.0012)	U (0.16)	U (0.0024)	U (0.0014)	U (0.063)	
Ethyl Benzene	880	70	0.0087 (0.0013)	U (0.00092)	0.00034 J (0.001)	0.0014 J (0.0026)	U (0.0013)	0.078 (0.06)	0.3 (0.11)	U (0.0021)	U (0.0012)	0.12 J (0.16)	U (0.0024)	0.28 (0.075)	0.022 J (0.063)	
Methyl tert-butyl ether	8500	2	U (0.0025)	U (0.0018)	U (0.002)	U (0.0052)	U (0.0025)	U (0.12)	U (0.22)	U (0.0042)	U (0.0024)	U (0.31)	U (0.0048)	U (0.0029)	U (0.12)	
Toluene	10000	100	0.014 (0.0013)	U (0.00092)	U (0.001)	U (0.0026)	U (0.0013)	U (0.06)	0.07 J (0.11)	0.005 (0.0021)	U (0.0012)	0.29 (0.16)	U (0.0024)	1 (0.075)	U (0.063)	
1,2,4-Trimethylbenzene	4700	300	0.096 (0.0025)	U (0.0018)	U (0.002)	0.0046 J (0.0052)	0.00043 J (0.0025)	0.039 J (0.12)	0.14 J (0.22)	0.036 (0.0042)	U (0.0024)	14 (0.31)	U (0.0048)	1.2 (0.15)	0.057 J (0.12)	
1,3,5-Trimethylbenzene	4700	93	0.041 (0.0025)	U (0.0018)	0.00023 J (0.002)	0.00095 J (0.0052)	U (0.0025)	0.012 J (0.12)	0.05 J (0.22)	0.018 (0.0042)	U (0.0024)	3.4 (0.31)	U (0.0048)	0.48 (0.15)	U (0.12)	
Xylenes (total)	7900	1000	0.086 J (0.0025)	U (0.0018)	0.00143 J (0.002)	0.0073 J (0.0052)	U (0.0025)	0.075 J (0.12)	0.35 J (0.22)	0.0197 J (0.0042)	U (0.0024)	2.07 J (0.31)	U (0.0048)	2.45 J (0.15)	0.156 J (0.12)	
PAHs																
Anthracene	190000	350	3.4 (0.22)	U (0.008)	0.91 (0.079)	0.09 J (0.17)	0.86 (0.29)	5.4 (0.41)	0.32 (0.038)	U (0.11)	4.7 (0.43)	1.4 (0.16)	0.052 (0.04)	4.9 (0.85)	12 (1.6)	
Benzo(a)anthracene	130	340	4.8 (0.22)	0.0018 J (0.008)	3.6 (0.079)	0.16 J (0.17)	1.7 (0.29)	10 (0.41)	0.48 (0.038)	6.7 (0.11)	15 (0.43)	1 (0.16)	0.16 (0.04)	23 (0.85)	2.3 (1.6)	
Benzo(a)pyrene	91	46	5.1 (0.22)	0.0012 J (0.008)	3 (0.079)	0.089 J (0.17)	1 (0.29)	13 (0.41)	U (0.038)	6.8 (0.11)	14 (0.43)	0.74 (0.16)	0.14 (0.04)	27 (0.85)	1.7 (1.6)	
Benzo(b)fluoranthene	76	170	2.2 (0.22)	0.0012 J (0.008)	3.7 (0.079)	0.091 J (0.17)	0.96 (0.29)	13 (0.41)	U (0.038)	3.8 (0.11)	17 (0.43)	0.81 (0.16)	0.1 (0.04)	31 (0.85)	1.5 J (1.6)	
Benzo(g,h,i)perylene	190000	180	2.7 (0.22)	0.00076 J (0.008)	1.4 (0.079)	0.071 J (0.17)	0.58 (0.29)	7.1 (0.41)	U (0.038)	5 (0.11)	9.5 (0.43)	0.59 (0.16)	0.17 (0.04)	17 (0.85)	1.3 J (1.6)	
Chrysene	760	230	6.8 (0.22)	0.0015 J (0.008)	2.9 (0.079)	0.22 (0.17)	2.4 (0.29)	11 (0.41)	1.5 (0.038)	8.2 (0.11)	13 (0.43)	2.2 (0.16)	0.2 (0.04)	23 (0.85)	1.9 (1.6)	
Fluorene	130000	3800	13 (0.22)	U (0.008)	0.69 (0.079)	0.13 J (0.17)	0.86 (0.29)	5.2 (0.41)	0.79 (0.038)	U (0.11)	1.4 (0.43)	5.6 (0.16)	U (0.04)	3.8 (0.85)	37 (1.6)	
Naphthalene	66	25	0.75 (0.22)	U (0.008)	0.46 (0.079)	0.056 J (0.17)	0.16 J (0.29)	4.4 (0.41)	U (0.038)	U (0.11)	0.89 (0.43)	2.8 (0.16)	0.036 J (0.04)	10 (0.85)	1.7 (1.6)	
Phenanthrene	190000	10000	8.6 (0.22)	0.0018 J (0.008)	2.2 (0.079)	0.57 (0.17)	0.87 (0.29)	23 (0.41)	2.4 (0.038)	U (0.11)	14 (0.43)	9.8 (0.16)	0.48 (0.04)	16 (0.85)	110 (1.6)	
Pyrene	96000	2200	7.3 (0.22)	0.0031 J (0.008)	4.7 (0.079)	0.33 (0.17)	3.4 (0.29)	17 (0.41)	0.77 (0.038)	7.3 (0.11)	21 (0.43)	2.8 (0.16)	0.59 (0.04)	41 (0.85)	4.5 (1.6)	
Metals																
Lead	1000	450	107 (2.54)	8.41 (2.4)	18.2 (2.35)	5.46 (2.54)	60.1 (3.46)	35.6 (2.44)	116 (2.27)	17.2 (2.36)	57.1 (2.6)	57.7 (2.46)	47.8 (2.37)	132 (2.59)	52.3 (2.33)	

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 7
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	104-L07-U-d	104-L08-U-b	104-L09-U-a	104-L10-U-c	104-L11-U-d	104-L12-U-b	104-L16-U-c	104-M05-U-b	104-M06-U-c	104-M07-U-a	104-M09-U-d	104-N21-U-a	104-O22-U-b
Field Sample ID	Direct Contact Numeric	Groundwater Numeric	104-L07-U	104-L08-U	104-L09-U	104-L10-U	104-L11-U	104-L12-U	104-L16-U	104-M05-U	104-M06-U	104-M07-U	104-M09-U	104-N21-U	104-O22-U
Sampled Zone (ft bgs)	Value (0-2 ft bgs)	Value	9.62 - 11.6	9.49 - 11.5	2.57 - 4.57	2.85 - 4.85	3.2 - 5.2	2.63 - 4.63	2.14 - 4.14	2.59 - 4.59	3.06 - 5.06	9.62 - 11.6	3.2 - 5.2	4.14 - 6.14	4.14 - 6.14
Sample Date	(mg/kg)	(mg/kg)	3/5/2021	3/8/2021	3/4/2021	3/3/2021	3/5/2021	3/3/2021	3/9/2021	3/5/2021	3/5/2021	3/5/2021	3/3/2021	3/9/2021	3/9/2021
VOC															
Benzene	280	0.5	0.024 J (0.052)	0.00043 J (0.00064)	U (0.0005)	U (0.00086)	0.0004 J (0.00056)	0.86 (0.027)	0.0074 (0.00062)	10 (0.045)	U (0.00053)	0.00017 J (0.00051)	0.00099 (0.00059)	U (0.028)	0.00042 J (0.00066)
Cumene	10000	2500	0.15 (0.1)	U (0.0013)	0.00036 J (0.001)	0.0019 (0.0017)	0.0044 (0.0011)	0.12 (0.054)	0.13 (0.0012)	0.055 J (0.091)	0.0031 (0.0011)	0.012 (0.001)	0.002 (0.0012)	1.9 (0.056)	U (0.0013)
1,2-Dibromoethane	3.7	0.005	U (0.052)	U (0.00064)	U (0.0005)	0.0022 (0.00086)	U (0.00056)	U (0.027)	U (0.00062)	U (0.045)	U (0.00053)	U (0.00051)	U (0.00059)	U (0.028)	U (0.00066)
1,2-Dichloroethane	85	0.5	U (0.1)	U (0.0013)	U (0.001)	U (0.0017)	U (0.0011)	U (0.054)	U (0.0012)	U (0.091)	U (0.0011)	U (0.001)	U (0.0012)	U (0.056)	U (0.0013)
Ethyl Benzene	880	70	0.14 (0.1)	U (0.0013)	0.00042 J (0.001)	0.0018 (0.0017)	0.00085 J (0.0011)	0.083 (0.054)	0.024 (0.0012)	0.031 J (0.091)	0.00026 J (0.0011)	0.0028 (0.001)	0.00052 J (0.0012)	U (0.056)	0.00019 J (0.0013)
Methyl tert-butyl ether	8500	2	U (0.21)	U (0.0026)	U (0.002)	U (0.0034)	U (0.0022)	U (0.11)	U (0.0025)	U (0.18)	U (0.0021)	U (0.002)	U (0.0024)	U (0.11)	U (0.0026)
Toluene	10000	100	U (0.1)	U (0.0013)	U (0.001)	0.00096 J (0.0017)	U (0.0011)	0.47 (0.054)	0.0061 (0.0012)	U (0.091)	U (0.0011)	0.0025 (0.001)	U (0.0012)	U (0.056)	U (0.0013)
1,2,4-Trimethylbenzene	4700	300	0.12 J (0.21)	U (0.0026)	0.00062 J (0.002)	U (0.0034)	0.0034 (0.0022)	0.098 J (0.11)	0.011 (0.0025)	0.11 J (0.18)	0.0006 J (0.0021)	0.0024 (0.002)	0.00072 J (0.0024)	0.039 J (0.11)	U (0.0026)
1,3,5-Trimethylbenzene	4700	93	0.024 J (0.21)	U (0.0026)	0.0002 J (0.002)	0.0016 J (0.0034)	0.0024 (0.0022)	0.039 J (0.11)	0.0017 J (0.0025)	0.059 J (0.18)	0.00041 J (0.0021)	0.00076 J (0.002)	0.00044 J (0.0024)	U (0.11)	U (0.0026)
Xylenes (total)	7900	1000	0.471 J (0.21)	U (0.0026)	0.00194 J (0.002)	0.0052 J (0.0034)	0.0062 J (0.0022)	0.35 J (0.11)	0.0317 J (0.0025)	0.127 J (0.18)	0.0023 J (0.0021)	0.00239 J (0.002)	0.0023 J (0.0024)	0.128 J (0.11)	0.00187 J (0.0026)
PAHs															
Anthracene	190000	350	1.3 (0.1)	0.12 (0.073)	0.3 (0.038)	0.55 (0.037)	4.5 (0.19)	1.4 (0.15)	0.62 (0.037)	0.027 J (0.04)	1.6 (0.16)	0.46 (0.039)	2.3 (0.14)	0.034 (0.0088)	0.0091 J (0.032)
Benzo(a)anthracene	130	340	5.8 (0.1)	0.41 (0.073)	1.9 (0.038)	1.6 (0.037)	7.6 (0.19)	5.1 (0.15)	1.7 (0.037)	0.062 (0.04)	7.5 (0.16)	0.98 (0.039)	1.9 (0.14)	0.036 (0.0088)	0.044 (0.032)
Benzo(a)pyrene	91	46	7.7 (0.1)	0.39 (0.073)	2.3 (0.038)	2.1 (0.037)	4.6 (0.19)	5.8 (0.15)	1.4 (0.037)	0.13 (0.04)	5.8 (0.16)	0.91 (0.039)	1.1 (0.14)	0.011 (0.0088)	0.032 (0.032)
Benzo(b)fluoranthene	76	170	7.6 (0.1)	0.43 (0.073)	1.8 (0.038)	2.2 (0.037)	5.5 (0.19)	6 (0.15)	1.9 (0.037)	0.15 (0.04)	6.8 (0.16)	0.99 (0.039)	1.4 (0.14)	0.016 (0.0088)	0.043 (0.032)
Benzo(g,h,i)perylene	190000	180	5.4 (0.1)	0.37 (0.073)	1.3 (0.038)	1.5 (0.037)	2 (0.19)	4 (0.15)	0.94 (0.037)	0.15 (0.04)	3.4 (0.16)	0.46 (0.039)	0.62 (0.14)	0.0054 J (0.0088)	U (0.032)
Chrysene	760	230	4.7 (0.1)	0.52 (0.073)	2.5 (0.038)	1.5 (0.037)	4.4 (0.19)	5.7 (0.15)	1.5 (0.037)	0.063 (0.04)	5 (0.16)	1 (0.039)	1.5 (0.14)	0.083 (0.0088)	0.37 (0.032)
Fluorene	130000	3800	0.35 (0.1)	0.09 (0.073)	0.17 (0.038)	0.43 (0.037)	4.4 (0.19)	1.2 (0.15)	0.64 (0.037)	0.011 J (0.04)	0.64 (0.16)	0.23 (0.039)	0.15 (0.14)	0.094 (0.0088)	0.014 J (0.032)
Naphthalene	66	25	0.83 (0.1)	0.13 (0.073)	0.098 (0.038)	1.3 (0.037)	1.4 (0.19)	1.4 (0.15)	3.7 (0.037)	0.044 (0.04)	1.1 (0.16)	0.083 (0.039)	0.28 (0.14)	0.012 (0.0088)	0.0061 J (0.032)
Phenanthrene	190000	10000	1.7 (0.1)	0.37 (0.073)	1.1 (0.038)	0.84 (0.037)	9.1 (0.19)	3.6 (0.15)	2.8 (0.037)	0.048 (0.04)	5.8 (0.16)	0.29 (0.039)	0.5 (0.14)	0.32 (0.0088)	0.009 J (0.032)
Pyrene	96000	2200	6.1 (0.1)	0.66 (0.073)	2.8 (0.038)	1.5 (0.037)	8.6 (0.19)	8 (0.15)	2.4 (0.037)	0.091 (0.04)	9.8 (0.16)	1.7 (0.039)	7.7 (0.14)	0.054 (0.0088)	0.081 (0.032)
Metals															
Lead	1000	450	772 (2.94)	708 (2.21)	43.2 (2.26)	71.1 (2.2)	70.6 (2.16)	51.4 (2.21)	150 (2.18)	1130 (11.6)	89.4 (2.28)	55.8 (2.3)	3.12 (2.04)	8.93 (2.62)	7.84 (2.32)

- Notes:**
- Concentrations are presented in mg/kg.
 - Yellow shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
 - Blue shading indicates that the concentration exceeds the Non-Residential Soil to Groundwater Numeric Value.
 - Orange shading indicates that the concentration exceeds the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) and the Non-Residential Soil to Groundwater Numeric Value.
 - Underlining indicates that the concentration exceeds the Site-specific standard of 2,520 mg/kg for lead.
 - Sampled zone is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
 - A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit is provided in parentheses. A "J" flag indicates the reported concentration is less than the reporting limit and the reported value is estimated.

Abbreviations:
VOC -- Volatile Organic Compounds.
PAHs -- Polycyclic Aromatic Hydrocarbons.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.001 - 0.001	0.029	280	0.5
VOC	Benzene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.31) - 0.23	0.11	280	0.5
VOC	Benzene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.019 - 2.3	0.43	280	0.5
VOC	Benzene	401-MA3-1-11	Major Amendment 3 Resampling	18	0.00053 - 46	7.6	280	0.5
VOC	Benzene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.24) - 0.0088	0.023	280	0.5
VOC	Benzene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.005)	0.0012	280	0.5
VOC	Benzene	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.091)	0.015	280	0.5
VOC	Benzene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.00019 - 18	1.7	280	0.5
VOC	Benzene	401-MA3-1-16	Major Amendment 3 Resampling	1	0.31 - 0.31	0.31	280	0.5
VOC	Benzene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.016 - 0.39	0.11	280	0.5
VOC	Benzene	401-MA3-1-18	Major Amendment 3 Resampling	1	1.2 - 1.2	1.2	280	0.5
VOC	Benzene	401-MA3-1-21	Major Amendment 3 Resampling	8	U (1.5) - 180	26	280	0.5
VOC	Benzene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	280	0.5
VOC	Benzene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.038)	0.011	280	0.5
VOC	Benzene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.12 - 0.17	0.15	280	0.5
VOC	Benzene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	280	0.5
VOC	Benzene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.00085)	0.00043	280	0.5
VOC	Benzene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.091) - 0.006	0.011	280	0.5
VOC	Benzene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	280	0.5
VOC	Benzene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 10.8	2.1	280	0.5
VOC	Benzene	401-MA3-1-54	Major Amendment 3 Resampling	3	0.33 - 0.33	0.21	280	0.5
VOC	Benzene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.13 - 0.34	0.19	280	0.5
VOC	Benzene	401-MA3-1-56	Major Amendment 3 Resampling	2	U (0.24) - 0.013	0.067	280	0.5
VOC	Benzene	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	280	0.5
VOC	Benzene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	280	0.5
VOC	Benzene	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32) - 0.85	0.25	280	0.5
VOC	Benzene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.31) - 0.59	0.050	280	0.5
VOC	Benzene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	280	0.5
VOC	Benzene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	280	0.5
VOC	Benzene	401-MA3-1-72	Major Amendment 3 Resampling	9	U (0.6) - 0.197	0.049	280	0.5
VOC	Benzene	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 0.15	0.012	280	0.5
VOC	Benzene	403-MA3-1-01	Major Amendment 3 Resampling	13	U (0.034)	0.0042	280	0.5
VOC	Benzene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.00058)	0.00029	280	0.5
VOC	Benzene	403-MA3-1-04	Major Amendment 3 Resampling	5	U (0.00058)	0.00026	280	0.5
VOC	Benzene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.03)	0.0046	280	0.5
VOC	Benzene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.00061)	0.00026	280	0.5
VOC	Benzene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.00033 - 0.3	0.075	280	0.5
VOC	Benzene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.03)	0.0039	280	0.5
VOC	Benzene	404-MA3-1-01	Major Amendment 3 Resampling	24	0.00015 - 0.36	0.031	280	0.5
VOC	Benzene	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.36) - 0.006	0.032	280	0.5
VOC	Benzene	404-MA3-1-03	Major Amendment 3 Resampling	4	U (0.23)	0.049	280	0.5
VOC	Benzene	404-MA3-1-05	Major Amendment 3 Resampling	118	U (34) - 984	31	280	0.5
VOC	Benzene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.24)	0.022	280	0.5
VOC	Benzene	401-A01	Major Amendment 3	4	0.001 - 0.001	0.029	280	0.5
VOC	Benzene	401-E02	Major Amendment 3	44	U (0.33) - 46	3.3	280	0.5
VOC	Benzene	401-F01	Major Amendment 3	8	U (0.24) - 0.0088	0.023	280	0.5
VOC	Benzene	401-G01	Major Amendment 3	3	U (0.005)	0.0012	280	0.5
VOC	Benzene	401-H01	Major Amendment 3	3	U (0.091)	0.015	280	0.5
VOC	Benzene	401-H02	Major Amendment 3	19	0.00019 - 18	1.0	280	0.5
VOC	Benzene	401-I01	Major Amendment 3	1	1.2 - 1.2	1.2	280	0.5
VOC	Benzene	401-J01	Major Amendment 3	8	U (1.5) - 180	26	280	0.5
VOC	Benzene	401-K01	Major Amendment 3	5	U (0.46)	0.091	280	0.5
VOC	Benzene	401-L01	Major Amendment 3	2	U (0.038)	0.011	280	0.5
VOC	Benzene	401-L02	Major Amendment 3	6	0.12 - 0.17	0.076	280	0.5
VOC	Benzene	401-N01	Major Amendment 3	2	U (0.24)	0.12	280	0.5
VOC	Benzene	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	280	0.5
VOC	Benzene	401-P01	Major Amendment 3	5	U (0.091) - 0.006	0.011	280	0.5
VOC	Benzene	401-Q01	Major Amendment 3	33	0.0008 - 1.88	0.25	280	0.5
VOC	Benzene	401-R01	Major Amendment 3	9	U (0.6) - 0.197	0.049	280	0.5
VOC	Benzene	402-A01	Major Amendment 3	50	U (0.25) - 0.53	0.050	280	0.5
VOC	Benzene	402-B01	Major Amendment 3	142	U (4.4) - 790	11	280	0.5
VOC	Benzene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	280	0.5
VOC	Benzene	403-A01	Major Amendment 3	2	U (0.00124)	0.00060	280	0.5
VOC	Benzene	403-B01	Major Amendment 3	13	U (0.034)	0.0042	280	0.5
VOC	Benzene	403-C01	Major Amendment 3	8	U (0.11) - 20	2.5	280	0.5
VOC	Benzene	403-C02	Major Amendment 3	5	U (0.00058)	0.00026	280	0.5
VOC	Benzene	403-D01	Major Amendment 3	13	U (0.03)	0.0046	280	0.5
VOC	Benzene	403-E01	Major Amendment 3	4	U (0.03)	0.0039	280	0.5
VOC	Benzene	403-F01	Major Amendment 3	7	U (0.23) - 0.75	0.11	280	0.5
VOC	Benzene	403-G01	Major Amendment 3	2	U (0.004)	0.0012	280	0.5
VOC	Benzene	404-A01	Major Amendment 3	19	U (0.008) - 0.007	0.0014	280	0.5
VOC	Benzene	404-B01	Major Amendment 3	26	0.002 - 0.006	0.0065	280	0.5
VOC	Benzene	404-B02	Major Amendment 3	11	U (0.24)	0.012	280	0.5
VOC	Benzene	404-C01	Major Amendment 3	3	0.228 - 0.52	0.36	280	0.5
VOC	Benzene	404-D01	Major Amendment 3	6	0.00034 - 0.21	0.065	280	0.5
VOC	Benzene	404-E01	Major Amendment 3	30	U (0.37) - 2.8	0.41	280	0.5
VOC	Benzene	404-F01	Major Amendment 3	22	0.00022 - 5.3	1.5	280	0.5
VOC	Benzene	201-A01	Phase 1A	7	0.0025 - 56.8	10	280	0.5
VOC	Benzene	201-A02	Phase 1A	14	0.011 - 140	15	280	0.5
VOC	Benzene	201-A03	Phase 1A	7	0.00049 - 200	52	280	0.5
VOC	Benzene	201-A04	Phase 1A	32	0.00031 - 340	42	280	0.5

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	201-A05	Phase 1A	9	5.2 - 29	8.8	280	0.5
VOC	Benzene	201-A06	Phase 1A	10	0.00018 - 1.4	0.37	280	0.5
VOC	Benzene	201-A07	Phase 1A	12	0.1 - 130	32	280	0.5
VOC	Benzene	201-A08	Phase 1A	7	0.00029 - 23	4.6	280	0.5
VOC	Benzene	201-A09	Phase 1A	8	0.37 - 76	24	280	0.5
VOC	Benzene	201-A10	Phase 1A	8	U (0.047) - 0.8	0.11	280	0.5
VOC	Benzene	201-A11	Phase 1A	8	0.00018 - 11	1.5	280	0.5
VOC	Benzene	201-A12	Phase 1A	16	0.00054 - 7.2	0.74	280	0.5
VOC	Benzene	201-A13	Phase 1A	19	0.0002 - 73	11	280	0.5
VOC	Benzene	201-A14	Phase 1A	21	U (0.27) - 1.4	0.19	280	0.5
VOC	Benzene	201-A15	Phase 1A	8	U (0.21) - 0.1	0.052	280	0.5
VOC	Benzene	201-B01	Phase 1A	4	0.032 - 2.6	0.84	280	0.5
VOC	Benzene	201-B02	Phase 1A	10	0.00074 - 35	7.9	280	0.5
VOC	Benzene	201-B03	Phase 1A	1	0.1 - 0.1	0.10	280	0.5
VOC	Benzene	201-B04	Phase 1A	11	0.0014 - 1.1	0.17	280	0.5
VOC	Benzene	201-B05	Phase 1A	3	0.021 - 0.32	0.14	280	0.5
VOC	Benzene	201-B06	Phase 1A	1	U (0.064)	0.032	280	0.5
VOC	Benzene	201-B07	Phase 1A	21	U (0.29) - 0.047	0.039	280	0.5
VOC	Benzene	201-B08	Phase 1A	10	U (0.036) - 0.14	0.029	280	0.5
VOC	Benzene	201-B09	Phase 1A	10	0.00019 - 1.7	0.20	280	0.5
VOC	Benzene	201-B10	Phase 1A	8	0.0049 - 0.014	0.058	280	0.5
VOC	Benzene	201-B11	Phase 1A	33	U (0.11) - 5	0.28	280	0.5
VOC	Benzene	201-B12	Phase 1A	18	0.00033 - 0.78	0.096	280	0.5
VOC	Benzene	201-C01	Phase 1A	15	0.00018 - 4.1	0.74	280	0.5
VOC	Benzene	201-C02	Phase 1A	2	0.0007 - 0.023	0.012	280	0.5
VOC	Benzene	201-C04	Phase 1A	14	0.0065 - 2.1	0.29	280	0.5
VOC	Benzene	201-C05	Phase 1A	3	0.054 - 0.054	0.14	280	0.5
VOC	Benzene	201-C06	Phase 1A	14	U (0.065) - 1.4	0.33	280	0.5
VOC	Benzene	201-C07	Phase 1A	11	U (0.64) - 1.4	0.40	280	0.5
VOC	Benzene	201-C08	Phase 1A	20	0.00028 - 0.96	0.15	280	0.5
VOC	Benzene	201-C09	Phase 1A	7	U (0.023)	0.0019	280	0.5
VOC	Benzene	201-C10	Phase 1A	4	U (0.225) - 0.323	0.082	280	0.5
VOC	Benzene	201-C11	Phase 1A	1	0.197 - 0.197	0.20	280	0.5
VOC	Benzene	201-D01	Phase 1A	4	U (0.0061)	0.0023	280	0.5
VOC	Benzene	201-D05	Phase 1A	8	0.00028 - 5.8	1.2	280	0.5
VOC	Benzene	201-D08	Phase 1A	1	U (0.00057)	0.00029	280	0.5
VOC	Benzene	201-D12	Phase 1A	3	U (0.00057) - 0.0005	0.00041	280	0.5
VOC	Benzene	201-E01	Phase 1A	74	U (5) - 230	5.1	280	0.5
VOC	Benzene	201-E02	Phase 1A	1	U (0.00051)	0.00026	280	0.5
VOC	Benzene	201-E03	Phase 1A	3	U (0.0045) - 0.0024	0.0021	280	0.5
VOC	Benzene	201-E04	Phase 1A	5	U (1) - 0.66	0.23	280	0.5
VOC	Benzene	201-E05	Phase 1A	28	0.0015 - 320	17	280	0.5
VOC	Benzene	201-F01	Phase 1A	51	U (0.35) - 0.93	0.048	280	0.5
VOC	Benzene	201-F02	Phase 1A	8	0.0031 - 1.8	0.26	280	0.5
VOC	Benzene	201-F03	Phase 1A	38	U (3.3) - 15	0.77	280	0.5
VOC	Benzene	201-F04	Phase 1A	24	U (0.37) - 1.1	0.11	280	0.5
VOC	Benzene	202-A03	Phase 1A	8	U (0.095) - 0.00032	0.0093	280	0.5
VOC	Benzene	202-A04	Phase 1A	4	0.053 - 0.053	0.13	280	0.5
VOC	Benzene	202-A05	Phase 1A	4	U (0.00055)	0.00027	280	0.5
VOC	Benzene	202-A06	Phase 1A	4	0.00037 - 0.00037	0.00027	280	0.5
VOC	Benzene	202-A07	Phase 1A	3	U (0.00057)	0.00026	280	0.5
VOC	Benzene	202-A08	Phase 1A	3	0.00026 - 0.0003	0.00029	280	0.5
VOC	Benzene	202-A09	Phase 1A	6	U (0.00056) - 0.00041	0.00028	280	0.5
VOC	Benzene	202-B01	Phase 1A	2	U (0.0012) - 0.0094	0.0049	280	0.5
VOC	Benzene	202-B02	Phase 1A	18	U (0.31) - 0.17	0.060	280	0.5
VOC	Benzene	202-B03	Phase 1A	15	U (0.052)	0.0037	280	0.5
VOC	Benzene	202-B04	Phase 1A	3	U (0.00053)	0.00024	280	0.5
VOC	Benzene	202-B05	Phase 1A	4	U (0.028)	0.013	280	0.5
VOC	Benzene	202-B09	Phase 1A	9	U (0.032) - 0.00045	0.0020	280	0.5
VOC	Benzene	202-C04	Phase 1A	15	U (0.31) - 0.0046	0.028	280	0.5
VOC	Benzene	202-C05	Phase 1A	20	U (0.33) - 2.9	0.29	280	0.5
VOC	Benzene	202-C06	Phase 1A	4	U (0.027) - 0.011	0.0063	280	0.5
VOC	Benzene	202-C07	Phase 1A	8	U (0.32) - 0.018	0.049	280	0.5
VOC	Benzene	202-C08	Phase 1A	4	0.14 - 0.42	0.20	280	0.5
VOC	Benzene	202-C10	Phase 1A	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	202-D05	Phase 1A	5	U (0.26) - 36	7.2	280	0.5
VOC	Benzene	202-D06	Phase 1A	11	U (0.029) - 8	1.2	280	0.5
VOC	Benzene	202-E06	Phase 1A	2	0.0003 - 0.0003	0.00035	280	0.5
VOC	Benzene	202-E08	Phase 1A	13	0.00036 - 7.1	0.56	280	0.5
VOC	Benzene	202-E09	Phase 1A	16	U (0.095) - 2.6	0.30	280	0.5
VOC	Benzene	202-E10	Phase 1A	6	U (0.11) - 0.0003	0.019	280	0.5
VOC	Benzene	202-E11	Phase 1A	2	U (0.1) - 0.11	0.080	280	0.5
VOC	Benzene	202-E12	Phase 1A	4	U (0.092)	0.016	280	0.5
VOC	Benzene	202-E13	Phase 1A	2	0.11 - 0.16	0.14	280	0.5
VOC	Benzene	202-E15	Phase 1A	2	0.065 - 0.19	0.13	280	0.5
VOC	Benzene	202-F01	Phase 1A	7	0.13 - 20	3.0	280	0.5
VOC	Benzene	202-F04	Phase 1A	11	U (0.034) - 0.14	0.018	280	0.5
VOC	Benzene	202-F05	Phase 1A	2	U (0.03)	0.0076	280	0.5
VOC	Benzene	202-F06	Phase 1A	2	0.055 - 0.055	0.050	280	0.5
VOC	Benzene	202-F07	Phase 1A	17	0.00052 - 1.8	0.32	280	0.5
VOC	Benzene	202-F08	Phase 1A	5	U (0.028) - 0.001	0.0058	280	0.5
VOC	Benzene	202-F10	Phase 1A	2	U (0.027) - 0.01	0.0052	280	0.5
VOC	Benzene	202-F13	Phase 1A	1	0.0009 - 0.0009	0.00090	280	0.5

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	202-F14	Phase 1A	2	U (0.0011)	0.00050	280	0.5
VOC	Benzene	202-F16	Phase 1A	4	U (0.096)	0.017	280	0.5
VOC	Benzene	202-F17	Phase 1A	8	U (0.0011)	0.00035	280	0.5
VOC	Benzene	202-G01	Phase 1A	8	U (0.00058)	0.00025	280	0.5
VOC	Benzene	202-G02	Phase 1A	14	U (0.034)	0.0024	280	0.5
VOC	Benzene	202-G03	Phase 1A	9	U (0.00077)	0.00026	280	0.5
VOC	Benzene	202-G04	Phase 1A	3	U (0.031) - 2.6	0.89	280	0.5
VOC	Benzene	202-G05	Phase 1A	6	U (0.096) - 0.55	0.18	280	0.5
VOC	Benzene	202-G07	Phase 1A	16	U (0.038) - 0.00025	0.0015	280	0.5
VOC	Benzene	202-H01	Phase 1A	2	U (0.21) - 4.7	2.4	280	0.5
VOC	Benzene	202-H03	Phase 1A	11	0.003 - 22	3.4	280	0.5
VOC	Benzene	202-H05	Phase 1A	8	U (0.31) - 4.7	1.5	280	0.5
VOC	Benzene	202-H06	Phase 1A	2	U (0.0013)	0.00058	280	0.5
VOC	Benzene	202-H07	Phase 1A	2	U (0.0011)	0.00053	280	0.5
VOC	Benzene	202-H08	Phase 1A	3	U (0.00097)	0.00036	280	0.5
VOC	Benzene	202-H09	Phase 1A	4	U (0.0039)	0.00072	280	0.5
VOC	Benzene	202-H11	Phase 1A	10	U (0.036) - 0.068	0.0086	280	0.5
VOC	Benzene	202-I01	Phase 1A	2	U (0.00053)	0.00025	280	0.5
VOC	Benzene	202-I04	Phase 1A	4	U (0.00089)	0.00036	280	0.5
VOC	Benzene	202-J01	Phase 1A	6	U (0.03) - 0.013	0.0024	280	0.5
VOC	Benzene	202-J02	Phase 1A	5	U (0.031) - 0.098	0.020	280	0.5
VOC	Benzene	202-J03	Phase 1A	11	0.0027 - 2.1	0.55	280	0.5
VOC	Benzene	202-J04	Phase 1A	8	0.00031 - 4.6	1.5	280	0.5
VOC	Benzene	202-J05	Phase 1A	6	U (0.0021)	0.0010	280	0.5
VOC	Benzene	202-J07	Phase 1A	11	0.0003 - 8.2	1.2	280	0.5
VOC	Benzene	202-J08	Phase 1A	1	U (0.002)	0.0010	280	0.5
VOC	Benzene	202-J09	Phase 1A	2	0.14 - 0.14	0.30	280	0.5
VOC	Benzene	301-AA01	Phase 1A	1	0.0032 - 0.0032	0.0032	280	0.5
VOC	Benzene	301-AA02	Phase 1B	2	U (0.00051)	0.00025	280	0.5
VOC	Benzene	301-AA05	Phase 1B	11	U (0.1) - 0.052	0.014	280	0.5
VOC	Benzene	301-AA06	Phase 1A	11	U (0.17)	0.013	280	0.5
VOC	Benzene	301-AA07	Phase 1A	4	U (0.0012) - 0.116	0.029	280	0.5
VOC	Benzene	301-AA08	Phase 1A	3	U (0.28)	0.086	280	0.5
VOC	Benzene	301-AA09	Phase 1A	3	U (0.48)	0.17	280	0.5
VOC	Benzene	301-AB04	Phase 1A	3	U (0.09)	0.015	280	0.5
VOC	Benzene	301-AB05	Phase 1B	6	U (0.22) - 0.00065	0.019	280	0.5
VOC	Benzene	301-AB06	Phase 1A	2	U (0.00096)	0.00047	280	0.5
VOC	Benzene	301-AB07	Phase 1A	1	0.052 - 0.052	0.052	280	0.5
VOC	Benzene	301-AB09	Phase 1A	2	U (0.0059) - 0.0074	0.0049	280	0.5
VOC	Benzene	301-AC03	Phase 1B	2	U (0.005) - 0.024	0.012	280	0.5
VOC	Benzene	301-AC04	Phase 1A	25	U (0.39) - 2.4	0.14	280	0.5
VOC	Benzene	301-AC07	Phase 1A	10	0.00022 - 0.26	0.048	280	0.5
VOC	Benzene	301-AC08	Phase 1A	7	0.0005 - 0.56	0.088	280	0.5
VOC	Benzene	301-AC09	Phase 1A	6	U (0.001) - 0.002	0.00054	280	0.5
VOC	Benzene	301-B01	Phase 1A	1	0.0012 - 0.0012	0.0012	280	0.5
VOC	Benzene	301-C01	Phase 1A	3	0.14 - 37	12	280	0.5
VOC	Benzene	301-C02	Phase 1A	9	0.016 - 6.6	0.92	280	0.5
VOC	Benzene	301-D01	Phase 1A	32	0.00072 - 69	10	280	0.5
VOC	Benzene	301-E02	Phase 1A	32	0.0015 - 74	8.1	280	0.5
VOC	Benzene	301-E03	Phase 1A	5	U (0.31) - 0.06	0.021	280	0.5
VOC	Benzene	301-F02	Phase 1A	8	U (0.52) - 18	2.9	280	0.5
VOC	Benzene	301-G01	Phase 1A	2	U (0.24) - 1.8	0.91	280	0.5
VOC	Benzene	301-G02	Phase 1A	3	0.014 - 0.51	0.24	280	0.5
VOC	Benzene	301-G03	Phase 1A	1	1.1 - 1.1	1.1	280	0.5
VOC	Benzene	301-H01	Phase 1A	20	0.0004 - 46	6.4	280	0.5
VOC	Benzene	301-H02	Phase 1A	4	0.003 - 0.055	0.018	280	0.5
VOC	Benzene	301-H03	Phase 1A	2	0.047 - 3.6	1.8	280	0.5
VOC	Benzene	301-I01	Phase 1A	9	U (0.27) - 18	2.0	280	0.5
VOC	Benzene	301-I02	Phase 1A	1	U (0.032)	0.016	280	0.5
VOC	Benzene	301-J01	Phase 1A	4	0.004 - 0.31	0.091	280	0.5
VOC	Benzene	301-J02	Phase 1A	8	U (0.15) - 2.5	0.81	280	0.5
VOC	Benzene	301-K01	Phase 1A	9	0.016 - 0.39	0.095	280	0.5
VOC	Benzene	301-K02	Phase 1A	3	0.54 - 0.89	0.71	280	0.5
VOC	Benzene	301-L01	Phase 1C	7	U (0.32) - 0.34	0.11	280	0.5
VOC	Benzene	301-L02	Phase 1A	8	0.0011 - 180	25	280	0.5
VOC	Benzene	301-L03	Phase 1A	5	U (0.065) - 0.43	0.10	280	0.5
VOC	Benzene	301-M02	Phase 1A	5	U (0.055) - 0.59	0.13	280	0.5
VOC	Benzene	301-M03	Phase 1A	3	U (0.056) - 0.12	0.050	280	0.5
VOC	Benzene	301-N02	Phase 1A	3	U (0.22) - 0.22	0.12	280	0.5
VOC	Benzene	301-P02	Phase 1A	2	5.14 - 11.7	8.4	280	0.5
VOC	Benzene	301-Q04	Phase 1A	6	0.00046 - 0.023	0.026	280	0.5
VOC	Benzene	301-R02	Phase 1A	6	U (0.26)	0.024	280	0.5
VOC	Benzene	301-S02	Phase 1A	4	U (0.0054)	0.0025	280	0.5
VOC	Benzene	301-S03	Phase 1A	1	0.25 - 0.25	0.25	280	0.5
VOC	Benzene	301-T01	Phase 1B	5	0.19 - 1.32	0.36	280	0.5
VOC	Benzene	301-T02	Phase 1B	7	0.053 - 0.197	0.063	280	0.5
VOC	Benzene	301-T03	Phase 1C	2	U (0.0072)	0.0032	280	0.5
VOC	Benzene	301-T04	Phase 1A	2	U (0.3)	0.076	280	0.5
VOC	Benzene	301-U01	Phase 1B	2	0.0177 - 0.16	0.089	280	0.5
VOC	Benzene	301-U03	Phase 1B	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	301-V01	Phase 1B	7	0.0421 - 4.29	0.66	280	0.5
VOC	Benzene	301-V02	Phase 1B	20	U (0.4) - 0.00031	0.022	280	0.5
VOC	Benzene	301-V04	Phase 1A	30	U (1.3) - 2.6	0.15	280	0.5

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	301-W01	Phase 1B	24	U (0.28) - 0.248	0.021	280	0.5
VOC	Benzene	301-W03	Phase 1A	4	U (0.27)	0.098	280	0.5
VOC	Benzene	301-X01	Phase 1B	11	U (0.4) - 0.27	0.034	280	0.5
VOC	Benzene	301-X03	Phase 1A	3	U (0.25)	0.079	280	0.5
VOC	Benzene	301-Y01	Phase 1B	10	U (0.051) - 0.395	0.043	280	0.5
VOC	Benzene	301-Y02	Phase 1B	4	U (0.014) - 0.023	0.010	280	0.5
VOC	Benzene	301-Y03	Phase 1A	2	0.0033 - 7.15	3.6	280	0.5
VOC	Benzene	301-Y04	Phase 1A	3	U (0.28)	0.092	280	0.5
VOC	Benzene	301-Y05	Phase 1A	6	U (1.2) - 0.042	0.14	280	0.5
VOC	Benzene	301-Z01	Phase 1B	6	U (0.00057)	0.00025	280	0.5
VOC	Benzene	301-Z02	Phase 1B	2	U (0.005)	0.0013	280	0.5
VOC	Benzene	301-Z03	Phase 1B	5	U (0.21) - 0.0309	0.027	280	0.5
VOC	Benzene	301-Z04	Phase 1A	14	0.017 - 0.3	0.11	280	0.5
VOC	Benzene	302-AD02	Phase 1C	2	U (0.004)	0.0011	280	0.5
VOC	Benzene	302-AD06	Phase 1B	12	U (0.1) - 0.017	0.0058	280	0.5
VOC	Benzene	302-AD07	Phase 1B	2	U (0.00064)	0.00027	280	0.5
VOC	Benzene	302-AD08	Phase 1A	2	U (0.0006)	0.00029	280	0.5
VOC	Benzene	302-AD09	Phase 1A	3	U (0.0011) - 0.00041	0.00047	280	0.5
VOC	Benzene	302-AD10	Phase 1A	4	0.0002 - 8.5	3.4	280	0.5
VOC	Benzene	302-AE01	Phase 1C	1	U (0.006)	0.0030	280	0.5
VOC	Benzene	302-AE02	Phase 1C	2	0.003 - 0.009	0.0060	280	0.5
VOC	Benzene	302-AE03	Phase 1B	4	U (0.026) - 0.15	0.053	280	0.5
VOC	Benzene	302-AE04	Phase 1B	8	0.0026 - 0.024	0.0057	280	0.5
VOC	Benzene	302-AE05	Phase 1B	20	0.0002 - 0.023	0.0022	280	0.5
VOC	Benzene	302-AE07	Phase 1B	3	U (0.095) - 0.00054	0.016	280	0.5
VOC	Benzene	302-AE08	Phase 1B	3	U (0.00052) - 0.00058	0.00036	280	0.5
VOC	Benzene	302-AE09	Phase 1A	4	U (0.00047)	0.00023	280	0.5
VOC	Benzene	302-AF01	Phase 1C	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	302-AF02	Phase 1C	4	U (0.007)	0.0028	280	0.5
VOC	Benzene	302-AF03	Phase 1B	2	0.27 - 0.27	0.44	280	0.5
VOC	Benzene	302-AF04	Phase 1B	22	U (0.061) - 0.081	0.014	280	0.5
VOC	Benzene	302-AF05	Phase 1B	2	U (0.025)	0.0065	280	0.5
VOC	Benzene	302-AF06	Phase 1A	9	U (0.15) - 4.4	0.49	280	0.5
VOC	Benzene	302-AF09	Phase 1B	5	U (0.1) - 4.4	0.88	280	0.5
VOC	Benzene	302-AG02	Phase 1C	2	U (1.7)	0.43	280	0.5
VOC	Benzene	302-AG04	Phase 1B	9	U (0.069)	0.013	280	0.5
VOC	Benzene	302-AG06	Phase 1B	5	0.00135 - 0.241	0.086	280	0.5
VOC	Benzene	302-AG07	Phase 1A	14	U (0.029) - 0.0067	0.0074	280	0.5
VOC	Benzene	302-AG08	Phase 1B	6	0.031 - 2.4	0.49	280	0.5
VOC	Benzene	302-AH01	Phase 1C	2	U (0.005)	0.0015	280	0.5
VOC	Benzene	302-AH03	Phase 1C	2	U (0.032)	0.016	280	0.5
VOC	Benzene	302-AH04	Phase 1B	8	U (0.034)	0.016	280	0.5
VOC	Benzene	302-AH05	Phase 1B	11	0.0023 - 0.31	0.059	280	0.5
VOC	Benzene	302-AH06	Phase 1B	4	U (0.0013) - 0.00122	0.00079	280	0.5
VOC	Benzene	302-AH07	Phase 1B	21	U (0.031) - 0.082	0.011	280	0.5
VOC	Benzene	302-AH08	Phase 1B	13	U (0.03) - 0.067	0.020	280	0.5
VOC	Benzene	302-AI01	Phase 1C	2	0.0024 - 0.0024	0.0013	280	0.5
VOC	Benzene	302-AI03	Phase 1C	1	0.22 - 0.22	0.22	280	0.5
VOC	Benzene	302-AI04	Phase 1C	2	U (0.03)	0.015	280	0.5
VOC	Benzene	302-AI05	Phase 1B	12	U (0.056) - 0.011	0.0060	280	0.5
VOC	Benzene	302-AI06	Phase 1B	19	U (0.05) - 0.0269	0.0037	280	0.5
VOC	Benzene	302-AI07	Phase 1B	10	U (0.25) - 0.0626	0.033	280	0.5
VOC	Benzene	302-AI08	Phase 1B	2	U (0.099)	0.026	280	0.5
VOC	Benzene	302-AI09	Phase 1B	3	0.00024 - 0.00024	0.00030	280	0.5
VOC	Benzene	302-AJ04	Phase 1C	1	U (0.025)	0.013	280	0.5
VOC	Benzene	302-AJ05	Phase 1B	2	U (0.00061)	0.00029	280	0.5
VOC	Benzene	302-AJ06	Phase 1B	5	U (0.00088) - 0.0016	0.00056	280	0.5
VOC	Benzene	302-AJ09	Phase 1A	13	0.027 - 0.34	0.12	280	0.5
VOC	Benzene	302-AK05	Phase 1B	5	U (0.029) - 0.00315	0.0090	280	0.5
VOC	Benzene	302-AK06	Phase 1A	3	U (0.27)	0.093	280	0.5
VOC	Benzene	302-AK07	Phase 1B	13	U (0.202) - 5	0.44	280	0.5
VOC	Benzene	302-AL01	Phase 1C	11	0.0119 - 1300	155	280	0.5
VOC	Benzene	302-AL03	Phase 1B	2	1.05 - 1.05	0.53	280	0.5
VOC	Benzene	302-AL05	Phase 1B	13	U (0.25) - 0.065	0.043	280	0.5
VOC	Benzene	302-AL06	Phase 1A	13	0.087 - 0.14	0.11	280	0.5
VOC	Benzene	302-AL08	Phase 1B	2	U (0.0009)	0.00038	280	0.5
VOC	Benzene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	280	0.5
VOC	Benzene	302-AN02	Phase 1A	2	U (0.0012) - 0.0023	0.0014	280	0.5
VOC	Benzene	302-AN03	Phase 1B	1	0.018 - 0.018	0.018	280	0.5
VOC	Benzene	302-AO02	Phase 1B	7	0.004 - 4.6	1.1	280	0.5
VOC	Benzene	302-AO03	Phase 1A	2	U (0.00127)	0.00060	280	0.5
VOC	Benzene	302-AO05	Phase 1B	1	0.03 - 0.03	0.030	280	0.5
VOC	Benzene	302-AP02	Phase 1B	2	U (0.00063) - 0.00043	0.00037	280	0.5
VOC	Benzene	302-AP03	Phase 1B	23	U (0.083) - 0.127	0.011	280	0.5
VOC	Benzene	302-AP04	Phase 1B	3	0.0114 - 0.042	0.018	280	0.5
VOC	Benzene	302-AP05	Phase 1B	2	U (0.00068)	0.00033	280	0.5
VOC	Benzene	302-AQ01	Phase 1B	2	U (0.006) - 0.027	0.015	280	0.5
VOC	Benzene	302-AQ02	Phase 1A	9	U (0.12) - 0.16	0.039	280	0.5
VOC	Benzene	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	280	0.5
VOC	Benzene	302-AR01	Phase 1B	2	U (0.006)	0.0028	280	0.5
VOC	Benzene	302-AR02	Phase 1A	4	U (0.00063)	0.00027	280	0.5
VOC	Benzene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	280	0.5
VOC	Benzene	302-AS03	Phase 1A	13	U (0.11)	0.0067	280	0.5

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	302-AS04	Phase 1B	2	U (0.00127) - 0.00973	0.0052	280	0.5
VOC	Benzene	302-AT01	Phase 1B	2	0.0055 - 0.0333	0.019	280	0.5
VOC	Benzene	302-AT02	Phase 1B	2	0.00056 - 0.157	0.079	280	0.5
VOC	Benzene	302-AT03	Phase 1B	4	U (0.11)	0.014	280	0.5
VOC	Benzene	302-AU01	Phase 1B	2	U (0.001)	0.00047	280	0.5
VOC	Benzene	302-AU02	Phase 1B	8	U (0.028) - 0.017	0.0041	280	0.5
VOC	Benzene	302-AU03	Phase 1B	2	U (0.00049)	0.00023	280	0.5
VOC	Benzene	302-AV01	Phase 1A	12	U (0.64) - 30	2.7	280	0.5
VOC	Benzene	302-AV02	Phase 1B	4	U (0.027) - 0.016	0.0042	280	0.5
VOC	Benzene	302-AV03	Phase 1A	6	U (0.028) - 0.0011	0.0027	280	0.5
VOC	Benzene	302-AV04	Phase 1B	2	U (0.00126)	0.00062	280	0.5
VOC	Benzene	302-AW01	Phase 1A	12	U (4.9) - 84	12	280	0.5
VOC	Benzene	302-AW02	Phase 1B	2	U (0.28) - 0.031	0.016	280	0.5
VOC	Benzene	302-AW03	Phase 1A	2	U (0.00048)	0.00023	280	0.5
VOC	Benzene	302-AX01	Phase 1A	14	U (1.1) - 60	5.0	280	0.5
VOC	Benzene	302-AX02	Phase 1B	3	U (0.11)	0.019	280	0.5
VOC	Benzene	302-AX05	Phase 1A	2	U (0.00125)	0.00060	280	0.5
VOC	Benzene	302-AY02	Phase 1B	19	0.008 - 28	2.4	280	0.5
VOC	Benzene	302-AY03	Phase 1B	2	U (0.0013)	0.00058	280	0.5
VOC	Benzene	302-AY05	Phase 1B	2	U (0.00124)	0.00060	280	0.5
VOC	Benzene	302-AZ02	Phase 1B	10	U (4.6) - 66	10	280	0.5
VOC	Benzene	302-AZ03	Phase 1B	1	0.034 - 0.034	0.034	280	0.5
VOC	Benzene	302-AZ05	Phase 1A	4	U (0.005)	0.00086	280	0.5
VOC	Benzene	302-BA03	Phase 1B	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	302-BA05	Phase 1A	2	0.00142 - 0.896	0.45	280	0.5
VOC	Benzene	302-BB06	Phase 1A	5	U (0.03)	0.0061	280	0.5
VOC	Benzene	302-BB07	Phase 1B	49	U (8) - 360	19	280	0.5
VOC	Benzene	302-BB08	Phase 1B	1	U (0.005)	0.0025	280	0.5
VOC	Benzene	302-BC05	Phase 1A	19	U (0.034) - 0.0237	0.0027	280	0.5
VOC	Benzene	302-BC06	Phase 1B	8	0.00058 - 100	13	280	0.5
VOC	Benzene	302-BD05	Phase 1A	4	U (0.00054)	0.00027	280	0.5
VOC	Benzene	302-BE04	Phase 1A	5	U (0.006)	0.0013	280	0.5
VOC	Benzene	303-AY01	Phase 1A	4	0.00037 - 0.0008	0.00053	280	0.5
VOC	Benzene	303-AZ01	Phase 1A	5	U (5.2) - 1.4	0.63	280	0.5
VOC	Benzene	303-BA01	Phase 1A	8	0.00025 - 0.0047	0.0011	280	0.5
VOC	Benzene	303-BA02	Phase 1A	14	U (1.1) - 1.2	0.25	280	0.5
VOC	Benzene	303-BB01	Phase 1A	2	U (0.005)	0.0023	280	0.5
VOC	Benzene	303-BB02	Phase 1A	5	U (0.64) - 0.079	0.016	280	0.5
VOC	Benzene	303-BC01	Phase 1A	4	U (0.00055)	0.00026	280	0.5
VOC	Benzene	303-BD04	Phase 1A	13	U (1.5) - 8.6	1.1	280	0.5
VOC	Benzene	303-BE03	Phase 1A	48	0.029 - 3.3	0.44	280	0.5
VOC	Benzene	303-BF05	Phase 1A	20	0.00017 - 5.2	0.44	280	0.5
VOC	Benzene	303-BG04	Phase 1A	28	U (2.1) - 12	0.85	280	0.5
VOC	Benzene	303-BH02	Phase 1A	25	U (0.11) - 7.9	0.44	280	0.5
VOC	Benzene	303-BI03	Phase 1A	6	U (0.00093) - 0.0057	0.0013	280	0.5
VOC	Benzene	303-BJ01	Phase 1A	3	U (0.068) - 0.0004	0.016	280	0.5
VOC	Benzene	303-BJ02	Phase 1A	3	U (0.0013)	0.00051	280	0.5
VOC	Benzene	303-BK03	Phase 1A	7	U (0.38) - 0.11	0.049	280	0.5
VOC	Benzene	303-BL02	Phase 1A	13	0.00024 - 28	2.2	280	0.5
VOC	Benzene	303-BM02	Phase 1A	2	U (0.005)	0.0015	280	0.5
VOC	Benzene	303-BN02	Phase 1A	15	U (0.25) - 0.534	0.070	280	0.5
VOC	Benzene	303-BN03	Phase 1A	14	U (0.34) - 0.136	0.032	280	0.5
VOC	Benzene	303-BO02	Phase 1A	35	0.0035 - 5900	228	280	0.5
VOC	Benzene	303-BP02	Phase 1A	63	0.00076 - 7800	551	280	0.5
VOC	Benzene	303-BQ01	Phase 1A	4	U (0.42) - 0.002	0.069	280	0.5
VOC	Benzene	303-BQ02	Phase 1A	25	0.003 - 12000	844	280	0.5
VOC	Benzene	303-BR02	Phase 1A	8	0.00056 - 2.3	0.38	280	0.5
VOC	Benzene	303-BT01	Phase 1A	13	0.00007 - 0.071	0.12	280	0.5
VOC	Benzene	303-BW01	Phase 1A	2	0.121 - 0.121	0.15	280	0.5
VOC	Benzene	ParcelB-01	Innovation Campus, Parcel B	2	0.58 - 0.58	1.1	280	0.5
VOC	Benzene	ParcelB-02	Innovation Campus, Parcel B	6	U (0.491) - 0.0718	0.094	280	0.5
VOC	Benzene	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24) - 0.51	0.17	280	0.5
VOC	Benzene	ParcelB-04	Innovation Campus, Parcel B	3	U (0.44) - 0.0254	0.15	280	0.5
VOC	Benzene	ParcelB-06	Innovation Campus, Parcel B	2	U (0.189) - 0.00146	0.048	280	0.5
VOC	Benzene	ParcelB-07	Innovation Campus, Parcel B	6	U (0.23)	0.041	280	0.5
VOC	Benzene	ParcelB-08	Innovation Campus, Parcel B	2	0.00244 - 0.868	0.44	280	0.5
VOC	Benzene	ParcelB-10	Innovation Campus, Parcel B	3	0.00193 - 0.302	0.16	280	0.5
VOC	Benzene	ParcelB-12	Innovation Campus, Parcel B	2	0.7 - 1.9	1.3	280	0.5
VOC	Benzene	ParcelB-13	Innovation Campus, Parcel B	2	3.2 - 3.2	1.7	280	0.5
VOC	Benzene	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38) - 0.028	0.073	280	0.5
VOC	Benzene	ParcelB-15	Innovation Campus, Parcel B	2	0.21 - 0.21	0.11	280	0.5
VOC	Benzene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	280	0.5
VOC	Benzene	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	280	0.5
VOC	Benzene	ParcelB-20	Innovation Campus, Parcel B	3	3.1 - 3.1	1.1	280	0.5
VOC	Benzene	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24) - 0.00271	0.041	280	0.5
VOC	Benzene	101-D20-C	Innovation Campus	21	U (0.0387) - 0.00043	0.0012	280	0.5
VOC	Benzene	101-G24-C	Innovation Campus	2	U (0.00141) - 0.00741	0.0040	280	0.5
VOC	Benzene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	280	1
VOC	Benzene	101-H24-C	Innovation Campus	2	0.00038 - 0.00066	0.00052	280	0.5
VOC	Benzene	101-I23-C	Innovation Campus	1	U (0.23)	0.12	280	1
VOC	Benzene	101-I25-C	Innovation Campus	2	U (0.11)	0.028	280	1
VOC	Benzene	101-J23-C	Innovation Campus	2	U (0.099)	0.025	280	1
VOC	Benzene	101-L31-C	Innovation Campus	2	0.00494 - 0.00494	0.0028	280	1

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Benzene	101-U37-C	Innovation Campus	5	U (0.18)	0.021	280	1
VOC	Benzene	102-E08-C	Innovation Campus	3	U (0.44) - 0.0254	0.15	280	1
VOC	Benzene	102-G23-C	Innovation Campus	2	U (0.0276) - 0.0052	0.010	280	1
VOC	Benzene	103-A10-C	Innovation Campus	6	0.00193 - 0.868	0.25	280	1
VOC	Benzene	103-A10-S	Innovation Campus	2	0.00244 - 0.868	0.44	280	1
VOC	Benzene	103-A14-S	Innovation Campus	1	U (0.38)	0.19	280	1
VOC	Benzene	103-A15-S	Innovation Campus	2	0.00193 - 0.302	0.15	280	1
VOC	Benzene	103-A17-S	Innovation Campus	1	U (0.23)	0.12	280	1
VOC	Benzene	103-H01-C	Innovation Campus	2	3.2 - 3.2	1.7	280	1
VOC	Benzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.028	0.014	280	1
VOC	Benzene	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	280	1
VOC	Benzene	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	280	1
VOC	Benzene	LS-A-A03	Innovation Campus	1	U (0.00071)	0.00036	280	1
VOC	Benzene	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	280	1
VOC	Benzene	LS-A-B02	Innovation Campus	14	0.00039 - 0.0018	0.00041	280	1
VOC	Benzene	LS-A-B03	Innovation Campus	4	0.00324 - 0.121	0.031	280	1
VOC	Benzene	LS-A-C01	Innovation Campus	28	U (0.22) - 0.00305	0.0057	280	1
VOC	Benzene	LS-A-C02	Innovation Campus	12	U (0.3) - 0.00134	0.023	280	1
VOC	Benzene	LS-A-C04	Innovation Campus	3	U (0.21)	0.039	280	1
VOC	Benzene	LS-A-D01	Innovation Campus	5	0.0942 - 0.74	0.29	280	1
VOC	Benzene	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	280	1
VOC	Benzene	LS-A-D03	Innovation Campus	3	U (0.26)	0.044	280	1
VOC	Benzene	LS-A-D04	Innovation Campus	2	0.00155 - 0.00229	0.0019	280	1
VOC	Benzene	LS-A-D05	Innovation Campus	6	0.00488 - 0.00488	0.046	280	1
VOC	Benzene	LS-A-D06	Innovation Campus	4	U (0.0265) - 0.00694	0.0069	280	1
VOC	Benzene	LS-A-D07	Innovation Campus	2	U (0.137) - 0.00208	0.035	280	1
VOC	Benzene	LS-A-E01	Innovation Campus	3	U (3.1) - 0.0378	0.54	280	1
VOC	Benzene	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	280	1
VOC	Benzene	LS-A-E04	Innovation Campus	2	U (0.158) - 1.86	0.94	280	1
VOC	Benzene	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	280	1
VOC	Benzene	LS-A-E07	Innovation Campus	7	U (0.59)	0.12	280	1
VOC	Benzene	LS-A-E08	Innovation Campus	6	U (0.22)	0.060	280	1
VOC	Benzene	LS-A-F01	Innovation Campus	3	0.31 - 1.25	0.52	280	1
VOC	Benzene	LS-A-F02	Innovation Campus	3	3.1 - 3.1	1.1	280	1
VOC	Benzene	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	280	1
VOC	Benzene	LS-A-F04	Innovation Campus	12	U (0.37) - 0.00204	0.044	280	1
VOC	Benzene	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	280	1
VOC	Benzene	LS-A-G01	Innovation Campus	3	0.24 - 0.531	0.77	280	1
VOC	Benzene	LS-A-G02	Innovation Campus	2	U (0.734)	0.23	280	1
VOC	Benzene	LS-A-G03	Innovation Campus	3	0.21 - 0.21	0.13	280	1
VOC	Benzene	LS-A-G07	Innovation Campus	3	U (0.24) - 0.00271	0.041	280	1
VOC	Benzene	LS-A-G08	Innovation Campus	2	U (0.00125) - 0.00453	0.0026	280	1
VOC	Benzene	LS-A-H03	Innovation Campus	2	U (0.00118)	0.00059	280	1
VOC	Benzene	LS-A-H04	Innovation Campus	2	U (0.0207) - 0.028	0.019	280	1
VOC	Benzene	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	280	1
VOC	Benzene	LS-A-H07	Innovation Campus	2	U (0.0184) - 0.363	0.19	280	1
VOC	Benzene	LS-A-I01	Innovation Campus	6	U (0.38) - 0.00295	0.070	280	1
VOC	Benzene	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	280	1
VOC	Benzene	LS-A-I03	Innovation Campus	3	U (0.22)	0.060	280	1
VOC	Benzene	LS-B-B01	Innovation Campus	1	U (0.00087)	0.00044	280	1
VOC	Benzene	LS-B-C01	Innovation Campus	3	0.0257 - 0.0257	0.054	280	1
VOC	Benzene	LS-B-E01	Innovation Campus	4	U (0.27) - 9.93	3.3	280	1
VOC	Benzene	LS-B-G02	Innovation Campus	1	0.0284 - 0.0284	0.028	280	1
VOC	Benzene	LS-B-H02	Innovation Campus	3	U (0.29) - 1.9	0.68	280	1
VOC	Benzene	LS-E-B01	Innovation Campus	98	U (1.34) - 20.3	0.55	280	1
VOC	Benzene	LS-E-G01	Innovation Campus	4	U (0.23) - 0.0094	0.060	280	1
VOC	Cumene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.0037 - 1.31	0.46	10000	2500
VOC	Cumene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.0486 - 3.5	0.95	10000	2500
VOC	Cumene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.039 - 38	7.0	10000	2500
VOC	Cumene	401-MA3-1-11	Major Amendment 3 Resampling	18	0.0069 - 13	3.1	10000	2500
VOC	Cumene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.54) - 3.29	0.44	10000	2500
VOC	Cumene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.0056)	0.0027	10000	2500
VOC	Cumene	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.45) - 0.148	0.051	10000	2500
VOC	Cumene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.00042 - 8.5	0.87	10000	2500
VOC	Cumene	401-MA3-1-16	Major Amendment 3 Resampling	1	0.61 - 0.61	0.61	10000	2500
VOC	Cumene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.046 - 2.8	1.1	10000	2500
VOC	Cumene	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	10000	2500
VOC	Cumene	401-MA3-1-21	Major Amendment 3 Resampling	8	U (3.3) - 24	6.1	10000	2500
VOC	Cumene	401-MA3-1-23	Major Amendment 3 Resampling	5	0.011 - 6.9	2.8	10000	2500
VOC	Cumene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.861 - 0.861	0.43	10000	2500
VOC	Cumene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.011 - 0.63	0.22	10000	2500
VOC	Cumene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	10000	2500
VOC	Cumene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.0043)	0.0022	10000	2500
VOC	Cumene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.00074 - 0.00074	0.047	10000	2500
VOC	Cumene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	10000	2500
VOC	Cumene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 18.7	4.1	10000	2500
VOC	Cumene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33) - 2.1	1.1	10000	2500
VOC	Cumene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.94 - 4.7	1.9	10000	2500
VOC	Cumene	401-MA3-1-56	Major Amendment 3 Resampling	2	1.5 - 1.5	0.75	10000	2500
VOC	Cumene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.65 - 1.2	0.41	10000	2500
VOC	Cumene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	10000	2500
VOC	Cumene	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32) - 1	0.29	10000	2500
VOC	Cumene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.59) - 0.55	0.062	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	10000	2500
VOC	Cumene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	10000	2500
VOC	Cumene	401-MA3-1-72	Major Amendment 3 Resampling	9	U (0.6) - 3.6	0.47	10000	2500
VOC	Cumene	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 0.081	0.021	10000	2500
VOC	Cumene	403-MA3-1-01	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0012)	0.00051	10000	2500
VOC	Cumene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.06) - 0.68	0.075	10000	2500
VOC	Cumene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0012)	0.00051	10000	2500
VOC	Cumene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29)	0.037	10000	2500
VOC	Cumene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.061) - 0.076	0.019	10000	2500
VOC	Cumene	404-MA3-1-01	Major Amendment 3 Resampling	22	U (0.64) - 6.6	0.51	10000	2500
VOC	Cumene	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.8) - 0.465	0.15	10000	2500
VOC	Cumene	404-MA3-1-03	Major Amendment 3 Resampling	4	0.0128 - 0.13	0.20	10000	2500
VOC	Cumene	404-MA3-1-05	Major Amendment 3 Resampling	141	U (1700) - 55000	2671	10000	2500
VOC	Cumene	404-MA3-1-06	Major Amendment 3 Resampling	12	U (0.24) - 1	0.095	10000	2500
VOC	Cumene	401-A01	Major Amendment 3	4	0.0037 - 1.31	0.46	10000	2500
VOC	Cumene	401-E02	Major Amendment 3	44	0.0069 - 38	3.9	10000	2500
VOC	Cumene	401-F01	Major Amendment 3	8	U (0.54) - 3.29	0.44	10000	2500
VOC	Cumene	401-G01	Major Amendment 3	3	U (0.0056)	0.0027	10000	2500
VOC	Cumene	401-H01	Major Amendment 3	3	U (0.45) - 0.148	0.051	10000	2500
VOC	Cumene	401-H02	Major Amendment 3	19	0.00042 - 8.5	0.94	10000	2500
VOC	Cumene	401-I01	Major Amendment 3	1	U (5.3)	2.7	10000	2500
VOC	Cumene	401-J01	Major Amendment 3	8	U (3.3) - 24	6.1	10000	2500
VOC	Cumene	401-K01	Major Amendment 3	5	0.011 - 6.9	2.8	10000	2500
VOC	Cumene	401-L01	Major Amendment 3	2	0.861 - 0.861	0.43	10000	2500
VOC	Cumene	401-L02	Major Amendment 3	6	0.011 - 0.63	0.11	10000	2500
VOC	Cumene	401-N01	Major Amendment 3	2	U (0.24)	0.12	10000	2500
VOC	Cumene	401-O01	Major Amendment 3	1	U (0.0043)	0.0022	10000	2500
VOC	Cumene	401-P01	Major Amendment 3	5	0.00074 - 0.00074	0.047	10000	2500
VOC	Cumene	401-Q01	Major Amendment 3	33	0.00025 - 6.12	0.55	10000	2500
VOC	Cumene	401-R01	Major Amendment 3	9	U (0.6) - 3.6	0.47	10000	2500
VOC	Cumene	402-A01	Major Amendment 3	41	U (1.2) - 30	2.3	10000	2500
VOC	Cumene	402-B01	Major Amendment 3	99	U (4.4) - 93	2.8	10000	2500
VOC	Cumene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	10000	2500
VOC	Cumene	403-A01	Major Amendment 3	2	U (0.0124)	0.0060	10000	2500
VOC	Cumene	403-B01	Major Amendment 3	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	403-C01	Major Amendment 3	5	U (0.43) - 38.1	7.6	10000	2500
VOC	Cumene	403-C02	Major Amendment 3	4	U (0.0012)	0.00051	10000	2500
VOC	Cumene	403-D01	Major Amendment 3	13	U (0.06) - 0.68	0.075	10000	2500
VOC	Cumene	403-E01	Major Amendment 3	4	U (0.061) - 0.076	0.019	10000	2500
VOC	Cumene	403-F01	Major Amendment 3	7	0.00022 - 3	0.43	10000	2500
VOC	Cumene	403-G01	Major Amendment 3	2	U (0.0044)	0.0021	10000	2500
VOC	Cumene	404-A01	Major Amendment 3	19	0.00023 - 0.056	0.0058	10000	2500
VOC	Cumene	404-B01	Major Amendment 3	24	0.00052 - 0.0782	0.030	10000	2500
VOC	Cumene	404-B02	Major Amendment 3	17	U (0.24) - 1	0.068	10000	2500
VOC	Cumene	404-C01	Major Amendment 3	3	6.2 - 7.2	6.7	10000	2500
VOC	Cumene	404-D01	Major Amendment 3	6	0.0008 - 17.3	4.0	10000	2500
VOC	Cumene	404-E01	Major Amendment 3	30	U (7.1) - 220	37	10000	2500
VOC	Cumene	404-F01	Major Amendment 3	22	0.0073 - 83	13	10000	2500
VOC	Cumene	201-A01	Phase 1A	7	0.0019 - 13.5	3.5	10000	2500
VOC	Cumene	201-A02	Phase 1A	14	0.0025 - 96	9.8	10000	2500
VOC	Cumene	201-A03	Phase 1A	7	0.00026 - 34	10	10000	2500
VOC	Cumene	201-A04	Phase 1A	31	0.00011 - 99	12	10000	2500
VOC	Cumene	201-A05	Phase 1A	9	0.81 - 17	4.5	10000	2500
VOC	Cumene	201-A06	Phase 1A	10	0.00022 - 7.6	1.1	10000	2500
VOC	Cumene	201-A07	Phase 1A	12	0.028 - 26	8.3	10000	2500
VOC	Cumene	201-A08	Phase 1A	7	0.00022 - 5.9	1.3	10000	2500
VOC	Cumene	201-A09	Phase 1A	8	0.067 - 30	9.7	10000	2500
VOC	Cumene	201-A10	Phase 1A	8	0.00018 - 1.4	0.19	10000	2500
VOC	Cumene	201-A11	Phase 1A	8	0.0005 - 12	1.7	10000	2500
VOC	Cumene	201-A12	Phase 1A	16	U (2.4) - 9.7	0.82	10000	2500
VOC	Cumene	201-A13	Phase 1A	17	0.0031 - 16	3.6	10000	2500
VOC	Cumene	201-A14	Phase 1A	21	0.0011 - 8.6	1.2	10000	2500
VOC	Cumene	201-A15	Phase 1A	8	0.00033 - 12	3.2	10000	2500
VOC	Cumene	201-B01	Phase 1A	4	0.03 - 2	0.87	10000	2500
VOC	Cumene	201-B02	Phase 1A	10	0.58 - 21	8.0	10000	2500
VOC	Cumene	201-B03	Phase 1A	1	11 - 11	11	10000	2500
VOC	Cumene	201-B04	Phase 1A	11	0.00036 - 15	1.8	10000	2500
VOC	Cumene	201-B05	Phase 1A	3	0.013 - 2.3	1.1	10000	2500
VOC	Cumene	201-B06	Phase 1A	1	3.5 - 3.5	3.5	10000	2500
VOC	Cumene	201-B07	Phase 1A	21	U (0.34) - 4.9	0.77	10000	2500
VOC	Cumene	201-B08	Phase 1A	10	0.00071 - 0.86	0.11	10000	2500
VOC	Cumene	201-B09	Phase 1A	10	0.0084 - 6	1.1	10000	2500
VOC	Cumene	201-B10	Phase 1A	8	U (0.3) - 0.29	0.092	10000	2500
VOC	Cumene	201-B11	Phase 1A	31	0.00022 - 9	0.74	10000	2500
VOC	Cumene	201-B12	Phase 1A	18	0.001 - 3.24	0.87	10000	2500
VOC	Cumene	201-C01	Phase 1A	15	0.00033 - 12	3.5	10000	2500
VOC	Cumene	201-C02	Phase 1A	2	0.021 - 0.046	0.034	10000	2500
VOC	Cumene	201-C04	Phase 1A	14	0.005 - 7.3	2.1	10000	2500
VOC	Cumene	201-C05	Phase 1A	3	U (0.47) - 6.9	2.4	10000	2500
VOC	Cumene	201-C06	Phase 1A	14	0.00038 - 20	2.0	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	201-C07	Phase 1A	11	0.0025 - 19	6.0	10000	2500
VOC	Cumene	201-C08	Phase 1A	20	0.0032 - 26	3.9	10000	2500
VOC	Cumene	201-C09	Phase 1A	7	U (0.047) - 0.36	0.052	10000	2500
VOC	Cumene	201-C10	Phase 1A	4	U (0.225) - 4.25	1.1	10000	2500
VOC	Cumene	201-C11	Phase 1A	1	2.99 - 2.99	3.0	10000	2500
VOC	Cumene	201-D01	Phase 1A	4	U (0.0061) - 0.112	0.033	10000	2500
VOC	Cumene	201-D05	Phase 1A	8	U (3.5) - 17.6	3.7	10000	2500
VOC	Cumene	201-D08	Phase 1A	1	U (0.0023)	0.0012	10000	2500
VOC	Cumene	201-D12	Phase 1A	3	U (0.0011) - 0.0044	0.0021	10000	2500
VOC	Cumene	201-E01	Phase 1A	74	0.0012 - 27	2.4	10000	2500
VOC	Cumene	201-E02	Phase 1A	1	U (0.001)	0.00050	10000	2500
VOC	Cumene	201-E03	Phase 1A	3	0.039 - 0.039	0.014	10000	2500
VOC	Cumene	201-E04	Phase 1A	5	U (1) - 4.4	1.5	10000	2500
VOC	Cumene	201-E05	Phase 1A	26	0.00014 - 2.1	0.30	10000	2500
VOC	Cumene	201-F01	Phase 1A	51	U (0.61) - 4.4	0.39	10000	2500
VOC	Cumene	201-F02	Phase 1A	7	0.0056 - 1.9	0.29	10000	2500
VOC	Cumene	201-F03	Phase 1A	31	U (3.3) - 25	4.1	10000	2500
VOC	Cumene	201-F04	Phase 1A	20	U (0.74) - 12	1.7	10000	2500
VOC	Cumene	202-A03	Phase 1A	8	0.0001 - 6.4	0.96	10000	2500
VOC	Cumene	202-A04	Phase 1A	4	0.035 - 0.36	0.19	10000	2500
VOC	Cumene	202-A05	Phase 1A	4	U (0.0011)	0.00054	10000	2500
VOC	Cumene	202-A06	Phase 1A	4	U (0.001)	0.00046	10000	2500
VOC	Cumene	202-A07	Phase 1A	3	U (0.0011)	0.00050	10000	2500
VOC	Cumene	202-A08	Phase 1A	3	0.00018 - 0.0002	0.00033	10000	2500
VOC	Cumene	202-A09	Phase 1A	6	U (0.0011) - 0.00021	0.00043	10000	2500
VOC	Cumene	202-B01	Phase 1A	2	U (0.0024) - 0.0022	0.0015	10000	2500
VOC	Cumene	202-B02	Phase 1A	18	0.00021 - 1.7	0.28	10000	2500
VOC	Cumene	202-B03	Phase 1A	15	U (0.1) - 0.26	0.019	10000	2500
VOC	Cumene	202-B04	Phase 1A	3	0.0032 - 0.0032	0.0014	10000	2500
VOC	Cumene	202-B05	Phase 1A	4	U (0.056)	0.025	10000	2500
VOC	Cumene	202-B09	Phase 1A	9	0.00019 - 0.82	0.092	10000	2500
VOC	Cumene	202-C04	Phase 1A	15	U (0.31) - 0.0082	0.029	10000	2500
VOC	Cumene	202-C05	Phase 1A	20	U (0.33) - 2.5	0.45	10000	2500
VOC	Cumene	202-C06	Phase 1A	4	U (0.054) - 0.084	0.028	10000	2500
VOC	Cumene	202-C07	Phase 1A	8	U (0.81) - 5.8	1.2	10000	2500
VOC	Cumene	202-C08	Phase 1A	4	0.27 - 0.49	0.28	10000	2500
VOC	Cumene	202-C10	Phase 1A	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	202-D05	Phase 1A	5	0.031 - 13	2.9	10000	2500
VOC	Cumene	202-D06	Phase 1A	11	U (0.057) - 4.6	0.88	10000	2500
VOC	Cumene	202-E06	Phase 1A	2	0.00072 - 0.00072	0.00076	10000	2500
VOC	Cumene	202-E08	Phase 1A	13	0.0044 - 3	0.24	10000	2500
VOC	Cumene	202-E09	Phase 1A	16	U (0.095) - 3.6	0.42	10000	2500
VOC	Cumene	202-E10	Phase 1A	6	U (0.11) - 0.25	0.073	10000	2500
VOC	Cumene	202-E11	Phase 1A	2	0.35 - 1.2	0.78	10000	2500
VOC	Cumene	202-E12	Phase 1A	4	U (0.092)	0.020	10000	2500
VOC	Cumene	202-E13	Phase 1A	2	1.1 - 2.9	2.0	10000	2500
VOC	Cumene	202-E15	Phase 1A	2	0.48 - 1.1	0.79	10000	2500
VOC	Cumene	202-F01	Phase 1A	7	0.41 - 8.9	4.2	10000	2500
VOC	Cumene	202-F04	Phase 1A	11	0.00014 - 1.1	0.19	10000	2500
VOC	Cumene	202-F05	Phase 1A	2	U (0.059)	0.015	10000	2500
VOC	Cumene	202-F06	Phase 1A	2	U (0.089)	0.037	10000	2500
VOC	Cumene	202-F07	Phase 1A	17	0.0066 - 4.6	0.80	10000	2500
VOC	Cumene	202-F08	Phase 1A	5	U (0.057) - 0.0011	0.012	10000	2500
VOC	Cumene	202-F10	Phase 1A	2	U (0.054) - 0.06	0.030	10000	2500
VOC	Cumene	202-F13	Phase 1A	1	U (0.006)	0.0030	10000	2500
VOC	Cumene	202-F14	Phase 1A	2	U (0.0057)	0.0025	10000	2500
VOC	Cumene	202-F16	Phase 1A	4	U (0.096) - 0.49	0.14	10000	2500
VOC	Cumene	202-F17	Phase 1A	8	U (0.0021)	0.00070	10000	2500
VOC	Cumene	202-G01	Phase 1A	8	U (0.0012)	0.00049	10000	2500
VOC	Cumene	202-G02	Phase 1A	14	U (0.067) - 2	0.15	10000	2500
VOC	Cumene	202-G03	Phase 1A	9	U (0.0038)	0.00065	10000	2500
VOC	Cumene	202-G04	Phase 1A	3	U (0.061) - 5.4	1.8	10000	2500
VOC	Cumene	202-G05	Phase 1A	6	U (0.096) - 1.7	0.57	10000	2500
VOC	Cumene	202-G07	Phase 1A	16	0.00012 - 0.015	0.0020	10000	2500
VOC	Cumene	202-H01	Phase 1A	2	U (0.21) - 2.3	1.2	10000	2500
VOC	Cumene	202-H03	Phase 1A	11	0.0033 - 14	5.8	10000	2500
VOC	Cumene	202-H05	Phase 1A	8	U (0.31) - 12	5.4	10000	2500
VOC	Cumene	202-H06	Phase 1A	2	U (0.0063)	0.0029	10000	2500
VOC	Cumene	202-H07	Phase 1A	2	U (0.0056)	0.0027	10000	2500
VOC	Cumene	202-H08	Phase 1A	3	U (0.0019)	0.00072	10000	2500
VOC	Cumene	202-H09	Phase 1A	4	0.0012 - 0.021	0.0067	10000	2500
VOC	Cumene	202-H11	Phase 1A	10	U (0.071) - 1	0.13	10000	2500
VOC	Cumene	202-I01	Phase 1A	2	U (0.001)	0.00048	10000	2500
VOC	Cumene	202-I04	Phase 1A	4	U (0.0018)	0.00073	10000	2500
VOC	Cumene	202-J01	Phase 1A	6	U (0.061) - 1.4	0.23	10000	2500
VOC	Cumene	202-J02	Phase 1A	5	U (0.062) - 1.6	0.32	10000	2500
VOC	Cumene	202-J03	Phase 1A	9	0.62 - 6	3.0	10000	2500
VOC	Cumene	202-J04	Phase 1A	8	0.0062 - 9.6	3.8	10000	2500
VOC	Cumene	202-J05	Phase 1A	6	U (0.0052)	0.0025	10000	2500
VOC	Cumene	202-J07	Phase 1A	7	0.0058 - 0.78	0.22	10000	2500
VOC	Cumene	202-J08	Phase 1A	1	U (0.0049)	0.0025	10000	2500
VOC	Cumene	202-J09	Phase 1A	2	0.0098 - 0.0098	0.23	10000	2500
VOC	Cumene	301-AA01	Phase 1A	1	U (0.0027)	0.0014	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	301-AA02	Phase 1B	2	0.0016 - 0.0016	0.0013	10000	2500
VOC	Cumene	301-AA05	Phase 1B	11	0.00086 - 0.52	0.11	10000	2500
VOC	Cumene	301-AA06	Phase 1A	11	U (0.33) - 12	1.9	10000	2500
VOC	Cumene	301-AA07	Phase 1A	4	0.0016 - 0.108	0.028	10000	2500
VOC	Cumene	301-AA08	Phase 1A	3	U (0.28)	0.086	10000	2500
VOC	Cumene	301-AA09	Phase 1A	3	U (0.48) - 0.82	0.40	10000	2500
VOC	Cumene	301-AB04	Phase 1A	3	0.0013 - 0.062	0.021	10000	2500
VOC	Cumene	301-AB05	Phase 1B	6	U (1.1) - 3.93	0.66	10000	2500
VOC	Cumene	301-AB06	Phase 1A	2	0.016 - 0.016	0.0085	10000	2500
VOC	Cumene	301-AB07	Phase 1A	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	301-AB09	Phase 1A	2	U (0.0059) - 0.112	0.057	10000	2500
VOC	Cumene	301-AC03	Phase 1B	2	U (0.005)	0.0024	10000	2500
VOC	Cumene	301-AC04	Phase 1A	25	U (0.39) - 0.49	0.066	10000	2500
VOC	Cumene	301-AC07	Phase 1A	10	0.00035 - 0.0063	0.0015	10000	2500
VOC	Cumene	301-AC08	Phase 1A	7	U (0.25) - 3.2	0.46	10000	2500
VOC	Cumene	301-AC09	Phase 1A	6	U (0.0011) - 0.007	0.0016	10000	2500
VOC	Cumene	301-B01	Phase 1A	1	U (0.0058)	0.0029	10000	2500
VOC	Cumene	301-C01	Phase 1A	3	0.069 - 29	11	10000	2500
VOC	Cumene	301-C02	Phase 1A	9	0.028 - 2.4	0.56	10000	2500
VOC	Cumene	301-D01	Phase 1A	32	0.00036 - 61	8.8	10000	2500
VOC	Cumene	301-E02	Phase 1A	32	0.0016 - 41	5.0	10000	2500
VOC	Cumene	301-E03	Phase 1A	5	0.00024 - 4.6	1.2	10000	2500
VOC	Cumene	301-F02	Phase 1A	7	U (0.3) - 2.6	1.3	10000	2500
VOC	Cumene	301-G01	Phase 1A	2	0.19 - 19	9.6	10000	2500
VOC	Cumene	301-G02	Phase 1A	3	0.002 - 2.2	0.97	10000	2500
VOC	Cumene	301-G03	Phase 1A	1	10 - 10	10.00	10000	2500
VOC	Cumene	301-H01	Phase 1A	20	0.003 - 13	2.4	10000	2500
VOC	Cumene	301-H02	Phase 1A	3	0.003 - 0.02	0.0087	10000	2500
VOC	Cumene	301-H03	Phase 1A	2	1.1 - 6.8	4.0	10000	2500
VOC	Cumene	301-I01	Phase 1A	9	U (0.54) - 8.5	1.4	10000	2500
VOC	Cumene	301-I02	Phase 1A	1	1.3 - 1.3	1.3	10000	2500
VOC	Cumene	301-J01	Phase 1A	4	U (0.12) - 2.3	0.86	10000	2500
VOC	Cumene	301-J02	Phase 1A	7	U (0.14) - 1.2	0.56	10000	2500
VOC	Cumene	301-K01	Phase 1A	9	0.013 - 2.8	0.87	10000	2500
VOC	Cumene	301-K02	Phase 1A	3	0.24 - 4.8	1.8	10000	2500
VOC	Cumene	301-L01	Phase 1C	7	0.861 - 4.7	1.1	10000	2500
VOC	Cumene	301-L02	Phase 1A	8	0.00014 - 20	3.1	10000	2500
VOC	Cumene	301-L03	Phase 1A	5	0.0002 - 12	3.1	10000	2500
VOC	Cumene	301-M02	Phase 1A	5	0.0014 - 1.4	0.51	10000	2500
VOC	Cumene	301-M03	Phase 1A	3	0.0032 - 4	1.3	10000	2500
VOC	Cumene	301-N02	Phase 1A	3	1.1 - 1.1	0.40	10000	2500
VOC	Cumene	301-P02	Phase 1A	2	1.26 - 1.52	1.4	10000	2500
VOC	Cumene	301-Q04	Phase 1A	6	U (0.234) - 1.07	0.18	10000	2500
VOC	Cumene	301-R02	Phase 1A	6	U (0.26)	0.024	10000	2500
VOC	Cumene	301-S02	Phase 1A	4	U (0.0054)	0.0025	10000	2500
VOC	Cumene	301-S03	Phase 1A	1	U (0.025)	0.013	10000	2500
VOC	Cumene	301-T01	Phase 1B	5	2 - 2	0.49	10000	2500
VOC	Cumene	301-T02	Phase 1B	7	0.051 - 3.6	0.61	10000	2500
VOC	Cumene	301-T03	Phase 1C	2	U (0.0072)	0.0032	10000	2500
VOC	Cumene	301-T04	Phase 1A	2	U (0.3)	0.076	10000	2500
VOC	Cumene	301-U01	Phase 1B	2	0.00028 - 0.00028	0.073	10000	2500
VOC	Cumene	301-U03	Phase 1B	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	301-V01	Phase 1B	7	U (0.51) - 3.59	0.76	10000	2500
VOC	Cumene	301-V02	Phase 1B	20	0.00069 - 10	0.81	10000	2500
VOC	Cumene	301-V04	Phase 1A	30	U (1.3) - 3.8	0.36	10000	2500
VOC	Cumene	301-W01	Phase 1B	24	U (0.69) - 3	0.16	10000	2500
VOC	Cumene	301-W03	Phase 1A	4	U (0.27) - 1.4	0.44	10000	2500
VOC	Cumene	301-X01	Phase 1B	11	0.0021 - 1.29	0.17	10000	2500
VOC	Cumene	301-X03	Phase 1A	3	U (0.25)	0.079	10000	2500
VOC	Cumene	301-Y01	Phase 1B	10	U (0.21) - 1.28	0.14	10000	2500
VOC	Cumene	301-Y02	Phase 1B	4	U (0.029)	0.013	10000	2500
VOC	Cumene	301-Y03	Phase 1A	2	2.84 - 2.84	1.4	10000	2500
VOC	Cumene	301-Y04	Phase 1A	3	0.82 - 0.82	0.32	10000	2500
VOC	Cumene	301-Y05	Phase 1A	6	0.002 - 5.2	2.1	10000	2500
VOC	Cumene	301-Z01	Phase 1B	6	0.0047 - 0.0061	0.0025	10000	2500
VOC	Cumene	301-Z02	Phase 1B	2	U (0.005)	0.0017	10000	2500
VOC	Cumene	301-Z03	Phase 1B	5	0.00057 - 25	5.8	10000	2500
VOC	Cumene	301-Z04	Phase 1A	14	0.79 - 27	4.5	10000	2500
VOC	Cumene	302-AD02	Phase 1C	2	U (0.004)	0.0016	10000	2500
VOC	Cumene	302-AD06	Phase 1B	12	0.00012 - 1.29	0.13	10000	2500
VOC	Cumene	302-AD07	Phase 1B	2	U (0.0013)	0.00055	10000	2500
VOC	Cumene	302-AD08	Phase 1A	2	U (0.0012)	0.00058	10000	2500
VOC	Cumene	302-AD09	Phase 1A	3	U (0.0056)	0.0026	10000	2500
VOC	Cumene	302-AD10	Phase 1A	4	2.4 - 4.8	1.8	10000	2500
VOC	Cumene	302-AE01	Phase 1C	1	U (0.006)	0.0030	10000	2500
VOC	Cumene	302-AE02	Phase 1C	2	U (0.007)	0.0028	10000	2500
VOC	Cumene	302-AE03	Phase 1B	4	0.066 - 0.61	0.24	10000	2500
VOC	Cumene	302-AE04	Phase 1B	8	0.00041 - 0.068	0.011	10000	2500
VOC	Cumene	302-AE05	Phase 1B	20	0.00015 - 0.0092	0.0014	10000	2500
VOC	Cumene	302-AE07	Phase 1B	3	0.0135 - 0.431	0.15	10000	2500
VOC	Cumene	302-AE08	Phase 1B	3	U (0.001)	0.00049	10000	2500
VOC	Cumene	302-AE09	Phase 1A	4	U (0.00095)	0.00046	10000	2500
VOC	Cumene	302-AF01	Phase 1C	1	U (0.005)	0.0025	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	302-AF02	Phase 1C	4	U (0.007)	0.0028	10000	2500
VOC	Cumene	302-AF03	Phase 1B	2	1.9 - 5.3	3.6	10000	2500
VOC	Cumene	302-AF04	Phase 1B	22	U (0.24) - 0.81	0.064	10000	2500
VOC	Cumene	302-AF05	Phase 1B	2	6.02 - 6.02	3.0	10000	2500
VOC	Cumene	302-AF06	Phase 1A	9	U (0.3) - 15	1.7	10000	2500
VOC	Cumene	302-AF09	Phase 1B	5	U (0.51) - 3.29	0.66	10000	2500
VOC	Cumene	302-AG02	Phase 1C	2	16 - 16	8.0	10000	2500
VOC	Cumene	302-AG04	Phase 1B	9	U (0.28) - 1.76	0.28	10000	2500
VOC	Cumene	302-AG06	Phase 1B	5	U (1) - 2.36	0.63	10000	2500
VOC	Cumene	302-AG07	Phase 1A	14	U (0.057) - 1.4	0.11	10000	2500
VOC	Cumene	302-AG08	Phase 1B	6	0.34 - 4.2	0.78	10000	2500
VOC	Cumene	302-AH01	Phase 1C	2	U (0.005)	0.0025	10000	2500
VOC	Cumene	302-AH03	Phase 1C	2	U (0.064)	0.031	10000	2500
VOC	Cumene	302-AH04	Phase 1B	8	0.086 - 0.96	0.22	10000	2500
VOC	Cumene	302-AH05	Phase 1B	11	0.00014 - 2.4	0.67	10000	2500
VOC	Cumene	302-AH06	Phase 1B	4	U (0.0126)	0.0046	10000	2500
VOC	Cumene	302-AH07	Phase 1B	21	U (0.063) - 0.11	0.016	10000	2500
VOC	Cumene	302-AH08	Phase 1B	13	U (0.061) - 0.073	0.032	10000	2500
VOC	Cumene	302-AI01	Phase 1C	2	U (0.0023)	0.0011	10000	2500
VOC	Cumene	302-AI03	Phase 1C	1	3.5 - 3.5	3.5	10000	2500
VOC	Cumene	302-AI04	Phase 1C	2	U (0.061)	0.029	10000	2500
VOC	Cumene	302-AI05	Phase 1B	12	0.00016 - 0.72	0.079	10000	2500
VOC	Cumene	302-AI06	Phase 1B	19	U (0.2) - 8.26	0.48	10000	2500
VOC	Cumene	302-AI07	Phase 1B	10	U (1.22) - 5.65	0.66	10000	2500
VOC	Cumene	302-AI08	Phase 1B	2	0.129 - 0.129	0.066	10000	2500
VOC	Cumene	302-AI09	Phase 1B	3	U (0.0044)	0.0018	10000	2500
VOC	Cumene	302-AJ04	Phase 1C	1	U (0.051)	0.026	10000	2500
VOC	Cumene	302-AJ05	Phase 1B	2	U (0.0012)	0.00058	10000	2500
VOC	Cumene	302-AJ06	Phase 1B	5	U (0.0018) - 0.0014	0.00076	10000	2500
VOC	Cumene	302-AJ09	Phase 1A	2	U (0.054)	0.027	10000	2500
VOC	Cumene	302-AK05	Phase 1B	5	0.18 - 0.18	0.049	10000	2500
VOC	Cumene	302-AK06	Phase 1A	1	U (0.057)	0.029	10000	2500
VOC	Cumene	302-AK07	Phase 1B	13	U (2.02) - 7.88	1.2	10000	2500
VOC	Cumene	302-AL01	Phase 1C	2	U (0.43)	0.11	10000	2500
VOC	Cumene	302-AL03	Phase 1B	2	5.6 - 5.6	2.8	10000	2500
VOC	Cumene	302-AL05	Phase 1B	11	U (0.13)	0.041	10000	2500
VOC	Cumene	302-AL06	Phase 1A	2	U (0.052)	0.025	10000	2500
VOC	Cumene	302-AL08	Phase 1B	2	U (0.0045)	0.0019	10000	2500
VOC	Cumene	302-AN01	Phase 1B	2	U (0.0061)	0.0028	10000	2500
VOC	Cumene	302-AN02	Phase 1A	2	U (0.012)	0.0057	10000	2500
VOC	Cumene	302-AN03	Phase 1B	1	U (0.004)	0.0020	10000	2500
VOC	Cumene	302-AO03	Phase 1A	2	U (0.0127)	0.0060	10000	2500
VOC	Cumene	302-AO05	Phase 1B	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	302-AP02	Phase 1B	2	0.0764 - 0.0764	0.039	10000	2500
VOC	Cumene	302-AP03	Phase 1B	23	0.013 - 0.143	0.015	10000	2500
VOC	Cumene	302-AP04	Phase 1B	3	U (0.005) - 0.088	0.031	10000	2500
VOC	Cumene	302-AP05	Phase 1B	2	U (0.0027)	0.0013	10000	2500
VOC	Cumene	302-AQ01	Phase 1B	2	U (0.006)	0.0030	10000	2500
VOC	Cumene	302-AQ02	Phase 1A	9	U (0.25) - 3.2	0.86	10000	2500
VOC	Cumene	302-AQ04	Phase 1B	2	U (0.0044)	0.0022	10000	2500
VOC	Cumene	302-AR01	Phase 1B	2	U (0.006)	0.0028	10000	2500
VOC	Cumene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	10000	2500
VOC	Cumene	302-AR04	Phase 1B	3	U (0.0055)	0.0025	10000	2500
VOC	Cumene	302-AS03	Phase 1A	13	U (0.53) - 0.95	0.12	10000	2500
VOC	Cumene	302-AS04	Phase 1B	2	U (0.0127)	0.0062	10000	2500
VOC	Cumene	302-AT02	Phase 1B	2	0.211 - 0.211	0.11	10000	2500
VOC	Cumene	302-AT03	Phase 1B	4	U (0.57) - 0.393	0.10	10000	2500
VOC	Cumene	302-AU01	Phase 1B	2	U (0.0052)	0.0024	10000	2500
VOC	Cumene	302-AU02	Phase 1B	8	U (0.055) - 0.04	0.0057	10000	2500
VOC	Cumene	302-AU03	Phase 1B	2	U (0.00097)	0.00046	10000	2500
VOC	Cumene	302-AV01	Phase 1A	6	U (0.008) - 0.0017	0.0022	10000	2500
VOC	Cumene	302-AV02	Phase 1B	4	U (0.054) - 0.42	0.11	10000	2500
VOC	Cumene	302-AV03	Phase 1A	6	0.00019 - 1.4	0.23	10000	2500
VOC	Cumene	302-AV04	Phase 1B	2	U (0.0126)	0.0062	10000	2500
VOC	Cumene	302-AW01	Phase 1A	9	U (1.9) - 0.28	0.20	10000	2500
VOC	Cumene	302-AW02	Phase 1B	2	U (0.28)	0.070	10000	2500
VOC	Cumene	302-AW03	Phase 1A	2	U (0.00096)	0.00046	10000	2500
VOC	Cumene	302-AX01	Phase 1A	7	U (1.5) - 0.00019	0.23	10000	2500
VOC	Cumene	302-AX02	Phase 1B	3	U (0.53)	0.090	10000	2500
VOC	Cumene	302-AX05	Phase 1A	2	U (0.0125)	0.0060	10000	2500
VOC	Cumene	302-AY02	Phase 1B	12	2.1 - 66	7.0	10000	2500
VOC	Cumene	302-AY03	Phase 1B	2	U (0.0064)	0.0029	10000	2500
VOC	Cumene	302-AY05	Phase 1B	2	U (0.0124)	0.0060	10000	2500
VOC	Cumene	302-AZ02	Phase 1B	3	U (4.6) - 6.5	2.2	10000	2500
VOC	Cumene	302-AZ03	Phase 1B	1	U (0.31)	0.16	10000	2500
VOC	Cumene	302-AZ05	Phase 1A	3	U (0.005) - 0.00013	0.0011	10000	2500
VOC	Cumene	302-BA05	Phase 1A	2	0.0137 - 5.19	2.6	10000	2500
VOC	Cumene	302-BB06	Phase 1A	5	U (0.06) - 0.16	0.038	10000	2500
VOC	Cumene	302-BB07	Phase 1B	26	0.00015 - 24	3.3	10000	2500
VOC	Cumene	302-BB08	Phase 1B	1	U (0.005)	0.0025	10000	2500
VOC	Cumene	302-BC05	Phase 1A	19	U (0.067) - 0.38	0.023	10000	2500
VOC	Cumene	302-BC06	Phase 1B	8	0.1 - 7.3	0.94	10000	2500
VOC	Cumene	302-BD05	Phase 1A	4	U (0.0011)	0.00053	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	302-BE04	Phase 1A	5	U (0.006)	0.0014	10000	2500
VOC	Cumene	303-AY01	Phase 1A	4	U (0.005)	0.0013	10000	2500
VOC	Cumene	303-AZ01	Phase 1A	5	U (5.2) - 12	5.5	10000	2500
VOC	Cumene	303-BA01	Phase 1A	8	U (0.0021) - 0.05	0.0069	10000	2500
VOC	Cumene	303-BA02	Phase 1A	10	U (0.49) - 7.6	0.81	10000	2500
VOC	Cumene	303-BB01	Phase 1A	2	U (0.005)	0.0023	10000	2500
VOC	Cumene	303-BB02	Phase 1A	5	U (0.64)	0.065	10000	2500
VOC	Cumene	303-BC01	Phase 1A	4	U (0.0022)	0.0010	10000	2500
VOC	Cumene	303-BD04	Phase 1A	9	U (0.26) - 11	2.5	10000	2500
VOC	Cumene	303-BE03	Phase 1A	41	0.0033 - 4.3	0.47	10000	2500
VOC	Cumene	303-BF05	Phase 1A	16	U (1.1) - 22	2.4	10000	2500
VOC	Cumene	303-BG04	Phase 1A	27	U (4.3) - 930	37	10000	2500
VOC	Cumene	303-BH02	Phase 1A	21	U (0.21) - 12	0.81	10000	2500
VOC	Cumene	303-BI03	Phase 1A	6	0.00045 - 0.015	0.0032	10000	2500
VOC	Cumene	303-BJ01	Phase 1A	3	U (0.14) - 2.1	0.72	10000	2500
VOC	Cumene	303-BJ02	Phase 1A	3	U (0.0065)	0.0025	10000	2500
VOC	Cumene	303-BK03	Phase 1A	7	0.00028 - 18	4.3	10000	2500
VOC	Cumene	303-BL02	Phase 1A	13	0.00049 - 0.8	0.077	10000	2500
VOC	Cumene	303-BM02	Phase 1A	2	U (0.005)	0.0021	10000	2500
VOC	Cumene	303-BN02	Phase 1A	15	U (7.4) - 556	54	10000	2500
VOC	Cumene	303-BN03	Phase 1A	14	0.001 - 7.21	0.77	10000	2500
VOC	Cumene	303-BO02	Phase 1A	17	0.0043 - 700	82	10000	2500
VOC	Cumene	303-BP02	Phase 1A	59	0.00034 - 15000	2697	10000	2500
VOC	Cumene	303-BQ01	Phase 1A	4	0.003 - 1.18	0.35	10000	2500
VOC	Cumene	303-BQ02	Phase 1A	25	0.0082 - 7600	610	10000	2500
VOC	Cumene	303-BR02	Phase 1A	8	0.00026 - 2.7	0.57	10000	2500
VOC	Cumene	303-BT01	Phase 1A	13	U (2.9) - 70	7.7	10000	2500
VOC	Cumene	303-BW01	Phase 1A	2	0.382 - 2.2	1.3	10000	2500
VOC	Cumene	ParcelB-01	Innovation Campus, Parcel B	2	0.44 - 0.44	1.0	10000	2500
VOC	Cumene	ParcelB-02	Innovation Campus, Parcel B	6	0.0247 - 6.83	2.0	10000	2500
VOC	Cumene	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24) - 0.59	0.20	10000	2500
VOC	Cumene	ParcelB-04	Innovation Campus, Parcel B	3	5.33 - 5.33	1.9	10000	2500
VOC	Cumene	ParcelB-06	Innovation Campus, Parcel B	2	0.0171 - 2.61	1.3	10000	2500
VOC	Cumene	ParcelB-07	Innovation Campus, Parcel B	6	U (0.521) - 0.32	0.14	10000	2500
VOC	Cumene	ParcelB-08	Innovation Campus, Parcel B	2	9.96 - 9.96	5.0	10000	2500
VOC	Cumene	ParcelB-10	Innovation Campus, Parcel B	3	U (1.39)	0.30	10000	2500
VOC	Cumene	ParcelB-12	Innovation Campus, Parcel B	2	U (0.38)	0.15	10000	2500
VOC	Cumene	ParcelB-13	Innovation Campus, Parcel B	2	U (0.4)	0.15	10000	2500
VOC	Cumene	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38) - 1.4	0.51	10000	2500
VOC	Cumene	ParcelB-15	Innovation Campus, Parcel B	2	U (1.94)	0.49	10000	2500
VOC	Cumene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	10000	2500
VOC	Cumene	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	10000	2500
VOC	Cumene	ParcelB-20	Innovation Campus, Parcel B	3	2.1 - 2.1	0.78	10000	2500
VOC	Cumene	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24)	0.044	10000	2500
VOC	Cumene	101-D20-C	Innovation Campus	21	U (0.0156) - 0.00026	0.0012	10000	2500
VOC	Cumene	101-G24-C	Innovation Campus	2	U (0.0141)	0.0063	10000	2500
VOC	Cumene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	10000	2500
VOC	Cumene	101-H24-C	Innovation Campus	2	U (0.0057)	0.0026	10000	2500
VOC	Cumene	101-I23-C	Innovation Campus	1	U (0.23)	0.12	10000	2500
VOC	Cumene	101-I25-C	Innovation Campus	2	0.0303 - 0.0303	0.017	10000	2500
VOC	Cumene	101-J23-C	Innovation Campus	2	0.0312 - 0.0312	0.018	10000	2500
VOC	Cumene	101-L31-C	Innovation Campus	2	U (0.0132)	0.0065	10000	2500
VOC	Cumene	101-U37-C	Innovation Campus	5	U (0.218)	0.043	10000	2500
VOC	Cumene	102-E08-C	Innovation Campus	3	5.33 - 5.33	1.9	10000	2500
VOC	Cumene	102-G23-C	Innovation Campus	2	U (0.276)	0.073	10000	2500
VOC	Cumene	103-A10-C	Innovation Campus	6	0.81 - 9.96	1.9	10000	2500
VOC	Cumene	103-A10-S	Innovation Campus	2	9.96 - 9.96	5.0	10000	2500
VOC	Cumene	103-A14-S	Innovation Campus	1	U (0.38)	0.19	10000	2500
VOC	Cumene	103-A15-S	Innovation Campus	2	U (1.39)	0.35	10000	2500
VOC	Cumene	103-A17-S	Innovation Campus	1	0.81 - 0.81	0.81	10000	2500
VOC	Cumene	103-H01-C	Innovation Campus	2	U (0.4)	0.15	10000	2500
VOC	Cumene	104-K10-C	Innovation Campus	2	U (0.24)	0.063	10000	2500
VOC	Cumene	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	10000	2500
VOC	Cumene	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	10000	2500
VOC	Cumene	LS-A-A03	Innovation Campus	1	U (0.0028)	0.0014	10000	2500
VOC	Cumene	LS-A-A04	Innovation Campus	3	U (0.28)	0.094	10000	2500
VOC	Cumene	LS-A-B02	Innovation Campus	14	0.0017 - 0.0017	0.00075	10000	2500
VOC	Cumene	LS-A-B03	Innovation Campus	4	1.04 - 1.04	0.26	10000	2500
VOC	Cumene	LS-A-C01	Innovation Campus	28	U (0.394) - 0.00027	0.019	10000	2500
VOC	Cumene	LS-A-C02	Innovation Campus	12	U (3) - 0.575	0.19	10000	2500
VOC	Cumene	LS-A-C04	Innovation Campus	3	U (0.246)	0.078	10000	2500
VOC	Cumene	LS-A-D01	Innovation Campus	5	U (0.274) - 0.36	0.16	10000	2500
VOC	Cumene	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	10000	2500
VOC	Cumene	LS-A-D03	Innovation Campus	3	U (0.26)	0.048	10000	2500
VOC	Cumene	LS-A-D04	Innovation Campus	2	U (0.0122)	0.0058	10000	2500
VOC	Cumene	LS-A-D05	Innovation Campus	6	U (0.301) - 1.79	0.34	10000	2500
VOC	Cumene	LS-A-D06	Innovation Campus	2	U (0.265)	0.069	10000	2500
VOC	Cumene	LS-A-D07	Innovation Campus	2	1.74 - 1.74	0.87	10000	2500
VOC	Cumene	LS-A-E01	Innovation Campus	3	U (3.1)	0.66	10000	2500
VOC	Cumene	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	10000	2500
VOC	Cumene	LS-A-E04	Innovation Campus	2	0.655 - 2.9	1.8	10000	2500
VOC	Cumene	LS-A-E05	Innovation Campus	1	0.47 - 0.47	0.47	10000	2500
VOC	Cumene	LS-A-E07	Innovation Campus	7	4 - 19	7.1	10000	2500

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Cumene	LS-A-E08	Innovation Campus	6	2.3 - 13	4.4	10000	2500
VOC	Cumene	LS-A-F01	Innovation Campus	3	U (6.33)	1.1	10000	2500
VOC	Cumene	LS-A-F02	Innovation Campus	3	2.1 - 2.1	0.78	10000	2500
VOC	Cumene	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	10000	2500
VOC	Cumene	LS-A-F04	Innovation Campus	12	U (0.37)	0.047	10000	2500
VOC	Cumene	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	10000	2500
VOC	Cumene	LS-A-G01	Innovation Campus	3	U (3.1)	0.96	10000	2500
VOC	Cumene	LS-A-G02	Innovation Campus	2	U (7.34)	2.3	10000	2500
VOC	Cumene	LS-A-G03	Innovation Campus	3	U (1.94) - 1.4	0.79	10000	2500
VOC	Cumene	LS-A-G07	Innovation Campus	3	U (0.24)	0.044	10000	2500
VOC	Cumene	LS-A-G08	Innovation Campus	2	U (0.0125) - 0.043	0.025	10000	2500
VOC	Cumene	LS-A-H03	Innovation Campus	2	U (0.0118)	0.0059	10000	2500
VOC	Cumene	LS-A-H04	Innovation Campus	2	U (0.207)	0.055	10000	2500
VOC	Cumene	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	10000	2500
VOC	Cumene	LS-A-H07	Innovation Campus	2	0.99 - 1.23	1.1	10000	2500
VOC	Cumene	LS-A-I01	Innovation Campus	6	0.0171 - 2.61	0.49	10000	2500
VOC	Cumene	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	10000	2500
VOC	Cumene	LS-A-I03	Innovation Campus	3	U (1.41)	0.27	10000	2500
VOC	Cumene	LS-B-B01	Innovation Campus	1	U (0.0017)	0.00085	10000	2500
VOC	Cumene	LS-B-C01	Innovation Campus	3	U (0.25)	0.11	10000	2500
VOC	Cumene	LS-B-E01	Innovation Campus	4	1.5 - 7.7	3.9	10000	2500
VOC	Cumene	LS-B-G02	Innovation Campus	1	U (0.0138)	0.0069	10000	2500
VOC	Cumene	LS-B-H02	Innovation Campus	3	7.57 - 7.57	2.6	10000	2500
VOC	Cumene	LS-E-B01	Innovation Campus	94	U (13.4) - 92	1.5	10000	2500
VOC	Cumene	LS-E-G01	Innovation Campus	4	U (0.23) - 0.0265	0.066	10000	2500
VOC	Ethyl Benzene	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.11) - 0.114	0.051	880	70
VOC	Ethyl Benzene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.31) - 0.0837	0.052	880	70
VOC	Ethyl Benzene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.039 - 9.6	0.95	880	70
VOC	Ethyl Benzene	401-MA3-1-11	Major Amendment 3 Resampling	18	0.00021 - 91	19	880	70
VOC	Ethyl Benzene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.24)	0.022	880	70
VOC	Ethyl Benzene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.005)	0.0012	880	70
VOC	Ethyl Benzene	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.091)	0.015	880	70
VOC	Ethyl Benzene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.00022 - 7.2	0.70	880	70
VOC	Ethyl Benzene	401-MA3-1-16	Major Amendment 3 Resampling	1	4.1 - 4.1	4.1	880	70
VOC	Ethyl Benzene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.011 - 0.24	0.082	880	70
VOC	Ethyl Benzene	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	880	70
VOC	Ethyl Benzene	401-MA3-1-21	Major Amendment 3 Resampling	8	U (3) - 160	23	880	70
VOC	Ethyl Benzene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	880	70
VOC	Ethyl Benzene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.038)	0.011	880	70
VOC	Ethyl Benzene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.0054 - 1.3	0.44	880	70
VOC	Ethyl Benzene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	880	70
VOC	Ethyl Benzene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.00085)	0.00043	880	70
VOC	Ethyl Benzene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.091)	0.010	880	70
VOC	Ethyl Benzene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	880	70
VOC	Ethyl Benzene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 18.5	4.5	880	70
VOC	Ethyl Benzene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33) - 0.6	0.31	880	70
VOC	Ethyl Benzene	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.33) - 0.11	0.11	880	70
VOC	Ethyl Benzene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.0049 - 0.43	0.22	880	70
VOC	Ethyl Benzene	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	880	70
VOC	Ethyl Benzene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	880	70
VOC	Ethyl Benzene	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32) - 3	0.79	880	70
VOC	Ethyl Benzene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.31) - 0.66	0.051	880	70
VOC	Ethyl Benzene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	880	70
VOC	Ethyl Benzene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	880	70
VOC	Ethyl Benzene	401-MA3-1-72	Major Amendment 3 Resampling	9	U (0.6) - 0.34	0.099	880	70
VOC	Ethyl Benzene	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 0.23	0.018	880	70
VOC	Ethyl Benzene	403-MA3-1-01	Major Amendment 3 Resampling	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0012)	0.00051	880	70
VOC	Ethyl Benzene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.06) - 0.5	0.043	880	70
VOC	Ethyl Benzene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0012)	0.00051	880	70
VOC	Ethyl Benzene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29) - 0.31	0.078	880	70
VOC	Ethyl Benzene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.061)	0.0080	880	70
VOC	Ethyl Benzene	404-MA3-1-01	Major Amendment 3 Resampling	22	U (0.64) - 0.2	0.025	880	70
VOC	Ethyl Benzene	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.36) - 0.06	0.030	880	70
VOC	Ethyl Benzene	404-MA3-1-03	Major Amendment 3 Resampling	4	0.00085 - 0.0751	0.035	880	70
VOC	Ethyl Benzene	404-MA3-1-05	Major Amendment 3 Resampling	68	U (56) - 10	1.1	880	70
VOC	Ethyl Benzene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.24)	0.022	880	70
VOC	Ethyl Benzene	401-A01	Major Amendment 3	4	U (0.11) - 0.114	0.051	880	70
VOC	Ethyl Benzene	401-E02	Major Amendment 3	44	U (0.57) - 91	8.2	880	70
VOC	Ethyl Benzene	401-F01	Major Amendment 3	8	U (0.24)	0.022	880	70
VOC	Ethyl Benzene	401-G01	Major Amendment 3	3	U (0.005)	0.0012	880	70
VOC	Ethyl Benzene	401-H01	Major Amendment 3	3	U (0.091)	0.015	880	70
VOC	Ethyl Benzene	401-H02	Major Amendment 3	19	0.00022 - 7.2	0.65	880	70
VOC	Ethyl Benzene	401-I01	Major Amendment 3	1	U (5.3)	2.7	880	70
VOC	Ethyl Benzene	401-J01	Major Amendment 3	8	U (3) - 160	23	880	70
VOC	Ethyl Benzene	401-K01	Major Amendment 3	5	U (0.46)	0.091	880	70
VOC	Ethyl Benzene	401-L01	Major Amendment 3	2	U (0.038)	0.011	880	70
VOC	Ethyl Benzene	401-L02	Major Amendment 3	6	0.0054 - 1.3	0.22	880	70
VOC	Ethyl Benzene	401-N01	Major Amendment 3	2	U (0.24)	0.12	880	70
VOC	Ethyl Benzene	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	880	70
VOC	Ethyl Benzene	401-P01	Major Amendment 3	5	U (0.091)	0.010	880	70

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Ethyl Benzene	401-Q01	Major Amendment 3	33	0.00033 - 2.41	0.28	880	70
VOC	Ethyl Benzene	401-R01	Major Amendment 3	9	U (0.6) - 0.34	0.099	880	70
VOC	Ethyl Benzene	402-A01	Major Amendment 3	41	U (0.25) - 0.91	0.087	880	70
VOC	Ethyl Benzene	402-B01	Major Amendment 3	109	U (1.3) - 22	1.0	880	70
VOC	Ethyl Benzene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	880	70
VOC	Ethyl Benzene	403-A01	Major Amendment 3	2	U (0.00124)	0.00060	880	70
VOC	Ethyl Benzene	403-B01	Major Amendment 3	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	403-C01	Major Amendment 3	5	U (0.22) - 7.05	1.4	880	70
VOC	Ethyl Benzene	403-C02	Major Amendment 3	4	U (0.0012)	0.00051	880	70
VOC	Ethyl Benzene	403-D01	Major Amendment 3	13	U (0.06) - 0.5	0.043	880	70
VOC	Ethyl Benzene	403-E01	Major Amendment 3	4	U (0.061)	0.0080	880	70
VOC	Ethyl Benzene	403-F01	Major Amendment 3	7	U (0.23) - 0.16	0.023	880	70
VOC	Ethyl Benzene	403-G01	Major Amendment 3	2	U (0.004)	0.0012	880	70
VOC	Ethyl Benzene	404-A01	Major Amendment 3	19	U (0.008)	0.0013	880	70
VOC	Ethyl Benzene	404-B01	Major Amendment 3	26	U (0.15) - 0.0549	0.0052	880	70
VOC	Ethyl Benzene	404-B02	Major Amendment 3	11	U (0.24)	0.012	880	70
VOC	Ethyl Benzene	404-C01	Major Amendment 3	3	0.29 - 0.71	0.35	880	70
VOC	Ethyl Benzene	404-D01	Major Amendment 3	6	U (0.12) - 5.9	1.2	880	70
VOC	Ethyl Benzene	404-E01	Major Amendment 3	30	U (0.74) - 2.5	0.41	880	70
VOC	Ethyl Benzene	404-F01	Major Amendment 3	22	0.00017 - 55	5.4	880	70
VOC	Ethyl Benzene	201-A01	Phase 1A	7	0.008 - 52.3	17	880	70
VOC	Ethyl Benzene	201-A02	Phase 1A	14	0.02 - 1900	179	880	70
VOC	Ethyl Benzene	201-A03	Phase 1A	7	0.0011 - 480	132	880	70
VOC	Ethyl Benzene	201-A04	Phase 1A	55	0.00025 - 1300	162	880	70
VOC	Ethyl Benzene	201-A05	Phase 1A	9	0.012 - 190	39	880	70
VOC	Ethyl Benzene	201-A06	Phase 1A	10	0.00039 - 6.9	1.3	880	70
VOC	Ethyl Benzene	201-A07	Phase 1A	12	0.52 - 260	83	880	70
VOC	Ethyl Benzene	201-A08	Phase 1A	7	0.032 - 82	15	880	70
VOC	Ethyl Benzene	201-A09	Phase 1A	8	0.21 - 290	99	880	70
VOC	Ethyl Benzene	201-A10	Phase 1A	8	U (0.094) - 15	1.9	880	70
VOC	Ethyl Benzene	201-A11	Phase 1A	8	0.00052 - 94	13	880	70
VOC	Ethyl Benzene	201-A12	Phase 1A	16	0.00043 - 38	3.1	880	70
VOC	Ethyl Benzene	201-A13	Phase 1A	18	0.0051 - 180	29	880	70
VOC	Ethyl Benzene	201-A14	Phase 1A	21	0.00032 - 0.33	0.083	880	70
VOC	Ethyl Benzene	201-A15	Phase 1A	8	0.12 - 0.15	0.085	880	70
VOC	Ethyl Benzene	201-B01	Phase 1A	4	0.03 - 19	5.0	880	70
VOC	Ethyl Benzene	201-B02	Phase 1A	10	0.00021 - 260	45	880	70
VOC	Ethyl Benzene	201-B03	Phase 1A	1	0.6 - 0.6	0.60	880	70
VOC	Ethyl Benzene	201-B04	Phase 1A	11	0.00057 - 8.9	1.2	880	70
VOC	Ethyl Benzene	201-B05	Phase 1A	3	0.038 - 0.16	0.080	880	70
VOC	Ethyl Benzene	201-B06	Phase 1A	1	U (0.13)	0.065	880	70
VOC	Ethyl Benzene	201-B07	Phase 1A	21	U (0.34) - 10	0.58	880	70
VOC	Ethyl Benzene	201-B08	Phase 1A	10	U (0.072) - 2	0.24	880	70
VOC	Ethyl Benzene	201-B09	Phase 1A	10	0.00015 - 0.56	0.14	880	70
VOC	Ethyl Benzene	201-B10	Phase 1A	8	0.0053 - 0.37	0.12	880	70
VOC	Ethyl Benzene	201-B11	Phase 1A	33	U (0.64) - 38	1.7	880	70
VOC	Ethyl Benzene	201-B12	Phase 1A	18	0.00016 - 1.2	0.23	880	70
VOC	Ethyl Benzene	201-C01	Phase 1A	15	0.00033 - 17	3.5	880	70
VOC	Ethyl Benzene	201-C02	Phase 1A	2	0.0025 - 0.027	0.015	880	70
VOC	Ethyl Benzene	201-C04	Phase 1A	14	0.0085 - 15	1.6	880	70
VOC	Ethyl Benzene	201-C05	Phase 1A	3	0.0079 - 0.0079	0.13	880	70
VOC	Ethyl Benzene	201-C06	Phase 1A	14	U (0.13) - 1.2	0.19	880	70
VOC	Ethyl Benzene	201-C07	Phase 1A	11	0.075 - 112	28	880	70
VOC	Ethyl Benzene	201-C08	Phase 1A	20	0.00036 - 230	25	880	70
VOC	Ethyl Benzene	201-C09	Phase 1A	7	U (0.047) - 0.042	0.0065	880	70
VOC	Ethyl Benzene	201-C10	Phase 1A	4	U (0.225) - 7.13	1.8	880	70
VOC	Ethyl Benzene	201-C11	Phase 1A	1	2.84 - 2.84	2.8	880	70
VOC	Ethyl Benzene	201-D01	Phase 1A	4	U (0.0061)	0.0023	880	70
VOC	Ethyl Benzene	201-D05	Phase 1A	8	U (3.5) - 8	2.0	880	70
VOC	Ethyl Benzene	201-D08	Phase 1A	1	U (0.0011)	0.00055	880	70
VOC	Ethyl Benzene	201-D12	Phase 1A	3	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	201-E01	Phase 1A	74	U (0.52) - 140	5.3	880	70
VOC	Ethyl Benzene	201-E02	Phase 1A	1	U (0.001)	0.00050	880	70
VOC	Ethyl Benzene	201-E03	Phase 1A	3	0.0028 - 0.0028	0.0021	880	70
VOC	Ethyl Benzene	201-E04	Phase 1A	5	0.00014 - 40	11	880	70
VOC	Ethyl Benzene	201-E05	Phase 1A	26	U (1.3) - 9.1	0.81	880	70
VOC	Ethyl Benzene	201-F01	Phase 1A	51	U (0.56) - 3.6	0.12	880	70
VOC	Ethyl Benzene	201-F02	Phase 1A	7	U (0.22) - 0.0045	0.022	880	70
VOC	Ethyl Benzene	201-F03	Phase 1A	34	U (12) - 130	4.9	880	70
VOC	Ethyl Benzene	201-F04	Phase 1A	20	U (0.74) - 0.43	0.073	880	70
VOC	Ethyl Benzene	202-A03	Phase 1A	8	0.017 - 17	2.1	880	70
VOC	Ethyl Benzene	202-A04	Phase 1A	4	0.024 - 0.085	0.085	880	70
VOC	Ethyl Benzene	202-A05	Phase 1A	4	U (0.0011)	0.00054	880	70
VOC	Ethyl Benzene	202-A06	Phase 1A	4	U (0.001)	0.00046	880	70
VOC	Ethyl Benzene	202-A07	Phase 1A	3	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	202-A08	Phase 1A	3	U (0.0012)	0.00052	880	70
VOC	Ethyl Benzene	202-A09	Phase 1A	6	U (0.0011)	0.00049	880	70
VOC	Ethyl Benzene	202-B01	Phase 1A	2	U (0.0024) - 0.0012	0.0010	880	70
VOC	Ethyl Benzene	202-B02	Phase 1A	18	U (0.31) - 1	0.099	880	70
VOC	Ethyl Benzene	202-B03	Phase 1A	15	U (0.1) - 0.067	0.0084	880	70
VOC	Ethyl Benzene	202-B04	Phase 1A	3	U (0.001)	0.00047	880	70
VOC	Ethyl Benzene	202-B05	Phase 1A	4	U (0.056)	0.025	880	70
VOC	Ethyl Benzene	202-B09	Phase 1A	9	U (0.064) - 0.00034	0.0040	880	70

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Ethyl Benzene	202-C04	Phase 1A	15	U (0.31) - 0.001	0.028	880	70
VOC	Ethyl Benzene	202-C05	Phase 1A	20	U (0.33) - 1.8	0.17	880	70
VOC	Ethyl Benzene	202-C06	Phase 1A	4	U (0.054) - 0.023	0.013	880	70
VOC	Ethyl Benzene	202-C07	Phase 1A	8	U (0.5) - 0.3	0.10	880	70
VOC	Ethyl Benzene	202-C08	Phase 1A	4	0.66 - 1.3	0.74	880	70
VOC	Ethyl Benzene	202-C10	Phase 1A	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	202-D05	Phase 1A	5	U (0.52) - 41	8.2	880	70
VOC	Ethyl Benzene	202-D06	Phase 1A	11	U (0.057) - 13	2.2	880	70
VOC	Ethyl Benzene	202-E06	Phase 1A	2	0.00023 - 0.00023	0.00052	880	70
VOC	Ethyl Benzene	202-E08	Phase 1A	13	0.0024 - 9.4	0.74	880	70
VOC	Ethyl Benzene	202-E09	Phase 1A	16	U (0.095) - 8.8	0.98	880	70
VOC	Ethyl Benzene	202-E10	Phase 1A	6	U (0.11) - 0.34	0.066	880	70
VOC	Ethyl Benzene	202-E11	Phase 1A	2	0.51 - 2.2	1.4	880	70
VOC	Ethyl Benzene	202-E12	Phase 1A	4	U (0.092)	0.020	880	70
VOC	Ethyl Benzene	202-E13	Phase 1A	2	1.8 - 2.4	2.1	880	70
VOC	Ethyl Benzene	202-E15	Phase 1A	2	0.44 - 1.7	1.1	880	70
VOC	Ethyl Benzene	202-F01	Phase 1A	7	0.084 - 46	7.0	880	70
VOC	Ethyl Benzene	202-F04	Phase 1A	11	U (0.067) - 1.6	0.16	880	70
VOC	Ethyl Benzene	202-F05	Phase 1A	2	U (0.059)	0.015	880	70
VOC	Ethyl Benzene	202-F06	Phase 1A	2	U (0.089)	0.037	880	70
VOC	Ethyl Benzene	202-F07	Phase 1A	17	0.0024 - 16	1.1	880	70
VOC	Ethyl Benzene	202-F08	Phase 1A	5	U (0.057) - 0.00046	0.012	880	70
VOC	Ethyl Benzene	202-F10	Phase 1A	2	U (0.054) - 0.017	0.0088	880	70
VOC	Ethyl Benzene	202-F13	Phase 1A	1	U (0.006)	0.0030	880	70
VOC	Ethyl Benzene	202-F14	Phase 1A	2	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	202-F16	Phase 1A	4	U (0.096) - 0.74	0.20	880	70
VOC	Ethyl Benzene	202-F17	Phase 1A	8	U (0.0021)	0.00070	880	70
VOC	Ethyl Benzene	202-G01	Phase 1A	8	U (0.0012)	0.00049	880	70
VOC	Ethyl Benzene	202-G02	Phase 1A	14	U (0.067) - 0.016	0.0036	880	70
VOC	Ethyl Benzene	202-G03	Phase 1A	9	U (0.0012)	0.00048	880	70
VOC	Ethyl Benzene	202-G04	Phase 1A	3	U (0.061) - 13	4.3	880	70
VOC	Ethyl Benzene	202-G05	Phase 1A	6	U (0.096) - 3.4	1.2	880	70
VOC	Ethyl Benzene	202-G07	Phase 1A	16	0.00014 - 0.0032	0.0030	880	70
VOC	Ethyl Benzene	202-H01	Phase 1A	2	U (0.21) - 9.3	4.7	880	70
VOC	Ethyl Benzene	202-H03	Phase 1A	11	0.0021 - 73	20	880	70
VOC	Ethyl Benzene	202-H05	Phase 1A	8	U (3.1) - 44	16	880	70
VOC	Ethyl Benzene	202-H06	Phase 1A	2	U (0.0013)	0.00058	880	70
VOC	Ethyl Benzene	202-H07	Phase 1A	2	U (0.0011)	0.00053	880	70
VOC	Ethyl Benzene	202-H08	Phase 1A	3	U (0.0019)	0.00072	880	70
VOC	Ethyl Benzene	202-H09	Phase 1A	4	0.0011 - 0.018	0.0064	880	70
VOC	Ethyl Benzene	202-H11	Phase 1A	10	U (0.071) - 0.73	0.13	880	70
VOC	Ethyl Benzene	202-I01	Phase 1A	2	U (0.001)	0.00048	880	70
VOC	Ethyl Benzene	202-I04	Phase 1A	4	U (0.0018)	0.00073	880	70
VOC	Ethyl Benzene	202-J01	Phase 1A	6	U (0.061) - 0.018	0.0035	880	70
VOC	Ethyl Benzene	202-J02	Phase 1A	5	U (0.062) - 3.6	0.72	880	70
VOC	Ethyl Benzene	202-J03	Phase 1A	11	0.0003 - 25	6.6	880	70
VOC	Ethyl Benzene	202-J04	Phase 1A	8	0.00014 - 42	16	880	70
VOC	Ethyl Benzene	202-J05	Phase 1A	6	0.0022 - 0.0048	0.0018	880	70
VOC	Ethyl Benzene	202-J07	Phase 1A	11	0.0013 - 35	4.2	880	70
VOC	Ethyl Benzene	202-J08	Phase 1A	1	0.0025 - 0.0025	0.0025	880	70
VOC	Ethyl Benzene	202-J09	Phase 1A	2	0.12 - 0.12	0.29	880	70
VOC	Ethyl Benzene	301-AA01	Phase 1A	1	0.00061 - 0.00061	0.00061	880	70
VOC	Ethyl Benzene	301-AA02	Phase 1B	2	U (0.001)	0.00049	880	70
VOC	Ethyl Benzene	301-AA05	Phase 1B	11	0.00032 - 0.062	0.017	880	70
VOC	Ethyl Benzene	301-AA06	Phase 1A	11	U (0.33) - 0.25	0.046	880	70
VOC	Ethyl Benzene	301-AA07	Phase 1A	4	U (0.27) - 9.36	2.3	880	70
VOC	Ethyl Benzene	301-AA08	Phase 1A	3	U (0.28)	0.086	880	70
VOC	Ethyl Benzene	301-AA09	Phase 1A	3	U (0.48)	0.17	880	70
VOC	Ethyl Benzene	301-AB04	Phase 1A	3	U (0.09)	0.015	880	70
VOC	Ethyl Benzene	301-AB05	Phase 1B	6	U (0.22) - 0.564	0.095	880	70
VOC	Ethyl Benzene	301-AB06	Phase 1A	2	0.0062 - 0.0062	0.0036	880	70
VOC	Ethyl Benzene	301-AB07	Phase 1A	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	301-AB09	Phase 1A	2	U (0.0059)	0.0026	880	70
VOC	Ethyl Benzene	301-AC03	Phase 1B	2	U (0.005)	0.0015	880	70
VOC	Ethyl Benzene	301-AC04	Phase 1A	25	U (0.39) - 0.16	0.038	880	70
VOC	Ethyl Benzene	301-AC07	Phase 1A	10	0.00059 - 0.024	0.0048	880	70
VOC	Ethyl Benzene	301-AC08	Phase 1A	7	0.00025 - 1.2	0.17	880	70
VOC	Ethyl Benzene	301-AC09	Phase 1A	6	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	301-B01	Phase 1A	1	U (0.0058)	0.0029	880	70
VOC	Ethyl Benzene	301-C01	Phase 1A	3	0.07 - 38	13	880	70
VOC	Ethyl Benzene	301-C02	Phase 1A	9	0.0078 - 0.56	0.17	880	70
VOC	Ethyl Benzene	301-D01	Phase 1A	32	0.0052 - 250	39	880	70
VOC	Ethyl Benzene	301-E02	Phase 1A	32	U (3.4) - 700	41	880	70
VOC	Ethyl Benzene	301-E03	Phase 1A	5	U (0.31) - 0.13	0.036	880	70
VOC	Ethyl Benzene	301-F02	Phase 1A	8	U (0.3) - 28	4.2	880	70
VOC	Ethyl Benzene	301-G01	Phase 1A	2	U (0.47) - 1.7	0.87	880	70
VOC	Ethyl Benzene	301-G02	Phase 1A	3	1.9 - 4.1	2.0	880	70
VOC	Ethyl Benzene	301-G03	Phase 1A	1	2.5 - 2.5	2.5	880	70
VOC	Ethyl Benzene	301-H01	Phase 1A	20	0.00019 - 91	15	880	70
VOC	Ethyl Benzene	301-H02	Phase 1A	4	U (0.0052) - 0.007	0.0030	880	70
VOC	Ethyl Benzene	301-H03	Phase 1A	2	4.4 - 4.4	2.2	880	70
VOC	Ethyl Benzene	301-I01	Phase 1A	9	U (0.54) - 7.2	0.93	880	70
VOC	Ethyl Benzene	301-I02	Phase 1A	1	U (0.064)	0.032	880	70

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Ethyl Benzene	301-J01	Phase 1A	4	0.00068 - 4.1	1.0	880	70
VOC	Ethyl Benzene	301-J02	Phase 1A	8	U (0.14) - 20	5.4	880	70
VOC	Ethyl Benzene	301-K01	Phase 1A	9	0.011 - 0.24	0.073	880	70
VOC	Ethyl Benzene	301-K02	Phase 1A	3	0.037 - 2	0.71	880	70
VOC	Ethyl Benzene	301-L01	Phase 1C	7	U (0.32)	0.076	880	70
VOC	Ethyl Benzene	301-L02	Phase 1A	8	0.069 - 160	23	880	70
VOC	Ethyl Benzene	301-L03	Phase 1A	5	0.0002 - 1.3	0.30	880	70
VOC	Ethyl Benzene	301-M02	Phase 1A	5	0.00042 - 0.83	0.17	880	70
VOC	Ethyl Benzene	301-M03	Phase 1A	3	0.0078 - 0.24	0.086	880	70
VOC	Ethyl Benzene	301-N02	Phase 1A	3	U (0.22)	0.071	880	70
VOC	Ethyl Benzene	301-P02	Phase 1A	2	1.59 - 2.3	1.9	880	70
VOC	Ethyl Benzene	301-Q04	Phase 1A	6	U (0.234)	0.025	880	70
VOC	Ethyl Benzene	301-R02	Phase 1A	6	U (0.26)	0.024	880	70
VOC	Ethyl Benzene	301-S02	Phase 1A	4	U (0.0054)	0.0025	880	70
VOC	Ethyl Benzene	301-S03	Phase 1A	1	0.034 - 0.034	0.034	880	70
VOC	Ethyl Benzene	301-T01	Phase 1B	5	2.41 - 2.41	0.57	880	70
VOC	Ethyl Benzene	301-T02	Phase 1B	7	0.051 - 0.34	0.13	880	70
VOC	Ethyl Benzene	301-T03	Phase 1C	2	U (0.0072)	0.0032	880	70
VOC	Ethyl Benzene	301-T04	Phase 1A	2	U (0.3)	0.076	880	70
VOC	Ethyl Benzene	301-U01	Phase 1B	2	0.00055 - 0.092	0.046	880	70
VOC	Ethyl Benzene	301-U03	Phase 1B	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	301-V01	Phase 1B	7	0.0026 - 1.34	0.27	880	70
VOC	Ethyl Benzene	301-V02	Phase 1B	20	U (0.4) - 0.04	0.031	880	70
VOC	Ethyl Benzene	301-V04	Phase 1A	30	U (1.3) - 14	0.71	880	70
VOC	Ethyl Benzene	301-W01	Phase 1B	24	U (0.28) - 1.56	0.079	880	70
VOC	Ethyl Benzene	301-W03	Phase 1A	4	U (0.27)	0.10	880	70
VOC	Ethyl Benzene	301-X01	Phase 1B	11	U (0.4)	0.036	880	70
VOC	Ethyl Benzene	301-X03	Phase 1A	3	U (0.25)	0.079	880	70
VOC	Ethyl Benzene	301-Y01	Phase 1B	10	U (0.1) - 2.65	0.27	880	70
VOC	Ethyl Benzene	301-Y02	Phase 1B	4	U (0.029)	0.013	880	70
VOC	Ethyl Benzene	301-Y03	Phase 1A	2	0.0012 - 14.7	7.4	880	70
VOC	Ethyl Benzene	301-Y04	Phase 1A	3	U (0.28)	0.092	880	70
VOC	Ethyl Benzene	301-Y05	Phase 1A	6	0.11 - 8.4	2.6	880	70
VOC	Ethyl Benzene	301-Z01	Phase 1B	6	U (0.0011) - 0.00097	0.00059	880	70
VOC	Ethyl Benzene	301-Z02	Phase 1B	2	U (0.005)	0.0013	880	70
VOC	Ethyl Benzene	301-Z03	Phase 1B	5	U (0.21) - 1.91	0.40	880	70
VOC	Ethyl Benzene	301-Z04	Phase 1A	14	0.031 - 13	2.6	880	70
VOC	Ethyl Benzene	302-AD02	Phase 1C	2	U (0.004)	0.0011	880	70
VOC	Ethyl Benzene	302-AD06	Phase 1B	12	U (0.1) - 0.13	0.015	880	70
VOC	Ethyl Benzene	302-AD07	Phase 1B	2	U (0.0013)	0.00055	880	70
VOC	Ethyl Benzene	302-AD08	Phase 1A	2	U (0.0012)	0.00058	880	70
VOC	Ethyl Benzene	302-AD09	Phase 1A	3	U (0.0011)	0.00052	880	70
VOC	Ethyl Benzene	302-AD10	Phase 1A	4	0.00024 - 26	12	880	70
VOC	Ethyl Benzene	302-AE01	Phase 1C	1	U (0.006)	0.0030	880	70
VOC	Ethyl Benzene	302-AE02	Phase 1C	2	U (0.007)	0.0028	880	70
VOC	Ethyl Benzene	302-AE03	Phase 1B	4	0.22 - 1.3	0.50	880	70
VOC	Ethyl Benzene	302-AE04	Phase 1B	8	0.00054 - 0.098	0.017	880	70
VOC	Ethyl Benzene	302-AE05	Phase 1B	20	0.00019 - 0.016	0.0018	880	70
VOC	Ethyl Benzene	302-AE07	Phase 1B	3	0.00081 - 0.00081	0.016	880	70
VOC	Ethyl Benzene	302-AE08	Phase 1B	3	U (0.001) - 0.00014	0.00038	880	70
VOC	Ethyl Benzene	302-AE09	Phase 1A	4	U (0.00095)	0.00046	880	70
VOC	Ethyl Benzene	302-AF01	Phase 1C	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	302-AF02	Phase 1C	4	U (0.007)	0.0028	880	70
VOC	Ethyl Benzene	302-AF03	Phase 1B	2	4.5 - 4.5	2.6	880	70
VOC	Ethyl Benzene	302-AF04	Phase 1B	22	U (0.12) - 1.9	0.12	880	70
VOC	Ethyl Benzene	302-AF05	Phase 1B	2	21.5 - 21.5	11	880	70
VOC	Ethyl Benzene	302-AF06	Phase 1A	9	U (0.3) - 66	7.3	880	70
VOC	Ethyl Benzene	302-AF09	Phase 1B	5	U (0.1) - 1.25	0.25	880	70
VOC	Ethyl Benzene	302-AG02	Phase 1C	2	U (1.7)	0.43	880	70
VOC	Ethyl Benzene	302-AG04	Phase 1B	9	U (0.14) - 0.813	0.16	880	70
VOC	Ethyl Benzene	302-AG06	Phase 1B	5	U (0.21) - 1.43	0.31	880	70
VOC	Ethyl Benzene	302-AG07	Phase 1A	14	U (0.057) - 0.00071	0.013	880	70
VOC	Ethyl Benzene	302-AG08	Phase 1B	6	0.22 - 8.3	1.5	880	70
VOC	Ethyl Benzene	302-AH01	Phase 1C	2	U (0.005)	0.0015	880	70
VOC	Ethyl Benzene	302-AH03	Phase 1C	2	U (0.064)	0.031	880	70
VOC	Ethyl Benzene	302-AH04	Phase 1B	8	U (0.067) - 0.62	0.17	880	70
VOC	Ethyl Benzene	302-AH05	Phase 1B	11	0.00035 - 3.6	0.49	880	70
VOC	Ethyl Benzene	302-AH06	Phase 1B	4	U (0.0013)	0.00062	880	70
VOC	Ethyl Benzene	302-AH07	Phase 1B	21	U (0.063)	0.012	880	70
VOC	Ethyl Benzene	302-AH08	Phase 1B	13	U (0.061)	0.028	880	70
VOC	Ethyl Benzene	302-AI01	Phase 1C	2	0.00055 - 0.00055	0.00058	880	70
VOC	Ethyl Benzene	302-AI03	Phase 1C	1	7.5 - 7.5	7.5	880	70
VOC	Ethyl Benzene	302-AI04	Phase 1C	2	U (0.061)	0.029	880	70
VOC	Ethyl Benzene	302-AI05	Phase 1B	12	U (0.11) - 0.57	0.057	880	70
VOC	Ethyl Benzene	302-AI06	Phase 1B	19	U (0.1) - 0.214	0.014	880	70
VOC	Ethyl Benzene	302-AI07	Phase 1B	10	U (0.51) - 0.00835	0.041	880	70
VOC	Ethyl Benzene	302-AI08	Phase 1B	2	0.186 - 0.186	0.094	880	70
VOC	Ethyl Benzene	302-AI09	Phase 1B	3	U (0.00089)	0.00037	880	70
VOC	Ethyl Benzene	302-AJ04	Phase 1C	1	U (0.051)	0.026	880	70
VOC	Ethyl Benzene	302-AJ05	Phase 1B	2	U (0.0012)	0.00058	880	70
VOC	Ethyl Benzene	302-AJ06	Phase 1B	5	U (0.0018) - 0.001	0.00067	880	70
VOC	Ethyl Benzene	302-AJ09	Phase 1A	2	U (0.054)	0.027	880	70
VOC	Ethyl Benzene	302-AK05	Phase 1B	5	U (0.058)	0.017	880	70

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Ethyl Benzene	302-AK06	Phase 1A	1	U (0.057)	0.029	880	70
VOC	Ethyl Benzene	302-AK07	Phase 1B	13	U (0.202) - 1.8	0.22	880	70
VOC	Ethyl Benzene	302-AL01	Phase 1C	11	U (8.8) - 0.0434	0.61	880	70
VOC	Ethyl Benzene	302-AL03	Phase 1B	2	0.612 - 0.612	0.31	880	70
VOC	Ethyl Benzene	302-AL05	Phase 1B	11	U (0.13) - 0.068	0.042	880	70
VOC	Ethyl Benzene	302-AL06	Phase 1A	2	U (0.052)	0.025	880	70
VOC	Ethyl Benzene	302-AL08	Phase 1B	2	U (0.0009)	0.00038	880	70
VOC	Ethyl Benzene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	880	70
VOC	Ethyl Benzene	302-AN02	Phase 1A	2	U (0.0012)	0.00057	880	70
VOC	Ethyl Benzene	302-AN03	Phase 1B	1	U (0.004)	0.0020	880	70
VOC	Ethyl Benzene	302-AO02	Phase 1B	7	0.011 - 19	3.8	880	70
VOC	Ethyl Benzene	302-AO03	Phase 1A	2	U (0.00127)	0.00060	880	70
VOC	Ethyl Benzene	302-AO05	Phase 1B	1	0.0009 - 0.0009	0.00090	880	70
VOC	Ethyl Benzene	302-AP02	Phase 1B	2	U (0.0013)	0.00063	880	70
VOC	Ethyl Benzene	302-AP03	Phase 1B	23	0.0028 - 0.581	0.035	880	70
VOC	Ethyl Benzene	302-AP04	Phase 1B	3	0.001 - 0.207	0.070	880	70
VOC	Ethyl Benzene	302-AP05	Phase 1B	2	U (0.0014)	0.00068	880	70
VOC	Ethyl Benzene	302-AQ01	Phase 1B	2	U (0.006)	0.0030	880	70
VOC	Ethyl Benzene	302-AQ02	Phase 1A	9	U (0.25) - 5.4	0.67	880	70
VOC	Ethyl Benzene	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	880	70
VOC	Ethyl Benzene	302-AR01	Phase 1B	2	U (0.006)	0.0028	880	70
VOC	Ethyl Benzene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	880	70
VOC	Ethyl Benzene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	302-AS03	Phase 1A	13	U (0.11)	0.0069	880	70
VOC	Ethyl Benzene	302-AS04	Phase 1B	2	U (0.00127)	0.00062	880	70
VOC	Ethyl Benzene	302-AT01	Phase 1B	2	0.0256 - 0.0263	0.026	880	70
VOC	Ethyl Benzene	302-AT02	Phase 1B	2	0.14 - 0.14	0.070	880	70
VOC	Ethyl Benzene	302-AT03	Phase 1B	4	U (0.11)	0.014	880	70
VOC	Ethyl Benzene	302-AU01	Phase 1B	2	U (0.001)	0.00047	880	70
VOC	Ethyl Benzene	302-AU02	Phase 1B	8	U (0.055)	0.0041	880	70
VOC	Ethyl Benzene	302-AU03	Phase 1B	2	U (0.00097)	0.00046	880	70
VOC	Ethyl Benzene	302-AV01	Phase 1A	12	0.00029 - 27	2.5	880	70
VOC	Ethyl Benzene	302-AV02	Phase 1B	4	U (0.054) - 1.7	0.43	880	70
VOC	Ethyl Benzene	302-AV03	Phase 1A	6	U (0.056) - 0.72	0.12	880	70
VOC	Ethyl Benzene	302-AV04	Phase 1B	2	U (0.00126)	0.00062	880	70
VOC	Ethyl Benzene	302-AW01	Phase 1A	12	U (6) - 4.1	0.98	880	70
VOC	Ethyl Benzene	302-AW02	Phase 1B	2	U (0.28)	0.070	880	70
VOC	Ethyl Benzene	302-AW03	Phase 1A	2	U (0.00096)	0.00046	880	70
VOC	Ethyl Benzene	302-AX01	Phase 1A	15	U (1.2) - 47	3.5	880	70
VOC	Ethyl Benzene	302-AX02	Phase 1B	3	U (0.11)	0.019	880	70
VOC	Ethyl Benzene	302-AX05	Phase 1A	2	U (0.00125)	0.00060	880	70
VOC	Ethyl Benzene	302-AY02	Phase 1B	20	0.014 - 75	11	880	70
VOC	Ethyl Benzene	302-AY03	Phase 1B	2	U (0.0013)	0.00058	880	70
VOC	Ethyl Benzene	302-AY05	Phase 1B	2	U (0.00124)	0.00060	880	70
VOC	Ethyl Benzene	302-AZ02	Phase 1B	11	U (4.9) - 30	4.9	880	70
VOC	Ethyl Benzene	302-AZ03	Phase 1B	1	U (0.31)	0.16	880	70
VOC	Ethyl Benzene	302-AZ05	Phase 1A	3	U (0.005)	0.0013	880	70
VOC	Ethyl Benzene	302-BA03	Phase 1B	1	U (0.009)	0.0045	880	70
VOC	Ethyl Benzene	302-BA05	Phase 1A	2	0.0224 - 11.2	5.6	880	70
VOC	Ethyl Benzene	302-BB06	Phase 1A	5	U (0.06) - 0.016	0.0094	880	70
VOC	Ethyl Benzene	302-BB07	Phase 1B	49	0.00039 - 520	42	880	70
VOC	Ethyl Benzene	302-BB08	Phase 1B	1	U (0.005)	0.0025	880	70
VOC	Ethyl Benzene	302-BC05	Phase 1A	19	U (0.067) - 0.12	0.0082	880	70
VOC	Ethyl Benzene	302-BC06	Phase 1B	8	0.51 - 220	28	880	70
VOC	Ethyl Benzene	302-BD05	Phase 1A	4	U (0.0011)	0.00053	880	70
VOC	Ethyl Benzene	302-BE04	Phase 1A	5	U (0.006)	0.0014	880	70
VOC	Ethyl Benzene	303-AY01	Phase 1A	4	U (0.005) - 0.00021	0.0012	880	70
VOC	Ethyl Benzene	303-AZ01	Phase 1A	5	U (5.2) - 2	0.98	880	70
VOC	Ethyl Benzene	303-BA01	Phase 1A	8	U (0.0019) - 0.00036	0.00055	880	70
VOC	Ethyl Benzene	303-BA02	Phase 1A	11	U (0.49) - 2.5	0.35	880	70
VOC	Ethyl Benzene	303-BB01	Phase 1A	2	U (0.005)	0.0023	880	70
VOC	Ethyl Benzene	303-BB02	Phase 1A	5	0.00076 - 0.00076	0.065	880	70
VOC	Ethyl Benzene	303-BC01	Phase 1A	4	U (0.0011) - 0.00057	0.00052	880	70
VOC	Ethyl Benzene	303-BD04	Phase 1A	13	U (0.26) - 12	1.9	880	70
VOC	Ethyl Benzene	303-BE03	Phase 1A	42	0.0006 - 4.1	0.36	880	70
VOC	Ethyl Benzene	303-BF05	Phase 1A	20	U (1.1) - 7.8	0.58	880	70
VOC	Ethyl Benzene	303-BG04	Phase 1A	28	U (4.3) - 89	5.7	880	70
VOC	Ethyl Benzene	303-BH02	Phase 1A	25	0.0003 - 23	1.2	880	70
VOC	Ethyl Benzene	303-BI03	Phase 1A	6	0.00028 - 0.00035	0.00062	880	70
VOC	Ethyl Benzene	303-BJ01	Phase 1A	3	0.0012 - 0.046	0.023	880	70
VOC	Ethyl Benzene	303-BJ02	Phase 1A	3	U (0.0013)	0.00051	880	70
VOC	Ethyl Benzene	303-BK03	Phase 1A	7	0.087 - 0.23	0.073	880	70
VOC	Ethyl Benzene	303-BL02	Phase 1A	13	0.0004 - 0.34	0.029	880	70
VOC	Ethyl Benzene	303-BM02	Phase 1A	2	0.00094 - 0.00094	0.0017	880	70
VOC	Ethyl Benzene	303-BN02	Phase 1A	15	U (0.25) - 0.12	0.029	880	70
VOC	Ethyl Benzene	303-BN03	Phase 1A	14	U (0.34) - 0.395	0.063	880	70
VOC	Ethyl Benzene	303-BO02	Phase 1A	17	0.00061 - 0.136	0.49	880	70
VOC	Ethyl Benzene	303-BP02	Phase 1A	45	0.00019 - 120	15	880	70
VOC	Ethyl Benzene	303-BQ01	Phase 1A	4	U (0.42)	0.070	880	70
VOC	Ethyl Benzene	303-BQ02	Phase 1A	25	0.0021 - 120	20	880	70
VOC	Ethyl Benzene	303-BR02	Phase 1A	8	0.0258 - 0.3	0.10	880	70
VOC	Ethyl Benzene	303-BT01	Phase 1A	13	U (2.9) - 0.72	0.072	880	70
VOC	Ethyl Benzene	303-BW01	Phase 1A	2	0.0679 - 0.0679	0.13	880	70

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Ethyl Benzene	ParcelB-01	Innovation Campus, Parcel B	2	U (3.1)	0.83	880	70
VOC	Ethyl Benzene	ParcelB-02	Innovation Campus, Parcel B	6	U (0.491) - 0.0857	0.089	880	70
VOC	Ethyl Benzene	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24) - 0.25	0.084	880	70
VOC	Ethyl Benzene	ParcelB-04	Innovation Campus, Parcel B	3	U (0.44)	0.14	880	70
VOC	Ethyl Benzene	ParcelB-06	Innovation Campus, Parcel B	2	U (0.189)	0.048	880	70
VOC	Ethyl Benzene	ParcelB-07	Innovation Campus, Parcel B	6	U (0.23)	0.041	880	70
VOC	Ethyl Benzene	ParcelB-08	Innovation Campus, Parcel B	2	U (0.522)	0.13	880	70
VOC	Ethyl Benzene	ParcelB-10	Innovation Campus, Parcel B	3	U (0.38)	0.087	880	70
VOC	Ethyl Benzene	ParcelB-12	Innovation Campus, Parcel B	2	U (0.38)	0.15	880	70
VOC	Ethyl Benzene	ParcelB-13	Innovation Campus, Parcel B	2	U (0.4)	0.15	880	70
VOC	Ethyl Benzene	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38) - 0.0255	0.072	880	70
VOC	Ethyl Benzene	ParcelB-15	Innovation Campus, Parcel B	2	0.652 - 0.652	0.33	880	70
VOC	Ethyl Benzene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	880	70
VOC	Ethyl Benzene	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	880	70
VOC	Ethyl Benzene	ParcelB-20	Innovation Campus, Parcel B	3	6.6 - 6.6	2.3	880	70
VOC	Ethyl Benzene	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24)	0.040	880	70
VOC	Ethyl Benzene	101-D20-C	Innovation Campus	20	U (0.0387) - 0.00032	0.0015	880	70
VOC	Ethyl Benzene	101-G24-C	Innovation Campus	2	U (0.00141)	0.00063	880	70
VOC	Ethyl Benzene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	880	70
VOC	Ethyl Benzene	101-H24-C	Innovation Campus	2	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	101-I23-C	Innovation Campus	1	U (0.23)	0.12	880	70
VOC	Ethyl Benzene	101-I25-C	Innovation Campus	2	U (0.11)	0.028	880	70
VOC	Ethyl Benzene	101-J23-C	Innovation Campus	2	U (0.099)	0.025	880	70
VOC	Ethyl Benzene	101-L31-C	Innovation Campus	2	U (0.00132)	0.00065	880	70
VOC	Ethyl Benzene	101-U37-C	Innovation Campus	5	U (0.18)	0.021	880	70
VOC	Ethyl Benzene	102-E08-C	Innovation Campus	3	U (0.44)	0.14	880	70
VOC	Ethyl Benzene	102-G23-C	Innovation Campus	2	U (0.0276)	0.0073	880	70
VOC	Ethyl Benzene	103-A10-C	Innovation Campus	6	U (0.522)	0.11	880	70
VOC	Ethyl Benzene	103-A10-S	Innovation Campus	2	U (0.522)	0.13	880	70
VOC	Ethyl Benzene	103-A14-S	Innovation Campus	1	U (0.38)	0.19	880	70
VOC	Ethyl Benzene	103-A15-S	Innovation Campus	2	U (0.139)	0.035	880	70
VOC	Ethyl Benzene	103-A17-S	Innovation Campus	1	U (0.23)	0.12	880	70
VOC	Ethyl Benzene	103-H01-C	Innovation Campus	2	U (0.4)	0.15	880	70
VOC	Ethyl Benzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.0255	0.013	880	70
VOC	Ethyl Benzene	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	880	70
VOC	Ethyl Benzene	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	880	70
VOC	Ethyl Benzene	LS-A-A03	Innovation Campus	1	U (0.0014)	0.00070	880	70
VOC	Ethyl Benzene	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	880	70
VOC	Ethyl Benzene	LS-A-B02	Innovation Campus	14	0.00025 - 0.00052	0.00047	880	70
VOC	Ethyl Benzene	LS-A-B03	Innovation Campus	4	1.21 - 1.21	0.30	880	70
VOC	Ethyl Benzene	LS-A-C01	Innovation Campus	28	U (0.22) - 0.0006	0.0057	880	70
VOC	Ethyl Benzene	LS-A-C02	Innovation Campus	12	U (0.3) - 0.114	0.032	880	70
VOC	Ethyl Benzene	LS-A-C04	Innovation Campus	3	U (0.21)	0.039	880	70
VOC	Ethyl Benzene	LS-A-D01	Innovation Campus	5	0.0482 - 1.6	0.39	880	70
VOC	Ethyl Benzene	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	880	70
VOC	Ethyl Benzene	LS-A-D03	Innovation Campus	3	U (0.26)	0.044	880	70
VOC	Ethyl Benzene	LS-A-D04	Innovation Campus	2	U (0.00122)	0.00058	880	70
VOC	Ethyl Benzene	LS-A-D05	Innovation Campus	6	U (0.27) - 0.0397	0.049	880	70
VOC	Ethyl Benzene	LS-A-D06	Innovation Campus	2	U (0.0265)	0.0069	880	70
VOC	Ethyl Benzene	LS-A-D07	Innovation Campus	2	0.375 - 0.375	0.19	880	70
VOC	Ethyl Benzene	LS-A-E01	Innovation Campus	3	U (3.1)	0.53	880	70
VOC	Ethyl Benzene	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	880	70
VOC	Ethyl Benzene	LS-A-E04	Innovation Campus	2	0.0445 - 0.355	0.20	880	70
VOC	Ethyl Benzene	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	880	70
VOC	Ethyl Benzene	LS-A-E07	Innovation Campus	7	U (1.8)	0.27	880	70
VOC	Ethyl Benzene	LS-A-E08	Innovation Campus	6	U (0.77)	0.15	880	70
VOC	Ethyl Benzene	LS-A-F01	Innovation Campus	3	U (0.633)	0.15	880	70
VOC	Ethyl Benzene	LS-A-F02	Innovation Campus	3	6.6 - 6.6	2.3	880	70
VOC	Ethyl Benzene	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	880	70
VOC	Ethyl Benzene	LS-A-F04	Innovation Campus	12	U (0.37)	0.044	880	70
VOC	Ethyl Benzene	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	880	70
VOC	Ethyl Benzene	LS-A-G01	Innovation Campus	3	U (3.1)	0.56	880	70
VOC	Ethyl Benzene	LS-A-G02	Innovation Campus	2	U (0.734)	0.23	880	70
VOC	Ethyl Benzene	LS-A-G03	Innovation Campus	3	0.652 - 0.652	0.28	880	70
VOC	Ethyl Benzene	LS-A-G07	Innovation Campus	3	U (0.24)	0.040	880	70
VOC	Ethyl Benzene	LS-A-G08	Innovation Campus	2	U (0.00125) - 0.0124	0.0065	880	70
VOC	Ethyl Benzene	LS-A-H03	Innovation Campus	2	U (0.00118)	0.00059	880	70
VOC	Ethyl Benzene	LS-A-H04	Innovation Campus	2	U (0.0207)	0.0055	880	70
VOC	Ethyl Benzene	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	880	70
VOC	Ethyl Benzene	LS-A-H07	Innovation Campus	2	U (0.0184) - 0.403	0.21	880	70
VOC	Ethyl Benzene	LS-A-I01	Innovation Campus	6	U (0.38)	0.069	880	70
VOC	Ethyl Benzene	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	880	70
VOC	Ethyl Benzene	LS-A-I03	Innovation Campus	3	U (0.22)	0.060	880	70
VOC	Ethyl Benzene	LS-B-B01	Innovation Campus	1	U (0.0017)	0.00085	880	70
VOC	Ethyl Benzene	LS-B-C01	Innovation Campus	3	U (0.25)	0.049	880	70
VOC	Ethyl Benzene	LS-B-E01	Innovation Campus	4	U (0.27) - 1.74	0.68	880	70
VOC	Ethyl Benzene	LS-B-G02	Innovation Campus	1	U (0.00138)	0.00069	880	70
VOC	Ethyl Benzene	LS-B-H02	Innovation Campus	3	U (0.29) - 0.34	0.15	880	70
VOC	Ethyl Benzene	LS-E-B01	Innovation Campus	77	U (1.34) - 2.3	0.13	880	70
VOC	Ethyl Benzene	LS-E-G01	Innovation Campus	4	U (0.23)	0.058	880	70
VOC	Methyl tert-butyl ether	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.11)	0.028	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-08	Major Amendment 3 Resampling	2	U (0.11)	0.053	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-10	Major Amendment 3 Resampling	15	0.017 - 1.6	0.26	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	401-MA3-1-11	Major Amendment 3 Resampling	18	0.0023 - 2.6	0.33	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.24)	0.022	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.005)	0.0012	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.091)	0.015	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-15	Major Amendment 3 Resampling	11	U (1.1) - 0.00041	0.084	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-16	Major Amendment 3 Resampling	1	U (0.12)	0.060	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-17	Major Amendment 3 Resampling	7	U (0.26) - 0.0013	0.072	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-21	Major Amendment 3 Resampling	8	U (6)	0.45	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.038)	0.011	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.32)	0.055	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.00085)	0.00043	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.091)	0.010	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65)	0.49	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33)	0.15	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.33)	0.13	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-56	Major Amendment 3 Resampling	2	U (0.24)	0.061	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32)	0.073	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.31)	0.028	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	8500	2
VOC	Methyl tert-butyl ether	401-MA3-1-72	Major Amendment 3 Resampling	4	U (0.6)	0.088	8500	2
VOC	Methyl tert-butyl ether	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 0.0009	0.021	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-01	Major Amendment 3 Resampling	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0023)	0.0010	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.12)	0.018	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0024)	0.0010	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29)	0.037	8500	2
VOC	Methyl tert-butyl ether	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.12)	0.016	8500	2
VOC	Methyl tert-butyl ether	404-MA3-1-01	Major Amendment 3 Resampling	22	U (1.3) - 0.00041	0.047	8500	2
VOC	Methyl tert-butyl ether	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.36)	0.036	8500	2
VOC	Methyl tert-butyl ether	404-MA3-1-03	Major Amendment 3 Resampling	4	U (0.23)	0.049	8500	2
VOC	Methyl tert-butyl ether	404-MA3-1-05	Major Amendment 3 Resampling	68	U (34)	0.66	8500	2
VOC	Methyl tert-butyl ether	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.24)	0.022	8500	2
VOC	Methyl tert-butyl ether	401-A01	Major Amendment 3	4	U (0.11)	0.028	8500	2
VOC	Methyl tert-butyl ether	401-E02	Major Amendment 3	35	U (0.95) - 2.6	0.29	8500	2
VOC	Methyl tert-butyl ether	401-F01	Major Amendment 3	8	U (0.24)	0.022	8500	2
VOC	Methyl tert-butyl ether	401-G01	Major Amendment 3	3	U (0.005)	0.0012	8500	2
VOC	Methyl tert-butyl ether	401-H01	Major Amendment 3	3	U (0.091)	0.015	8500	2
VOC	Methyl tert-butyl ether	401-H02	Major Amendment 3	19	U (1.1) - 0.0013	0.078	8500	2
VOC	Methyl tert-butyl ether	401-I01	Major Amendment 3	1	U (5.3)	2.7	8500	2
VOC	Methyl tert-butyl ether	401-J01	Major Amendment 3	8	U (6)	0.45	8500	2
VOC	Methyl tert-butyl ether	401-K01	Major Amendment 3	5	U (0.46)	0.091	8500	2
VOC	Methyl tert-butyl ether	401-L01	Major Amendment 3	2	U (0.038)	0.011	8500	2
VOC	Methyl tert-butyl ether	401-L02	Major Amendment 3	6	U (0.32)	0.029	8500	2
VOC	Methyl tert-butyl ether	401-N01	Major Amendment 3	2	U (0.24)	0.12	8500	2
VOC	Methyl tert-butyl ether	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	8500	2
VOC	Methyl tert-butyl ether	401-P01	Major Amendment 3	5	U (0.091)	0.010	8500	2
VOC	Methyl tert-butyl ether	401-Q01	Major Amendment 3	33	U (1) - 0.0075	0.074	8500	2
VOC	Methyl tert-butyl ether	401-R01	Major Amendment 3	4	U (0.6)	0.088	8500	2
VOC	Methyl tert-butyl ether	402-A01	Major Amendment 3	41	U (0.25) - 0.034	0.024	8500	2
VOC	Methyl tert-butyl ether	402-B01	Major Amendment 3	97	U (1.3) - 0.001	0.067	8500	2
VOC	Methyl tert-butyl ether	402-C01	Major Amendment 3	3	U (0.005)	0.0022	8500	2
VOC	Methyl tert-butyl ether	403-A01	Major Amendment 3	2	U (0.00124)	0.00060	8500	2
VOC	Methyl tert-butyl ether	403-B01	Major Amendment 3	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	403-C01	Major Amendment 3	5	U (0.22)	0.023	8500	2
VOC	Methyl tert-butyl ether	403-C02	Major Amendment 3	4	U (0.0023)	0.0010	8500	2
VOC	Methyl tert-butyl ether	403-D01	Major Amendment 3	13	U (0.12)	0.018	8500	2
VOC	Methyl tert-butyl ether	403-E01	Major Amendment 3	4	U (0.12)	0.016	8500	2
VOC	Methyl tert-butyl ether	403-F01	Major Amendment 3	7	U (0.23) - 0.0032	0.017	8500	2
VOC	Methyl tert-butyl ether	403-G01	Major Amendment 3	2	U (0.004)	0.0012	8500	2
VOC	Methyl tert-butyl ether	404-A01	Major Amendment 3	19	U (0.008) - 0.0026	0.0014	8500	2
VOC	Methyl tert-butyl ether	404-B01	Major Amendment 3	24	U (0.15)	0.0070	8500	2
VOC	Methyl tert-butyl ether	404-B02	Major Amendment 3	11	U (0.24)	0.012	8500	2
VOC	Methyl tert-butyl ether	404-C01	Major Amendment 3	3	U (0.3)	0.11	8500	2
VOC	Methyl tert-butyl ether	404-D01	Major Amendment 3	6	U (0.16)	0.035	8500	2
VOC	Methyl tert-butyl ether	404-E01	Major Amendment 3	30	U (1.5)	0.15	8500	2
VOC	Methyl tert-butyl ether	404-F01	Major Amendment 3	22	U (1.6)	0.19	8500	2
VOC	Methyl tert-butyl ether	201-A01	Phase 1A	7	0.0005 - 67.5	11	8500	2
VOC	Methyl tert-butyl ether	201-A02	Phase 1A	14	0.00037 - 6.8	2.6	8500	2
VOC	Methyl tert-butyl ether	201-A03	Phase 1A	7	0.00064 - 16	6.2	8500	2
VOC	Methyl tert-butyl ether	201-A04	Phase 1A	31	0.00027 - 21	3.1	8500	2
VOC	Methyl tert-butyl ether	201-A05	Phase 1A	9	U (2.3) - 3	0.64	8500	2
VOC	Methyl tert-butyl ether	201-A06	Phase 1A	10	U (0.47) - 0.76	0.12	8500	2
VOC	Methyl tert-butyl ether	201-A07	Phase 1A	12	0.015 - 22	3.4	8500	2
VOC	Methyl tert-butyl ether	201-A08	Phase 1A	7	0.014 - 0.02	0.059	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	201-A09	Phase 1A	8	U (3.6) - 12	2.0	8500	2
VOC	Methyl tert-butyl ether	201-A10	Phase 1A	8	U (0.19) - 0.012	0.023	8500	2
VOC	Methyl tert-butyl ether	201-A11	Phase 1A	8	U (7) - 0.0018	0.46	8500	2
VOC	Methyl tert-butyl ether	201-A12	Phase 1A	16	0.00044 - 0.11	0.044	8500	2
VOC	Methyl tert-butyl ether	201-A13	Phase 1A	17	U (3.1) - 1	0.23	8500	2
VOC	Methyl tert-butyl ether	201-A14	Phase 1A	21	U (0.27) - 0.0047	0.060	8500	2
VOC	Methyl tert-butyl ether	201-A15	Phase 1A	8	U (0.84) - 0.019	0.12	8500	2
VOC	Methyl tert-butyl ether	201-B01	Phase 1A	4	U (0.17) - 0.066	0.070	8500	2
VOC	Methyl tert-butyl ether	201-B02	Phase 1A	10	U (3.4) - 0.59	0.44	8500	2
VOC	Methyl tert-butyl ether	201-B03	Phase 1A	1	U (0.14)	0.070	8500	2
VOC	Methyl tert-butyl ether	201-B04	Phase 1A	11	0.0004 - 0.42	0.14	8500	2
VOC	Methyl tert-butyl ether	201-B05	Phase 1A	3	U (0.15)	0.067	8500	2
VOC	Methyl tert-butyl ether	201-B06	Phase 1A	1	U (0.26)	0.13	8500	2
VOC	Methyl tert-butyl ether	201-B07	Phase 1A	14	U (0.67)	0.11	8500	2
VOC	Methyl tert-butyl ether	201-B08	Phase 1A	10	U (0.13) - 0.0088	0.012	8500	2
VOC	Methyl tert-butyl ether	201-B09	Phase 1A	10	U (1.1) - 0.92	0.13	8500	2
VOC	Methyl tert-butyl ether	201-B11	Phase 1A	31	0.00024 - 0.03	0.025	8500	2
VOC	Methyl tert-butyl ether	201-B12	Phase 1A	18	0.00026 - 0.0088	0.058	8500	2
VOC	Methyl tert-butyl ether	201-C01	Phase 1A	15	U (3) - 0.048	0.19	8500	2
VOC	Methyl tert-butyl ether	201-C02	Phase 1A	2	U (0.0022)	0.0011	8500	2
VOC	Methyl tert-butyl ether	201-C04	Phase 1A	14	U (0.52)	0.064	8500	2
VOC	Methyl tert-butyl ether	201-C05	Phase 1A	3	0.0042 - 0.0042	0.12	8500	2
VOC	Methyl tert-butyl ether	201-C06	Phase 1A	14	U (0.26)	0.038	8500	2
VOC	Methyl tert-butyl ether	201-C07	Phase 1A	11	U (0.79)	0.17	8500	2
VOC	Methyl tert-butyl ether	201-C08	Phase 1A	19	0.0083 - 0.019	0.27	8500	2
VOC	Methyl tert-butyl ether	201-C09	Phase 1A	7	U (0.093)	0.0076	8500	2
VOC	Methyl tert-butyl ether	201-C10	Phase 1A	4	U (0.225)	0.029	8500	2
VOC	Methyl tert-butyl ether	201-C11	Phase 1A	1	U (0.092)	0.046	8500	2
VOC	Methyl tert-butyl ether	201-D01	Phase 1A	4	U (0.0061)	0.0023	8500	2
VOC	Methyl tert-butyl ether	201-D05	Phase 1A	8	U (3.5)	0.24	8500	2
VOC	Methyl tert-butyl ether	201-D08	Phase 1A	1	U (0.0011)	0.00055	8500	2
VOC	Methyl tert-butyl ether	201-D12	Phase 1A	3	U (0.0023)	0.0010	8500	2
VOC	Methyl tert-butyl ether	201-E01	Phase 1A	65	U (0.91) - 0.21	0.071	8500	2
VOC	Methyl tert-butyl ether	201-E02	Phase 1A	1	U (0.002)	0.0010	8500	2
VOC	Methyl tert-butyl ether	201-E03	Phase 1A	3	U (0.0045)	0.0019	8500	2
VOC	Methyl tert-butyl ether	201-E04	Phase 1A	3	U (0.0019)	0.00073	8500	2
VOC	Methyl tert-butyl ether	201-E05	Phase 1A	26	U (1.3) - 0.00032	0.080	8500	2
VOC	Methyl tert-butyl ether	201-F01	Phase 1A	51	U (0.45)	0.037	8500	2
VOC	Methyl tert-butyl ether	201-F02	Phase 1A	7	U (0.22)	0.027	8500	2
VOC	Methyl tert-butyl ether	201-F03	Phase 1A	31	U (3.3)	0.15	8500	2
VOC	Methyl tert-butyl ether	201-F04	Phase 1A	20	U (1.5)	0.11	8500	2
VOC	Methyl tert-butyl ether	202-A03	Phase 1A	8	U (0.38) - 0.0016	0.037	8500	2
VOC	Methyl tert-butyl ether	202-A05	Phase 1A	4	U (0.0022)	0.0011	8500	2
VOC	Methyl tert-butyl ether	202-A06	Phase 1A	4	U (0.002)	0.00091	8500	2
VOC	Methyl tert-butyl ether	202-A07	Phase 1A	3	U (0.0023)	0.0010	8500	2
VOC	Methyl tert-butyl ether	202-A08	Phase 1A	3	0.00032 - 0.0042	0.0019	8500	2
VOC	Methyl tert-butyl ether	202-A09	Phase 1A	6	0.00048 - 0.002	0.0014	8500	2
VOC	Methyl tert-butyl ether	202-B01	Phase 1A	2	U (0.0049)	0.0020	8500	2
VOC	Methyl tert-butyl ether	202-B03	Phase 1A	15	U (0.21) - 0.0012	0.015	8500	2
VOC	Methyl tert-butyl ether	202-B04	Phase 1A	3	U (0.0021)	0.0010	8500	2
VOC	Methyl tert-butyl ether	202-B09	Phase 1A	9	U (0.13) - 0.0051	0.0087	8500	2
VOC	Methyl tert-butyl ether	202-C04	Phase 1A	7	U (0.0043)	0.0014	8500	2
VOC	Methyl tert-butyl ether	202-C06	Phase 1A	1	0.00054 - 0.00054	0.00054	8500	2
VOC	Methyl tert-butyl ether	202-C07	Phase 1A	1	U (0.00088)	0.00044	8500	2
VOC	Methyl tert-butyl ether	202-C10	Phase 1A	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	202-D05	Phase 1A	3	U (0.11)	0.035	8500	2
VOC	Methyl tert-butyl ether	202-D06	Phase 1A	3	U (0.00088)	0.00044	8500	2
VOC	Methyl tert-butyl ether	202-E06	Phase 1A	2	U (0.0032)	0.0013	8500	2
VOC	Methyl tert-butyl ether	202-E08	Phase 1A	11	0.00054 - 0.00054	0.0059	8500	2
VOC	Methyl tert-butyl ether	202-E09	Phase 1A	13	U (0.14)	0.016	8500	2
VOC	Methyl tert-butyl ether	202-E10	Phase 1A	4	U (0.0021) - 0.0003	0.00081	8500	2
VOC	Methyl tert-butyl ether	202-E12	Phase 1A	2	U (0.0022)	0.0010	8500	2
VOC	Methyl tert-butyl ether	202-F04	Phase 1A	7	U (0.13) - 0.00074	0.010	8500	2
VOC	Methyl tert-butyl ether	202-F05	Phase 1A	1	U (0.0022)	0.0011	8500	2
VOC	Methyl tert-butyl ether	202-F07	Phase 1A	9	U (0.51)	0.066	8500	2
VOC	Methyl tert-butyl ether	202-F08	Phase 1A	3	U (0.005)	0.0016	8500	2
VOC	Methyl tert-butyl ether	202-F10	Phase 1A	2	U (0.11)	0.028	8500	2
VOC	Methyl tert-butyl ether	202-F13	Phase 1A	1	U (0.006)	0.0030	8500	2
VOC	Methyl tert-butyl ether	202-F14	Phase 1A	2	U (0.0011)	0.00050	8500	2
VOC	Methyl tert-butyl ether	202-F16	Phase 1A	2	U (0.005)	0.0015	8500	2
VOC	Methyl tert-butyl ether	202-F17	Phase 1A	8	U (0.0043)	0.0014	8500	2
VOC	Methyl tert-butyl ether	202-G01	Phase 1A	8	U (0.0023)	0.0010	8500	2
VOC	Methyl tert-butyl ether	202-G02	Phase 1A	13	U (0.13)	0.0059	8500	2
VOC	Methyl tert-butyl ether	202-G03	Phase 1A	9	U (0.0024)	0.00092	8500	2
VOC	Methyl tert-butyl ether	202-G04	Phase 1A	1	U (0.0012)	0.00060	8500	2
VOC	Methyl tert-butyl ether	202-G05	Phase 1A	1	U (0.0009)	0.00045	8500	2
VOC	Methyl tert-butyl ether	202-G07	Phase 1A	16	U (0.15)	0.0058	8500	2
VOC	Methyl tert-butyl ether	202-H03	Phase 1A	6	U (0.59)	0.11	8500	2
VOC	Methyl tert-butyl ether	202-H05	Phase 1A	1	U (0.0011)	0.00055	8500	2
VOC	Methyl tert-butyl ether	202-H06	Phase 1A	2	U (0.0013)	0.00058	8500	2
VOC	Methyl tert-butyl ether	202-H07	Phase 1A	2	U (0.0011)	0.00053	8500	2
VOC	Methyl tert-butyl ether	202-H08	Phase 1A	3	0.00032 - 0.0012	0.00084	8500	2
VOC	Methyl tert-butyl ether	202-H09	Phase 1A	4	U (0.016)	0.0029	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	202-H11	Phase 1A	10	U (0.14) - 0.013	0.015	8500	2
VOC	Methyl tert-butyl ether	202-I01	Phase 1A	2	U (0.0021)	0.0010	8500	2
VOC	Methyl tert-butyl ether	202-I04	Phase 1A	4	0.016 - 0.02	0.010	8500	2
VOC	Methyl tert-butyl ether	202-J01	Phase 1A	6	U (0.12)	0.011	8500	2
VOC	Methyl tert-butyl ether	202-J02	Phase 1A	5	U (0.12)	0.013	8500	2
VOC	Methyl tert-butyl ether	202-J03	Phase 1A	9	U (1.6)	0.25	8500	2
VOC	Methyl tert-butyl ether	202-J04	Phase 1A	8	U (0.34)	0.089	8500	2
VOC	Methyl tert-butyl ether	202-J07	Phase 1A	5	U (0.13)	0.025	8500	2
VOC	Methyl tert-butyl ether	202-J09	Phase 1A	2	U (0.91)	0.23	8500	2
VOC	Methyl tert-butyl ether	301-AA01	Phase 1A	1	U (0.0014)	0.00070	8500	2
VOC	Methyl tert-butyl ether	301-AA02	Phase 1B	2	U (0.001)	0.00049	8500	2
VOC	Methyl tert-butyl ether	301-AA05	Phase 1B	11	U (0.1)	0.013	8500	2
VOC	Methyl tert-butyl ether	301-AA06	Phase 1A	11	U (0.67)	0.052	8500	2
VOC	Methyl tert-butyl ether	301-AA07	Phase 1A	4	U (0.0022) - 0.0061	0.0027	8500	2
VOC	Methyl tert-butyl ether	301-AA08	Phase 1A	3	U (0.28)	0.086	8500	2
VOC	Methyl tert-butyl ether	301-AA09	Phase 1A	3	U (0.48)	0.17	8500	2
VOC	Methyl tert-butyl ether	301-AB04	Phase 1A	3	U (0.09)	0.015	8500	2
VOC	Methyl tert-butyl ether	301-AB05	Phase 1B	6	U (0.22)	0.019	8500	2
VOC	Methyl tert-butyl ether	301-AB06	Phase 1A	2	U (0.0038)	0.0019	8500	2
VOC	Methyl tert-butyl ether	301-AB07	Phase 1A	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	301-AB09	Phase 1A	2	U (0.0059)	0.0026	8500	2
VOC	Methyl tert-butyl ether	301-AC03	Phase 1B	2	U (0.005)	0.0015	8500	2
VOC	Methyl tert-butyl ether	301-AC04	Phase 1A	25	U (0.39)	0.045	8500	2
VOC	Methyl tert-butyl ether	301-AC07	Phase 1A	10	U (0.0028)	0.0011	8500	2
VOC	Methyl tert-butyl ether	301-AC08	Phase 1A	7	U (0.5)	0.037	8500	2
VOC	Methyl tert-butyl ether	301-AC09	Phase 1A	6	U (0.0022)	0.00093	8500	2
VOC	Methyl tert-butyl ether	301-B01	Phase 1A	1	U (0.0058)	0.0029	8500	2
VOC	Methyl tert-butyl ether	301-C01	Phase 1A	3	0.62 - 0.62	0.85	8500	2
VOC	Methyl tert-butyl ether	301-C02	Phase 1A	9	0.017 - 2.9	0.40	8500	2
VOC	Methyl tert-butyl ether	301-D01	Phase 1A	32	0.016 - 120	7.5	8500	2
VOC	Methyl tert-butyl ether	301-E02	Phase 1A	32	U (6.9) - 1.8	0.43	8500	2
VOC	Methyl tert-butyl ether	301-E03	Phase 1A	5	U (0.31) - 0.09	0.060	8500	2
VOC	Methyl tert-butyl ether	301-F02	Phase 1A	8	U (0.6) - 0.12	0.087	8500	2
VOC	Methyl tert-butyl ether	301-G01	Phase 1A	2	U (0.95) - 0.4	0.23	8500	2
VOC	Methyl tert-butyl ether	301-G02	Phase 1A	3	0.0007 - 0.37	0.13	8500	2
VOC	Methyl tert-butyl ether	301-G03	Phase 1A	1	U (0.079)	0.040	8500	2
VOC	Methyl tert-butyl ether	301-H01	Phase 1A	20	0.00066 - 2.6	0.29	8500	2
VOC	Methyl tert-butyl ether	301-H02	Phase 1A	3	0.0009 - 0.004	0.0020	8500	2
VOC	Methyl tert-butyl ether	301-H03	Phase 1A	2	U (0.12)	0.038	8500	2
VOC	Methyl tert-butyl ether	301-I01	Phase 1A	9	U (1.1) - 0.00041	0.085	8500	2
VOC	Methyl tert-butyl ether	301-I02	Phase 1A	1	U (0.13)	0.065	8500	2
VOC	Methyl tert-butyl ether	301-J01	Phase 1A	4	U (0.24)	0.060	8500	2
VOC	Methyl tert-butyl ether	301-J02	Phase 1A	7	U (0.28) - 0.082	0.074	8500	2
VOC	Methyl tert-butyl ether	301-K01	Phase 1A	9	U (0.6) - 0.0013	0.096	8500	2
VOC	Methyl tert-butyl ether	301-K02	Phase 1A	3	U (0.24)	0.082	8500	2
VOC	Methyl tert-butyl ether	301-L01	Phase 1C	7	U (0.32)	0.076	8500	2
VOC	Methyl tert-butyl ether	301-L02	Phase 1A	8	U (6) - 0.00058	0.43	8500	2
VOC	Methyl tert-butyl ether	301-L03	Phase 1A	5	U (0.26)	0.073	8500	2
VOC	Methyl tert-butyl ether	301-M02	Phase 1A	5	U (0.22) - 0.031	0.031	8500	2
VOC	Methyl tert-butyl ether	301-M03	Phase 1A	3	U (0.22)	0.037	8500	2
VOC	Methyl tert-butyl ether	301-N02	Phase 1A	3	U (0.22) - 0.0076	0.073	8500	2
VOC	Methyl tert-butyl ether	301-P02	Phase 1A	2	U (0.13)	0.063	8500	2
VOC	Methyl tert-butyl ether	301-Q04	Phase 1A	6	0.00085 - 0.0011	0.029	8500	2
VOC	Methyl tert-butyl ether	301-R02	Phase 1A	6	U (0.26)	0.024	8500	2
VOC	Methyl tert-butyl ether	301-S02	Phase 1A	4	U (0.0054)	0.0025	8500	2
VOC	Methyl tert-butyl ether	301-T01	Phase 1B	5	U (0.59)	0.10	8500	2
VOC	Methyl tert-butyl ether	301-T02	Phase 1B	2	U (0.6)	0.17	8500	2
VOC	Methyl tert-butyl ether	301-T03	Phase 1C	2	U (0.0072)	0.0032	8500	2
VOC	Methyl tert-butyl ether	301-T04	Phase 1A	2	U (0.3)	0.076	8500	2
VOC	Methyl tert-butyl ether	301-U01	Phase 1B	2	U (0.29)	0.073	8500	2
VOC	Methyl tert-butyl ether	301-U03	Phase 1B	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	301-V01	Phase 1B	7	U (0.1)	0.026	8500	2
VOC	Methyl tert-butyl ether	301-V02	Phase 1B	20	U (0.54)	0.054	8500	2
VOC	Methyl tert-butyl ether	301-V04	Phase 1A	30	U (1.3) - 0.0065	0.074	8500	2
VOC	Methyl tert-butyl ether	301-W01	Phase 1B	24	U (0.29)	0.020	8500	2
VOC	Methyl tert-butyl ether	301-W03	Phase 1A	4	U (0.27)	0.098	8500	2
VOC	Methyl tert-butyl ether	301-X01	Phase 1B	9	U (0.5)	0.056	8500	2
VOC	Methyl tert-butyl ether	301-X03	Phase 1A	3	U (0.25)	0.079	8500	2
VOC	Methyl tert-butyl ether	301-Y01	Phase 1B	5	U (0.1)	0.010	8500	2
VOC	Methyl tert-butyl ether	301-Y03	Phase 1A	2	0.492 - 0.492	0.25	8500	2
VOC	Methyl tert-butyl ether	301-Y04	Phase 1A	3	U (0.28)	0.092	8500	2
VOC	Methyl tert-butyl ether	301-Y05	Phase 1A	6	U (1.2)	0.20	8500	2
VOC	Methyl tert-butyl ether	301-Z01	Phase 1B	6	U (0.0011)	0.00050	8500	2
VOC	Methyl tert-butyl ether	301-Z02	Phase 1B	2	U (0.005)	0.0013	8500	2
VOC	Methyl tert-butyl ether	301-Z03	Phase 1B	5	U (0.21)	0.031	8500	2
VOC	Methyl tert-butyl ether	301-Z04	Phase 1A	14	0.00039 - 0.11	0.073	8500	2
VOC	Methyl tert-butyl ether	302-AD02	Phase 1C	2	U (0.004)	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-AD06	Phase 1B	12	U (0.11)	0.0095	8500	2
VOC	Methyl tert-butyl ether	302-AD07	Phase 1B	2	U (0.0025)	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-AD08	Phase 1A	2	U (0.0024)	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-AD09	Phase 1A	3	U (0.0011)	0.00052	8500	2
VOC	Methyl tert-butyl ether	302-AD10	Phase 1A	4	U (0.24)	0.061	8500	2
VOC	Methyl tert-butyl ether	302-AE04	Phase 1B	8	U (0.15)	0.019	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	302-AE05	Phase 1B	20	U (0.0055)	0.0012	8500	2
VOC	Methyl tert-butyl ether	302-AE07	Phase 1B	3	U (0.095)	0.016	8500	2
VOC	Methyl tert-butyl ether	302-AE08	Phase 1B	3	U (0.0021)	0.0010	8500	2
VOC	Methyl tert-butyl ether	302-AE09	Phase 1A	4	U (0.0019)	0.00091	8500	2
VOC	Methyl tert-butyl ether	302-AF04	Phase 1B	11	U (0.12)	0.012	8500	2
VOC	Methyl tert-butyl ether	302-AF05	Phase 1B	2	U (0.051)	0.013	8500	2
VOC	Methyl tert-butyl ether	302-AF06	Phase 1A	9	U (0.61)	0.035	8500	2
VOC	Methyl tert-butyl ether	302-AF09	Phase 1B	5	U (0.1)	0.010	8500	2
VOC	Methyl tert-butyl ether	302-AG04	Phase 1B	3	U (0.14)	0.024	8500	2
VOC	Methyl tert-butyl ether	302-AG06	Phase 1B	5	U (0.21)	0.031	8500	2
VOC	Methyl tert-butyl ether	302-AG07	Phase 1A	7	U (0.0027) - 0.00047	0.00091	8500	2
VOC	Methyl tert-butyl ether	302-AH01	Phase 1C	2	U (0.005)	0.0015	8500	2
VOC	Methyl tert-butyl ether	302-AH03	Phase 1C	2	U (0.032)	0.016	8500	2
VOC	Methyl tert-butyl ether	302-AH04	Phase 1B	8	U (0.034)	0.016	8500	2
VOC	Methyl tert-butyl ether	302-AH05	Phase 1B	11	U (0.12)	0.026	8500	2
VOC	Methyl tert-butyl ether	302-AH06	Phase 1B	4	U (0.0013) - 0.0177	0.0051	8500	2
VOC	Methyl tert-butyl ether	302-AH07	Phase 1B	12	U (0.005) - 0.014	0.0020	8500	2
VOC	Methyl tert-butyl ether	302-AI01	Phase 1C	2	U (0.0012)	0.00058	8500	2
VOC	Methyl tert-butyl ether	302-AI03	Phase 1C	1	U (0.029)	0.015	8500	2
VOC	Methyl tert-butyl ether	302-AI04	Phase 1C	2	U (0.03)	0.015	8500	2
VOC	Methyl tert-butyl ether	302-AI05	Phase 1B	12	U (0.12) - 0.00057	0.016	8500	2
VOC	Methyl tert-butyl ether	302-AI06	Phase 1B	19	0.00024 - 0.0067	0.0037	8500	2
VOC	Methyl tert-butyl ether	302-AI07	Phase 1B	8	0.0017 - 0.205	0.071	8500	2
VOC	Methyl tert-butyl ether	302-AI08	Phase 1B	2	U (0.099)	0.026	8500	2
VOC	Methyl tert-butyl ether	302-AI09	Phase 1B	3	U (0.00089)	0.00037	8500	2
VOC	Methyl tert-butyl ether	302-AJ04	Phase 1C	1	U (0.025)	0.013	8500	2
VOC	Methyl tert-butyl ether	302-AJ05	Phase 1B	2	U (0.0024)	0.0012	8500	2
VOC	Methyl tert-butyl ether	302-AJ06	Phase 1B	5	U (0.0035) - 0.00043	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-AK05	Phase 1B	2	U (0.00118)	0.00058	8500	2
VOC	Methyl tert-butyl ether	302-AK07	Phase 1B	2	U (0.202)	0.051	8500	2
VOC	Methyl tert-butyl ether	302-AL01	Phase 1C	2	U (0.21)	0.053	8500	2
VOC	Methyl tert-butyl ether	302-AL03	Phase 1B	2	U (0.5)	0.13	8500	2
VOC	Methyl tert-butyl ether	302-AL08	Phase 1B	2	U (0.0009)	0.00038	8500	2
VOC	Methyl tert-butyl ether	302-AN01	Phase 1B	2	U (0.0012)	0.00055	8500	2
VOC	Methyl tert-butyl ether	302-AN02	Phase 1A	2	U (0.0012)	0.00057	8500	2
VOC	Methyl tert-butyl ether	302-AN03	Phase 1B	1	U (0.004)	0.0020	8500	2
VOC	Methyl tert-butyl ether	302-AO03	Phase 1A	2	U (0.00127)	0.00060	8500	2
VOC	Methyl tert-butyl ether	302-AO05	Phase 1B	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	302-AP02	Phase 1B	2	U (0.0013)	0.00063	8500	2
VOC	Methyl tert-butyl ether	302-AP03	Phase 1B	17	U (0.083)	0.0033	8500	2
VOC	Methyl tert-butyl ether	302-AP04	Phase 1B	3	U (0.005)	0.0012	8500	2
VOC	Methyl tert-butyl ether	302-AP05	Phase 1B	2	U (0.0014)	0.00068	8500	2
VOC	Methyl tert-butyl ether	302-AQ01	Phase 1B	2	U (0.006)	0.0030	8500	2
VOC	Methyl tert-butyl ether	302-AQ02	Phase 1A	9	U (0.5) - 0.0035	0.091	8500	2
VOC	Methyl tert-butyl ether	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	8500	2
VOC	Methyl tert-butyl ether	302-AR01	Phase 1B	2	U (0.006)	0.0028	8500	2
VOC	Methyl tert-butyl ether	302-AR02	Phase 1A	4	U (0.0025)	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-AR04	Phase 1B	3	U (0.0011)	0.00050	8500	2
VOC	Methyl tert-butyl ether	302-AS03	Phase 1A	13	U (0.11)	0.0072	8500	2
VOC	Methyl tert-butyl ether	302-AS04	Phase 1B	2	U (0.00127)	0.00062	8500	2
VOC	Methyl tert-butyl ether	302-AT02	Phase 1B	2	U (0.23)	0.058	8500	2
VOC	Methyl tert-butyl ether	302-AT03	Phase 1B	4	U (0.11)	0.014	8500	2
VOC	Methyl tert-butyl ether	302-AU01	Phase 1B	2	U (0.001)	0.00047	8500	2
VOC	Methyl tert-butyl ether	302-AU02	Phase 1B	8	U (0.11)	0.0080	8500	2
VOC	Methyl tert-butyl ether	302-AU03	Phase 1B	2	U (0.0019)	0.00090	8500	2
VOC	Methyl tert-butyl ether	302-AV01	Phase 1A	6	U (0.008) - 0.0009	0.0015	8500	2
VOC	Methyl tert-butyl ether	302-AV02	Phase 1B	4	U (0.11)	0.014	8500	2
VOC	Methyl tert-butyl ether	302-AV03	Phase 1A	6	U (0.11)	0.010	8500	2
VOC	Methyl tert-butyl ether	302-AV04	Phase 1B	2	U (0.00126)	0.00062	8500	2
VOC	Methyl tert-butyl ether	302-AW01	Phase 1A	8	U (0.49)	0.0999	8500	2
VOC	Methyl tert-butyl ether	302-AW02	Phase 1B	2	U (0.28)	0.071	8500	2
VOC	Methyl tert-butyl ether	302-AW03	Phase 1A	2	U (0.0019)	0.00090	8500	2
VOC	Methyl tert-butyl ether	302-AX01	Phase 1A	5	U (0.24)	0.025	8500	2
VOC	Methyl tert-butyl ether	302-AX02	Phase 1B	3	U (0.11)	0.019	8500	2
VOC	Methyl tert-butyl ether	302-AX05	Phase 1A	2	U (0.00125)	0.00060	8500	2
VOC	Methyl tert-butyl ether	302-AY02	Phase 1B	11	U (2.3)	0.29	8500	2
VOC	Methyl tert-butyl ether	302-AY03	Phase 1B	2	U (0.0013)	0.00058	8500	2
VOC	Methyl tert-butyl ether	302-AY05	Phase 1B	2	U (0.00124)	0.00060	8500	2
VOC	Methyl tert-butyl ether	302-AZ02	Phase 1B	3	U (4.6)	0.77	8500	2
VOC	Methyl tert-butyl ether	302-AZ03	Phase 1B	1	U (0.31)	0.16	8500	2
VOC	Methyl tert-butyl ether	302-AZ05	Phase 1A	3	U (0.005)	0.0017	8500	2
VOC	Methyl tert-butyl ether	302-BA05	Phase 1A	2	U (0.214)	0.054	8500	2
VOC	Methyl tert-butyl ether	302-BB06	Phase 1A	5	U (0.12)	0.025	8500	2
VOC	Methyl tert-butyl ether	302-BB07	Phase 1B	26	U (3.3) - 0.00083	0.22	8500	2
VOC	Methyl tert-butyl ether	302-BB08	Phase 1B	1	U (0.005)	0.0025	8500	2
VOC	Methyl tert-butyl ether	302-BC05	Phase 1A	19	U (0.13)	0.0048	8500	2
VOC	Methyl tert-butyl ether	302-BC06	Phase 1B	8	U (2.5)	0.18	8500	2
VOC	Methyl tert-butyl ether	302-BD05	Phase 1A	4	U (0.0022)	0.0011	8500	2
VOC	Methyl tert-butyl ether	302-BE04	Phase 1A	5	U (0.006)	0.0017	8500	2
VOC	Methyl tert-butyl ether	303-AY01	Phase 1A	4	U (0.005)	0.0019	8500	2
VOC	Methyl tert-butyl ether	303-AZ01	Phase 1A	5	U (5.2)	1.4	8500	2
VOC	Methyl tert-butyl ether	303-BA01	Phase 1A	8	U (0.0038)	0.0012	8500	2
VOC	Methyl tert-butyl ether	303-BA02	Phase 1A	7	U (0.49) - 0.017	0.066	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	303-BB01	Phase 1A	2	U (0.005)	0.0023	8500	2
VOC	Methyl tert-butyl ether	303-BB02	Phase 1A	5	U (0.64)	0.065	8500	2
VOC	Methyl tert-butyl ether	303-BC01	Phase 1A	4	U (0.0011)	0.00050	8500	2
VOC	Methyl tert-butyl ether	303-BD04	Phase 1A	6	U (0.25)	0.022	8500	2
VOC	Methyl tert-butyl ether	303-BE03	Phase 1A	16	U (1.2)	0.088	8500	2
VOC	Methyl tert-butyl ether	303-BF05	Phase 1A	13	U (2.2) - 0.00075	0.14	8500	2
VOC	Methyl tert-butyl ether	303-BG04	Phase 1A	27	U (8.5) - 0.0029	0.22	8500	2
VOC	Methyl tert-butyl ether	303-BH02	Phase 1A	20	U (0.42) - 0.0089	0.042	8500	2
VOC	Methyl tert-butyl ether	303-BI03	Phase 1A	6	U (0.0037)	0.0016	8500	2
VOC	Methyl tert-butyl ether	303-BJ01	Phase 1A	3	U (0.27)	0.062	8500	2
VOC	Methyl tert-butyl ether	303-BJ02	Phase 1A	3	0.00071 - 0.00071	0.00053	8500	2
VOC	Methyl tert-butyl ether	303-BK03	Phase 1A	7	U (1.5)	0.20	8500	2
VOC	Methyl tert-butyl ether	303-BL02	Phase 1A	13	U (0.19)	0.015	8500	2
VOC	Methyl tert-butyl ether	303-BM02	Phase 1A	2	U (0.005)	0.0017	8500	2
VOC	Methyl tert-butyl ether	303-BN02	Phase 1A	15	U (0.25)	0.021	8500	2
VOC	Methyl tert-butyl ether	303-BN03	Phase 1A	14	U (0.34)	0.017	8500	2
VOC	Methyl tert-butyl ether	303-BO02	Phase 1A	17	U (5.3)	0.58	8500	2
VOC	Methyl tert-butyl ether	303-BP02	Phase 1A	45	U (97)	4.1	8500	2
VOC	Methyl tert-butyl ether	303-BQ01	Phase 1A	4	U (0.42) - 0.00054	0.070	8500	2
VOC	Methyl tert-butyl ether	303-BQ02	Phase 1A	25	U (22)	0.94	8500	2
VOC	Methyl tert-butyl ether	303-BR02	Phase 1A	8	U (0.41)	0.085	8500	2
VOC	Methyl tert-butyl ether	303-BT01	Phase 1A	13	U (2.9)	0.12	8500	2
VOC	Methyl tert-butyl ether	303-BW01	Phase 1A	2	U (0.37)	0.11	8500	2
VOC	Methyl tert-butyl ether	ParcelB-01	Innovation Campus, Parcel B	2	U (3.1)	0.83	8500	2
VOC	Methyl tert-butyl ether	ParcelB-02	Innovation Campus, Parcel B	6	U (0.491)	0.075	8500	2
VOC	Methyl tert-butyl ether	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24)	0.040	8500	2
VOC	Methyl tert-butyl ether	ParcelB-04	Innovation Campus, Parcel B	3	U (0.44)	0.14	8500	2
VOC	Methyl tert-butyl ether	ParcelB-06	Innovation Campus, Parcel B	2	U (0.189)	0.048	8500	2
VOC	Methyl tert-butyl ether	ParcelB-07	Innovation Campus, Parcel B	6	U (0.23)	0.041	8500	2
VOC	Methyl tert-butyl ether	ParcelB-08	Innovation Campus, Parcel B	2	U (0.522)	0.13	8500	2
VOC	Methyl tert-butyl ether	ParcelB-10	Innovation Campus, Parcel B	3	U (0.38)	0.087	8500	2
VOC	Methyl tert-butyl ether	ParcelB-12	Innovation Campus, Parcel B	2	U (0.38)	0.15	8500	2
VOC	Methyl tert-butyl ether	ParcelB-13	Innovation Campus, Parcel B	2	U (0.4)	0.15	8500	2
VOC	Methyl tert-butyl ether	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38)	0.068	8500	2
VOC	Methyl tert-butyl ether	ParcelB-15	Innovation Campus, Parcel B	2	0.441 - 0.441	0.22	8500	2
VOC	Methyl tert-butyl ether	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	8500	2
VOC	Methyl tert-butyl ether	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	8500	2
VOC	Methyl tert-butyl ether	ParcelB-20	Innovation Campus, Parcel B	3	U (0.26)	0.13	8500	2
VOC	Methyl tert-butyl ether	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24)	0.040	8500	2
VOC	Methyl tert-butyl ether	101-D20-C	Innovation Campus	21	U (0.003)	0.0010	8500	2
VOC	Methyl tert-butyl ether	101-G24-C	Innovation Campus	2	U (0.00141)	0.00063	8500	2
VOC	Methyl tert-butyl ether	101-G26-C	Innovation Campus	1	U (0.21)	0.11	8500	2
VOC	Methyl tert-butyl ether	101-H24-C	Innovation Campus	2	U (0.0011)	0.00050	8500	2
VOC	Methyl tert-butyl ether	101-I23-C	Innovation Campus	1	U (0.23)	0.12	8500	2
VOC	Methyl tert-butyl ether	101-I25-C	Innovation Campus	2	U (0.11)	0.028	8500	2
VOC	Methyl tert-butyl ether	101-J23-C	Innovation Campus	2	U (0.099)	0.025	8500	2
VOC	Methyl tert-butyl ether	101-L31-C	Innovation Campus	2	U (0.00132)	0.00065	8500	2
VOC	Methyl tert-butyl ether	101-U37-C	Innovation Campus	5	U (0.18)	0.021	8500	2
VOC	Methyl tert-butyl ether	102-E08-C	Innovation Campus	3	U (0.44)	0.14	8500	2
VOC	Methyl tert-butyl ether	102-G23-C	Innovation Campus	2	U (0.0276) - 0.00297	0.0084	8500	2
VOC	Methyl tert-butyl ether	103-A10-C	Innovation Campus	6	U (0.522)	0.11	8500	2
VOC	Methyl tert-butyl ether	103-A10-S	Innovation Campus	2	U (0.522)	0.13	8500	2
VOC	Methyl tert-butyl ether	103-A14-S	Innovation Campus	1	U (0.38)	0.19	8500	2
VOC	Methyl tert-butyl ether	103-A15-S	Innovation Campus	2	U (0.139)	0.035	8500	2
VOC	Methyl tert-butyl ether	103-A17-S	Innovation Campus	1	U (0.23)	0.12	8500	2
VOC	Methyl tert-butyl ether	103-H01-C	Innovation Campus	2	U (0.4)	0.15	8500	2
VOC	Methyl tert-butyl ether	104-K10-C	Innovation Campus	2	U (0.024)	0.0063	8500	2
VOC	Methyl tert-butyl ether	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	8500	2
VOC	Methyl tert-butyl ether	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	8500	2
VOC	Methyl tert-butyl ether	LS-A-A03	Innovation Campus	1	U (0.0014)	0.00070	8500	2
VOC	Methyl tert-butyl ether	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	8500	2
VOC	Methyl tert-butyl ether	LS-A-B02	Innovation Campus	14	U (0.0024)	0.00091	8500	2
VOC	Methyl tert-butyl ether	LS-A-B03	Innovation Campus	4	U (0.059)	0.0078	8500	2
VOC	Methyl tert-butyl ether	LS-A-C01	Innovation Campus	28	0.0669 - 0.0881	0.010	8500	2
VOC	Methyl tert-butyl ether	LS-A-C02	Innovation Campus	12	U (0.3)	0.023	8500	2
VOC	Methyl tert-butyl ether	LS-A-C04	Innovation Campus	3	U (0.21)	0.039	8500	2
VOC	Methyl tert-butyl ether	LS-A-D01	Innovation Campus	5	U (0.24)	0.073	8500	2
VOC	Methyl tert-butyl ether	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	8500	2
VOC	Methyl tert-butyl ether	LS-A-D03	Innovation Campus	3	U (0.26)	0.044	8500	2
VOC	Methyl tert-butyl ether	LS-A-D04	Innovation Campus	2	U (0.00122)	0.00058	8500	2
VOC	Methyl tert-butyl ether	LS-A-D05	Innovation Campus	6	U (0.27)	0.045	8500	2
VOC	Methyl tert-butyl ether	LS-A-D06	Innovation Campus	2	U (0.0265)	0.0069	8500	2
VOC	Methyl tert-butyl ether	LS-A-D07	Innovation Campus	2	U (0.137)	0.035	8500	2
VOC	Methyl tert-butyl ether	LS-A-E01	Innovation Campus	3	U (3.1)	0.53	8500	2
VOC	Methyl tert-butyl ether	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	8500	2
VOC	Methyl tert-butyl ether	LS-A-E04	Innovation Campus	2	U (0.158)	0.045	8500	2
VOC	Methyl tert-butyl ether	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	8500	2
VOC	Methyl tert-butyl ether	LS-A-E07	Innovation Campus	1	U (0.24)	0.12	8500	2
VOC	Methyl tert-butyl ether	LS-A-E08	Innovation Campus	1	U (0.17)	0.085	8500	2
VOC	Methyl tert-butyl ether	LS-A-F01	Innovation Campus	3	U (0.633)	0.15	8500	2
VOC	Methyl tert-butyl ether	LS-A-F02	Innovation Campus	3	U (0.26)	0.13	8500	2
VOC	Methyl tert-butyl ether	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	8500	2
VOC	Methyl tert-butyl ether	LS-A-F04	Innovation Campus	12	U (0.37)	0.044	8500	2

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Methyl tert-butyl ether	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	8500	2
VOC	Methyl tert-butyl ether	LS-A-G01	Innovation Campus	3	U (3.1)	0.56	8500	2
VOC	Methyl tert-butyl ether	LS-A-G02	Innovation Campus	2	U (0.734)	0.23	8500	2
VOC	Methyl tert-butyl ether	LS-A-G03	Innovation Campus	3	0.441 - 0.441	0.21	8500	2
VOC	Methyl tert-butyl ether	LS-A-G07	Innovation Campus	3	U (0.24)	0.040	8500	2
VOC	Methyl tert-butyl ether	LS-A-G08	Innovation Campus	2	U (0.00125)	0.00061	8500	2
VOC	Methyl tert-butyl ether	LS-A-H03	Innovation Campus	2	U (0.00118)	0.00059	8500	2
VOC	Methyl tert-butyl ether	LS-A-H04	Innovation Campus	2	U (0.0207)	0.0055	8500	2
VOC	Methyl tert-butyl ether	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	8500	2
VOC	Methyl tert-butyl ether	LS-A-H07	Innovation Campus	2	U (0.0184)	0.0089	8500	2
VOC	Methyl tert-butyl ether	LS-A-I01	Innovation Campus	6	U (0.38)	0.069	8500	2
VOC	Methyl tert-butyl ether	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	8500	2
VOC	Methyl tert-butyl ether	LS-A-I03	Innovation Campus	3	U (0.22)	0.060	8500	2
VOC	Methyl tert-butyl ether	LS-B-B01	Innovation Campus	1	U (0.0035)	0.0018	8500	2
VOC	Methyl tert-butyl ether	LS-B-C01	Innovation Campus	3	U (0.25)	0.049	8500	2
VOC	Methyl tert-butyl ether	LS-B-E01	Innovation Campus	4	U (0.27)	0.12	8500	2
VOC	Methyl tert-butyl ether	LS-B-G02	Innovation Campus	1	U (0.00138)	0.00069	8500	2
VOC	Methyl tert-butyl ether	LS-B-H02	Innovation Campus	3	U (0.29)	0.088	8500	2
VOC	Methyl tert-butyl ether	LS-E-B01	Innovation Campus	94	U (1.34)	0.030	8500	2
VOC	Methyl tert-butyl ether	LS-E-G01	Innovation Campus	4	U (0.23)	0.058	8500	2
VOC	Toluene	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.11) - 0.0187	0.019	10000	100
VOC	Toluene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.31) - 0.17	0.066	10000	100
VOC	Toluene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.0091 - 4	0.40	10000	100
VOC	Toluene	401-MA3-1-11	Major Amendment 3 Resampling	18	U (1.4) - 180	19	10000	100
VOC	Toluene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.24) - 0.96	0.13	10000	100
VOC	Toluene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.005)	0.0012	10000	100
VOC	Toluene	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.091)	0.015	10000	100
VOC	Toluene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.015 - 1.7	0.19	10000	100
VOC	Toluene	401-MA3-1-16	Major Amendment 3 Resampling	1	0.12 - 0.12	0.12	10000	100
VOC	Toluene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.0039 - 0.18	0.061	10000	100
VOC	Toluene	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	10000	100
VOC	Toluene	401-MA3-1-21	Major Amendment 3 Resampling	8	U (3) - 4.7	1.7	10000	100
VOC	Toluene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	10000	100
VOC	Toluene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.038)	0.011	10000	100
VOC	Toluene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.008 - 0.018	0.062	10000	100
VOC	Toluene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	10000	100
VOC	Toluene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.00085)	0.00043	10000	100
VOC	Toluene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.091)	0.010	10000	100
VOC	Toluene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	10000	100
VOC	Toluene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 1.29	0.50	10000	100
VOC	Toluene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33)	0.15	10000	100
VOC	Toluene	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.33) - 0.099	0.11	10000	100
VOC	Toluene	401-MA3-1-56	Major Amendment 3 Resampling	2	U (0.24)	0.061	10000	100
VOC	Toluene	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	10000	100
VOC	Toluene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	10000	100
VOC	Toluene	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32) - 0.64	0.20	10000	100
VOC	Toluene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.31) - 0.0479	0.028	10000	100
VOC	Toluene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	10000	100
VOC	Toluene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	100
VOC	Toluene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	10000	100
VOC	Toluene	401-MA3-1-72	Major Amendment 3 Resampling	9	U (0.6) - 0.33	0.11	10000	100
VOC	Toluene	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 1.7	0.097	10000	100
VOC	Toluene	403-MA3-1-01	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	100
VOC	Toluene	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0012)	0.00051	10000	100
VOC	Toluene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.06)	0.0090	10000	100
VOC	Toluene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0012)	0.00051	10000	100
VOC	Toluene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	10000	100
VOC	Toluene	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29) - 0.91	0.23	10000	100
VOC	Toluene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.061)	0.0080	10000	100
VOC	Toluene	404-MA3-1-01	Major Amendment 3 Resampling	22	0.00023 - 1.2	0.085	10000	100
VOC	Toluene	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.36) - 0.054	0.034	10000	100
VOC	Toluene	404-MA3-1-03	Major Amendment 3 Resampling	4	0.0017 - 0.139	0.053	10000	100
VOC	Toluene	404-MA3-1-05	Major Amendment 3 Resampling	68	U (56) - 4.6	1.0	10000	100
VOC	Toluene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.24)	0.022	10000	100
VOC	Toluene	401-A01	Major Amendment 3	4	U (0.11) - 0.0187	0.019	10000	100
VOC	Toluene	401-E02	Major Amendment 3	44	U (1.4) - 180	7.9	10000	100
VOC	Toluene	401-F01	Major Amendment 3	8	U (0.24) - 0.96	0.13	10000	100
VOC	Toluene	401-G01	Major Amendment 3	3	U (0.005)	0.0012	10000	100
VOC	Toluene	401-H01	Major Amendment 3	3	U (0.091)	0.015	10000	100
VOC	Toluene	401-H02	Major Amendment 3	19	0.0039 - 1.7	0.14	10000	100
VOC	Toluene	401-I01	Major Amendment 3	1	U (5.3)	2.7	10000	100
VOC	Toluene	401-J01	Major Amendment 3	8	U (3) - 4.7	1.7	10000	100
VOC	Toluene	401-K01	Major Amendment 3	5	U (0.46)	0.091	10000	100
VOC	Toluene	401-L01	Major Amendment 3	2	U (0.038)	0.011	10000	100
VOC	Toluene	401-L02	Major Amendment 3	6	0.008 - 0.018	0.032	10000	100
VOC	Toluene	401-N01	Major Amendment 3	2	U (0.24)	0.12	10000	100
VOC	Toluene	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	10000	100
VOC	Toluene	401-P01	Major Amendment 3	5	U (0.091)	0.010	10000	100
VOC	Toluene	401-Q01	Major Amendment 3	33	0.00065 - 1.19	0.16	10000	100
VOC	Toluene	401-R01	Major Amendment 3	9	U (0.6) - 0.33	0.11	10000	100
VOC	Toluene	402-A01	Major Amendment 3	41	U (0.25) - 0.39	0.053	10000	100
VOC	Toluene	402-B01	Major Amendment 3	139	U (5.8) - 140	3.6	10000	100
VOC	Toluene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	10000	100

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Toluene	403-A01	Major Amendment 3	2	U (0.00618)	0.0030	10000	100
VOC	Toluene	403-B01	Major Amendment 3	1	U (0.005)	0.0025	10000	100
VOC	Toluene	403-C01	Major Amendment 3	5	U (0.22) - 5.54	1.1	10000	100
VOC	Toluene	403-C02	Major Amendment 3	4	U (0.0012)	0.00051	10000	100
VOC	Toluene	403-D01	Major Amendment 3	13	U (0.06)	0.0090	10000	100
VOC	Toluene	403-E01	Major Amendment 3	4	U (0.061)	0.0080	10000	100
VOC	Toluene	403-F01	Major Amendment 3	7	U (0.23) - 0.077	0.011	10000	100
VOC	Toluene	403-G01	Major Amendment 3	2	U (0.004)	0.0012	10000	100
VOC	Toluene	404-A01	Major Amendment 3	19	U (0.008) - 0.005	0.0014	10000	100
VOC	Toluene	404-B01	Major Amendment 3	26	0.00066 - 0.204	0.017	10000	100
VOC	Toluene	404-B02	Major Amendment 3	11	U (0.24)	0.012	10000	100
VOC	Toluene	404-C01	Major Amendment 3	3	0.267 - 1	0.58	10000	100
VOC	Toluene	404-D01	Major Amendment 3	6	0.00041 - 2.7	0.60	10000	100
VOC	Toluene	404-E01	Major Amendment 3	30	U (0.74) - 1.7	0.29	10000	100
VOC	Toluene	404-F01	Major Amendment 3	22	U (0.81) - 13	3.0	10000	100
VOC	Toluene	201-A01	Phase 1A	7	U (2.6) - 110	19	10000	100
VOC	Toluene	201-A02	Phase 1A	14	0.0063 - 7700	706	10000	100
VOC	Toluene	201-A03	Phase 1A	7	0.0011 - 1900	361	10000	100
VOC	Toluene	201-A04	Phase 1A	32	0.0015 - 2700	256	10000	100
VOC	Toluene	201-A05	Phase 1A	9	0.67 - 200	52	10000	100
VOC	Toluene	201-A06	Phase 1A	10	U (0.24) - 0.37	0.073	10000	100
VOC	Toluene	201-A07	Phase 1A	12	0.088 - 540	69	10000	100
VOC	Toluene	201-A08	Phase 1A	7	0.14 - 22	3.2	10000	100
VOC	Toluene	201-A09	Phase 1A	8	0.012 - 150	28	10000	100
VOC	Toluene	201-A10	Phase 1A	8	U (0.47) - 65	8.1	10000	100
VOC	Toluene	201-A11	Phase 1A	8	U (3.5) - 9.8	2.1	10000	100
VOC	Toluene	201-A12	Phase 1A	16	0.0008 - 3.9	0.62	10000	100
VOC	Toluene	201-A13	Phase 1A	18	0.0069 - 510	70	10000	100
VOC	Toluene	201-A14	Phase 1A	21	U (0.27) - 0.68	0.12	10000	100
VOC	Toluene	201-A15	Phase 1A	8	U (0.42) - 0.047	0.070	10000	100
VOC	Toluene	201-B01	Phase 1A	4	U (0.86) - 42	11	10000	100
VOC	Toluene	201-B02	Phase 1A	10	0.052 - 180	18	10000	100
VOC	Toluene	201-B03	Phase 1A	1	0.19 - 0.19	0.19	10000	100
VOC	Toluene	201-B04	Phase 1A	11	0.0027 - 3.3	0.37	10000	100
VOC	Toluene	201-B05	Phase 1A	3	0.056 - 0.27	0.14	10000	100
VOC	Toluene	201-B06	Phase 1A	1	U (0.13)	0.065	10000	100
VOC	Toluene	201-B07	Phase 1A	21	0.001 - 0.041	0.055	10000	100
VOC	Toluene	201-B08	Phase 1A	10	U (0.072) - 0.11	0.027	10000	100
VOC	Toluene	201-B09	Phase 1A	10	0.00078 - 2	0.25	10000	100
VOC	Toluene	201-B10	Phase 1A	8	0.0027 - 0.39	0.097	10000	100
VOC	Toluene	201-B11	Phase 1A	33	U (0.13) - 0.53	0.038	10000	100
VOC	Toluene	201-B12	Phase 1A	18	U (0.14) - 0.257	0.071	10000	100
VOC	Toluene	201-C01	Phase 1A	15	0.00056 - 7.5	1.5	10000	100
VOC	Toluene	201-C02	Phase 1A	2	0.0027 - 0.03	0.016	10000	100
VOC	Toluene	201-C04	Phase 1A	14	0.0051 - 3	0.42	10000	100
VOC	Toluene	201-C05	Phase 1A	3	U (0.47)	0.12	10000	100
VOC	Toluene	201-C06	Phase 1A	14	U (0.13) - 1.3	0.23	10000	100
VOC	Toluene	201-C07	Phase 1A	11	0.14 - 32.7	3.7	10000	100
VOC	Toluene	201-C08	Phase 1A	20	0.00061 - 250	16	10000	100
VOC	Toluene	201-C09	Phase 1A	7	U (0.047)	0.0038	10000	100
VOC	Toluene	201-C10	Phase 1A	4	0.00018 - 0.388	0.098	10000	100
VOC	Toluene	201-C11	Phase 1A	1	1.92 - 1.92	1.9	10000	100
VOC	Toluene	201-D01	Phase 1A	4	U (0.0061)	0.0023	10000	100
VOC	Toluene	201-D05	Phase 1A	8	0.0006 - 5.7	1.1	10000	100
VOC	Toluene	201-D08	Phase 1A	1	U (0.0011)	0.00055	10000	100
VOC	Toluene	201-D12	Phase 1A	3	U (0.0011)	0.00050	10000	100
VOC	Toluene	201-E01	Phase 1A	69	U (25) - 550	9.0	10000	100
VOC	Toluene	201-E02	Phase 1A	1	U (0.001)	0.00050	10000	100
VOC	Toluene	201-E03	Phase 1A	3	U (0.0045)	0.0019	10000	100
VOC	Toluene	201-E04	Phase 1A	5	0.00075 - 37	9.3	10000	100
VOC	Toluene	201-E05	Phase 1A	22	U (2.3) - 100	4.7	10000	100
VOC	Toluene	201-F01	Phase 1A	51	U (0.56) - 0.52	0.079	10000	100
VOC	Toluene	201-F02	Phase 1A	5	U (0.22) - 0.016	0.033	10000	100
VOC	Toluene	201-F03	Phase 1A	23	U (3.3) - 5.2	0.57	10000	100
VOC	Toluene	201-F04	Phase 1A	20	U (0.74) - 0.52	0.089	10000	100
VOC	Toluene	202-A03	Phase 1A	8	U (0.19) - 0.00079	0.019	10000	100
VOC	Toluene	202-A04	Phase 1A	4	0.14 - 0.14	0.16	10000	100
VOC	Toluene	202-A05	Phase 1A	4	U (0.0011)	0.00054	10000	100
VOC	Toluene	202-A06	Phase 1A	4	U (0.001)	0.00046	10000	100
VOC	Toluene	202-A07	Phase 1A	3	U (0.0011)	0.00050	10000	100
VOC	Toluene	202-A08	Phase 1A	3	U (0.0012)	0.00052	10000	100
VOC	Toluene	202-A09	Phase 1A	6	U (0.0011)	0.00049	10000	100
VOC	Toluene	202-B01	Phase 1A	2	U (0.0024) - 0.0015	0.0011	10000	100
VOC	Toluene	202-B02	Phase 1A	18	U (0.31) - 1.8	0.15	10000	100
VOC	Toluene	202-B03	Phase 1A	15	U (0.1)	0.0073	10000	100
VOC	Toluene	202-B04	Phase 1A	3	U (0.001)	0.00047	10000	100
VOC	Toluene	202-B05	Phase 1A	4	U (0.056)	0.025	10000	100
VOC	Toluene	202-B09	Phase 1A	9	U (0.064)	0.0040	10000	100
VOC	Toluene	202-C04	Phase 1A	15	U (0.31) - 0.0047	0.028	10000	100
VOC	Toluene	202-C05	Phase 1A	20	U (0.33) - 3.4	0.30	10000	100
VOC	Toluene	202-C06	Phase 1A	4	0.0024 - 0.032	0.015	10000	100
VOC	Toluene	202-C07	Phase 1A	8	U (0.32) - 1.7	0.31	10000	100
VOC	Toluene	202-C08	Phase 1A	4	0.034 - 2.7	1.6	10000	100

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Toluene	202-C10	Phase 1A	1	U (0.005)	0.0025	10000	100
VOC	Toluene	202-D05	Phase 1A	5	U (0.52) - 140	28	10000	100
VOC	Toluene	202-D06	Phase 1A	11	U (0.26) - 29	6.4	10000	100
VOC	Toluene	202-E06	Phase 1A	2	0.001 - 0.001	0.00090	10000	100
VOC	Toluene	202-E08	Phase 1A	13	U (0.11) - 15	1.2	10000	100
VOC	Toluene	202-E09	Phase 1A	16	U (0.095) - 13	1.4	10000	100
VOC	Toluene	202-E10	Phase 1A	6	U (0.11) - 0.1	0.026	10000	100
VOC	Toluene	202-E11	Phase 1A	2	0.23 - 0.85	0.54	10000	100
VOC	Toluene	202-E12	Phase 1A	4	U (0.092)	0.020	10000	100
VOC	Toluene	202-E13	Phase 1A	2	3.3 - 3.4	3.4	10000	100
VOC	Toluene	202-E15	Phase 1A	2	0.61 - 3.4	2.0	10000	100
VOC	Toluene	202-F01	Phase 1A	7	0.1 - 1.5	0.31	10000	100
VOC	Toluene	202-F04	Phase 1A	10	U (0.067) - 0.087	0.020	10000	100
VOC	Toluene	202-F05	Phase 1A	2	U (0.059)	0.015	10000	100
VOC	Toluene	202-F06	Phase 1A	2	U (0.089)	0.037	10000	100
VOC	Toluene	202-F07	Phase 1A	17	0.039 - 0.182	0.068	10000	100
VOC	Toluene	202-F08	Phase 1A	5	U (0.057)	0.012	10000	100
VOC	Toluene	202-F10	Phase 1A	2	U (0.054)	0.014	10000	100
VOC	Toluene	202-F13	Phase 1A	1	U (0.006)	0.0030	10000	100
VOC	Toluene	202-F14	Phase 1A	2	U (0.0011)	0.00050	10000	100
VOC	Toluene	202-F16	Phase 1A	4	U (0.096) - 0.12	0.043	10000	100
VOC	Toluene	202-F17	Phase 1A	8	U (0.0021)	0.00070	10000	100
VOC	Toluene	202-G01	Phase 1A	8	U (0.0012)	0.00049	10000	100
VOC	Toluene	202-G02	Phase 1A	14	U (0.067)	0.0049	10000	100
VOC	Toluene	202-G03	Phase 1A	9	U (0.0012)	0.00048	10000	100
VOC	Toluene	202-G04	Phase 1A	3	U (0.61) - 26	8.7	10000	100
VOC	Toluene	202-G05	Phase 1A	6	U (0.096) - 3.3	1.0	10000	100
VOC	Toluene	202-G07	Phase 1A	16	U (0.075) - 0.0012	0.0029	10000	100
VOC	Toluene	202-H01	Phase 1A	2	U (0.21) - 2.7	1.4	10000	100
VOC	Toluene	202-H03	Phase 1A	11	0.005 - 94	15	10000	100
VOC	Toluene	202-H05	Phase 1A	8	U (0.31) - 5.2	0.94	10000	100
VOC	Toluene	202-H06	Phase 1A	2	U (0.0013)	0.00058	10000	100
VOC	Toluene	202-H07	Phase 1A	2	U (0.0011)	0.00053	10000	100
VOC	Toluene	202-H08	Phase 1A	3	U (0.0019)	0.00072	10000	100
VOC	Toluene	202-H09	Phase 1A	4	U (0.0078)	0.0014	10000	100
VOC	Toluene	202-H11	Phase 1A	10	U (0.071) - 0.051	0.0087	10000	100
VOC	Toluene	202-I01	Phase 1A	2	U (0.001)	0.00048	10000	100
VOC	Toluene	202-I04	Phase 1A	4	U (0.0018)	0.00073	10000	100
VOC	Toluene	202-J01	Phase 1A	6	U (0.061)	0.0056	10000	100
VOC	Toluene	202-J02	Phase 1A	5	U (0.062) - 0.25	0.051	10000	100
VOC	Toluene	202-J03	Phase 1A	11	0.00053 - 6.6	1.7	10000	100
VOC	Toluene	202-J04	Phase 1A	8	0.00067 - 7.9	3.5	10000	100
VOC	Toluene	202-J05	Phase 1A	6	0.0027 - 0.0081	0.0035	10000	100
VOC	Toluene	202-J07	Phase 1A	11	0.0011 - 2.3	0.27	10000	100
VOC	Toluene	202-J08	Phase 1A	1	0.0054 - 0.0054	0.0054	10000	100
VOC	Toluene	202-J09	Phase 1A	2	0.1 - 0.16	0.13	10000	100
VOC	Toluene	301-AA01	Phase 1A	1	0.0053 - 0.0053	0.0053	10000	100
VOC	Toluene	301-AA02	Phase 1B	2	U (0.001)	0.00049	10000	100
VOC	Toluene	301-AA05	Phase 1B	11	U (0.1) - 0.077	0.016	10000	100
VOC	Toluene	301-AA06	Phase 1A	11	U (0.33)	0.026	10000	100
VOC	Toluene	301-AA07	Phase 1A	4	U (0.0012)	0.00047	10000	100
VOC	Toluene	301-AA08	Phase 1A	3	U (0.28)	0.086	10000	100
VOC	Toluene	301-AA09	Phase 1A	3	U (0.48)	0.17	10000	100
VOC	Toluene	301-AB04	Phase 1A	3	U (0.09)	0.015	10000	100
VOC	Toluene	301-AB05	Phase 1B	6	U (0.22) - 0.00088	0.019	10000	100
VOC	Toluene	301-AB06	Phase 1A	2	U (0.0019)	0.00093	10000	100
VOC	Toluene	301-AB07	Phase 1A	1	U (0.005)	0.0025	10000	100
VOC	Toluene	301-AB09	Phase 1A	2	U (0.0059) - 0.0043	0.0033	10000	100
VOC	Toluene	301-AC03	Phase 1B	2	U (0.005)	0.0015	10000	100
VOC	Toluene	301-AC04	Phase 1A	25	U (0.39) - 0.19	0.053	10000	100
VOC	Toluene	301-AC07	Phase 1A	10	0.0019 - 0.0078	0.0017	10000	100
VOC	Toluene	301-AC08	Phase 1A	7	0.00064 - 0.0011	0.018	10000	100
VOC	Toluene	301-AC09	Phase 1A	6	U (0.0011)	0.00050	10000	100
VOC	Toluene	301-B01	Phase 1A	1	U (0.0058)	0.0029	10000	100
VOC	Toluene	301-C01	Phase 1A	3	0.0088 - 0.55	0.21	10000	100
VOC	Toluene	301-C02	Phase 1A	9	U (0.33) - 0.094	0.091	10000	100
VOC	Toluene	301-D01	Phase 1A	32	0.0012 - 370	41	10000	100
VOC	Toluene	301-E02	Phase 1A	32	0.0021 - 2000	92	10000	100
VOC	Toluene	301-E03	Phase 1A	5	U (0.31) - 0.076	0.029	10000	100
VOC	Toluene	301-F02	Phase 1A	8	U (1) - 110	18	10000	100
VOC	Toluene	301-G01	Phase 1A	2	U (0.47) - 4	2.0	10000	100
VOC	Toluene	301-G02	Phase 1A	3	0.007 - 0.46	0.18	10000	100
VOC	Toluene	301-G03	Phase 1A	1	0.25 - 0.25	0.25	10000	100
VOC	Toluene	301-H01	Phase 1A	20	0.00083 - 180	17	10000	100
VOC	Toluene	301-H02	Phase 1A	4	0.002 - 0.024	0.0091	10000	100
VOC	Toluene	301-H03	Phase 1A	2	0.59 - 0.59	0.31	10000	100
VOC	Toluene	301-I01	Phase 1A	9	U (0.54) - 1.7	0.23	10000	100
VOC	Toluene	301-I02	Phase 1A	1	0.043 - 0.043	0.043	10000	100
VOC	Toluene	301-J01	Phase 1A	4	0.0013 - 0.12	0.053	10000	100
VOC	Toluene	301-J02	Phase 1A	8	U (0.31) - 42	6.6	10000	100
VOC	Toluene	301-K01	Phase 1A	9	0.0039 - 0.18	0.067	10000	100
VOC	Toluene	301-K02	Phase 1A	3	0.05 - 0.085	0.070	10000	100
VOC	Toluene	301-L01	Phase 1C	7	U (0.32)	0.076	10000	100

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Toluene	301-L02	Phase 1A	8	0.036 - 4.7	1.3	10000	100
VOC	Toluene	301-L03	Phase 1A	5	U (0.13) - 0.1	0.045	10000	100
VOC	Toluene	301-M02	Phase 1A	5	U (0.11) - 0.17	0.046	10000	100
VOC	Toluene	301-M03	Phase 1A	3	U (0.11) - 0.0094	0.023	10000	100
VOC	Toluene	301-N02	Phase 1A	3	U (0.22)	0.071	10000	100
VOC	Toluene	301-P02	Phase 1A	2	1.86 - 4.18	3.0	10000	100
VOC	Toluene	301-Q04	Phase 1A	6	U (0.234) - 0.0031	0.025	10000	100
VOC	Toluene	301-R02	Phase 1A	6	U (0.26)	0.024	10000	100
VOC	Toluene	301-S02	Phase 1A	4	U (0.0054)	0.0025	10000	100
VOC	Toluene	301-S03	Phase 1A	1	0.34 - 0.34	0.34	10000	100
VOC	Toluene	301-T01	Phase 1B	5	0.133 - 0.133	0.12	10000	100
VOC	Toluene	301-T02	Phase 1B	7	0.096 - 0.33	0.14	10000	100
VOC	Toluene	301-T03	Phase 1C	2	U (0.0072)	0.0032	10000	100
VOC	Toluene	301-T04	Phase 1A	2	U (0.3)	0.076	10000	100
VOC	Toluene	301-U01	Phase 1B	2	U (0.29) - 0.14	0.070	10000	100
VOC	Toluene	301-U03	Phase 1B	1	U (0.005)	0.0025	10000	100
VOC	Toluene	301-V01	Phase 1B	7	0.0479 - 1.02	0.21	10000	100
VOC	Toluene	301-V02	Phase 1B	19	U (0.4)	0.034	10000	100
VOC	Toluene	301-V04	Phase 1A	30	U (1.3) - 0.49	0.068	10000	100
VOC	Toluene	301-W01	Phase 1B	24	U (0.28) - 0.931	0.053	10000	100
VOC	Toluene	301-W03	Phase 1A	4	U (0.27)	0.10	10000	100
VOC	Toluene	301-X01	Phase 1B	11	U (0.4) - 0.54	0.067	10000	100
VOC	Toluene	301-X03	Phase 1A	3	U (0.25)	0.079	10000	100
VOC	Toluene	301-Y01	Phase 1B	10	U (0.1) - 0.0714	0.014	10000	100
VOC	Toluene	301-Y02	Phase 1B	4	U (0.029) - 0.039	0.019	10000	100
VOC	Toluene	301-Y03	Phase 1A	2	U (0.12)	0.030	10000	100
VOC	Toluene	301-Y04	Phase 1A	3	U (0.28)	0.092	10000	100
VOC	Toluene	301-Y05	Phase 1A	6	0.00059 - 0.27	0.11	10000	100
VOC	Toluene	301-Z01	Phase 1B	6	U (0.0011)	0.00050	10000	100
VOC	Toluene	301-Z02	Phase 1B	2	U (0.005)	0.0013	10000	100
VOC	Toluene	301-Z03	Phase 1B	5	U (0.21)	0.031	10000	100
VOC	Toluene	301-Z04	Phase 1A	14	0.0024 - 0.39	0.081	10000	100
VOC	Toluene	302-AD02	Phase 1C	2	U (0.004)	0.0011	10000	100
VOC	Toluene	302-AD06	Phase 1B	12	U (0.1)	0.0069	10000	100
VOC	Toluene	302-AD07	Phase 1B	2	U (0.0013)	0.00055	10000	100
VOC	Toluene	302-AD08	Phase 1A	2	U (0.0012)	0.00058	10000	100
VOC	Toluene	302-AD09	Phase 1A	3	U (0.0011)	0.00052	10000	100
VOC	Toluene	302-AD10	Phase 1A	4	1.9 - 4.2	1.5	10000	100
VOC	Toluene	302-AE01	Phase 1C	1	U (0.006)	0.0030	10000	100
VOC	Toluene	302-AE02	Phase 1C	2	0.001 - 0.003	0.0020	10000	100
VOC	Toluene	302-AE03	Phase 1B	4	U (0.053) - 0.56	0.23	10000	100
VOC	Toluene	302-AE04	Phase 1B	8	0.00083 - 0.06	0.014	10000	100
VOC	Toluene	302-AE05	Phase 1B	20	0.00079 - 0.0026	0.00072	10000	100
VOC	Toluene	302-AE07	Phase 1B	3	0.00067 - 0.00067	0.016	10000	100
VOC	Toluene	302-AE08	Phase 1B	3	U (0.001)	0.00049	10000	100
VOC	Toluene	302-AE09	Phase 1A	4	U (0.00095)	0.00046	10000	100
VOC	Toluene	302-AF01	Phase 1C	1	U (0.005)	0.0025	10000	100
VOC	Toluene	302-AF02	Phase 1C	4	U (0.007)	0.0028	10000	100
VOC	Toluene	302-AF03	Phase 1B	2	1.5 - 1.5	1.1	10000	100
VOC	Toluene	302-AF04	Phase 1B	22	U (0.12) - 0.39	0.035	10000	100
VOC	Toluene	302-AF05	Phase 1B	2	U (0.051)	0.013	10000	100
VOC	Toluene	302-AF06	Phase 1A	8	0.3 - 0.3	0.038	10000	100
VOC	Toluene	302-AF09	Phase 1B	5	U (0.1) - 0.165	0.033	10000	100
VOC	Toluene	302-AG02	Phase 1C	2	U (1.7)	0.43	10000	100
VOC	Toluene	302-AG04	Phase 1B	9	U (0.14)	0.027	10000	100
VOC	Toluene	302-AG06	Phase 1B	5	U (0.21)	0.032	10000	100
VOC	Toluene	302-AG07	Phase 1A	14	U (0.057) - 0.002	0.013	10000	100
VOC	Toluene	302-AG08	Phase 1B	6	U (0.19) - 0.52	0.13	10000	100
VOC	Toluene	302-AH01	Phase 1C	2	U (0.005)	0.0015	10000	100
VOC	Toluene	302-AH03	Phase 1C	2	U (0.064)	0.031	10000	100
VOC	Toluene	302-AH04	Phase 1B	8	U (0.067)	0.031	10000	100
VOC	Toluene	302-AH05	Phase 1B	11	U (0.11)	0.016	10000	100
VOC	Toluene	302-AH06	Phase 1B	4	U (0.00629)	0.0018	10000	100
VOC	Toluene	302-AH07	Phase 1B	21	U (0.063)	0.012	10000	100
VOC	Toluene	302-AH08	Phase 1B	13	U (0.061)	0.028	10000	100
VOC	Toluene	302-AI01	Phase 1C	2	0.0013 - 0.0013	0.0010	10000	100
VOC	Toluene	302-AI03	Phase 1C	1	0.081 - 0.081	0.081	10000	100
VOC	Toluene	302-AI04	Phase 1C	2	U (0.061)	0.029	10000	100
VOC	Toluene	302-AI05	Phase 1B	12	U (0.11)	0.012	10000	100
VOC	Toluene	302-AI06	Phase 1B	19	U (0.1) - 0.0025	0.0033	10000	100
VOC	Toluene	302-AI07	Phase 1B	10	U (0.611) - 0.00035	0.075	10000	100
VOC	Toluene	302-AI08	Phase 1B	2	U (0.099)	0.026	10000	100
VOC	Toluene	302-AI09	Phase 1B	3	U (0.00089)	0.00037	10000	100
VOC	Toluene	302-AJ04	Phase 1C	1	U (0.051)	0.026	10000	100
VOC	Toluene	302-AJ05	Phase 1B	2	U (0.0012)	0.00058	10000	100
VOC	Toluene	302-AJ06	Phase 1B	5	U (0.0018)	0.00065	10000	100
VOC	Toluene	302-AJ09	Phase 1A	2	U (0.054)	0.027	10000	100
VOC	Toluene	302-AK05	Phase 1B	5	U (0.058)	0.018	10000	100
VOC	Toluene	302-AK06	Phase 1A	1	U (0.057)	0.029	10000	100
VOC	Toluene	302-AK07	Phase 1B	13	U (1.01) - 0.28	0.094	10000	100
VOC	Toluene	302-AL01	Phase 1C	11	0.001 - 790	95	10000	100
VOC	Toluene	302-AL03	Phase 1B	2	U (0.5)	0.13	10000	100
VOC	Toluene	302-AL05	Phase 1B	11	U (0.13)	0.041	10000	100

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Toluene	302-AL06	Phase 1A	2	U (0.052)	0.025	10000	100
VOC	Toluene	302-AL08	Phase 1B	2	U (0.0009)	0.00038	10000	100
VOC	Toluene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	10000	100
VOC	Toluene	302-AN02	Phase 1A	2	U (0.00601)	0.0028	10000	100
VOC	Toluene	302-AN03	Phase 1B	1	0.009 - 0.009	0.0090	10000	100
VOC	Toluene	302-AO02	Phase 1B	7	0.0006 - 0.001	0.27	10000	100
VOC	Toluene	302-AO03	Phase 1A	2	U (0.00634)	0.0030	10000	100
VOC	Toluene	302-AO05	Phase 1B	1	0.011 - 0.011	0.011	10000	100
VOC	Toluene	302-AP02	Phase 1B	2	0.0027 - 0.0027	0.0017	10000	100
VOC	Toluene	302-AP03	Phase 1B	23	0.0472 - 0.702	0.040	10000	100
VOC	Toluene	302-AP04	Phase 1B	3	0.018 - 0.0234	0.014	10000	100
VOC	Toluene	302-AP05	Phase 1B	2	U (0.0014)	0.00068	10000	100
VOC	Toluene	302-AQ01	Phase 1B	2	U (0.006)	0.0030	10000	100
VOC	Toluene	302-AQ02	Phase 1A	7	U (0.25) - 0.00073	0.050	10000	100
VOC	Toluene	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	10000	100
VOC	Toluene	302-AR01	Phase 1B	2	U (0.006)	0.0028	10000	100
VOC	Toluene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	10000	100
VOC	Toluene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	10000	100
VOC	Toluene	302-AS03	Phase 1A	13	U (0.11)	0.0069	10000	100
VOC	Toluene	302-AS04	Phase 1B	2	U (0.00635)	0.0031	10000	100
VOC	Toluene	302-AT02	Phase 1B	2	0.612 - 0.612	0.31	10000	100
VOC	Toluene	302-AT03	Phase 1B	4	U (0.11)	0.014	10000	100
VOC	Toluene	302-AU01	Phase 1B	2	U (0.001)	0.00047	10000	100
VOC	Toluene	302-AU02	Phase 1B	8	U (0.055)	0.0041	10000	100
VOC	Toluene	302-AU03	Phase 1B	2	U (0.00097)	0.00046	10000	100
VOC	Toluene	302-AV01	Phase 1A	12	0.003 - 41	3.7	10000	100
VOC	Toluene	302-AV02	Phase 1B	4	U (0.054) - 0.12	0.030	10000	100
VOC	Toluene	302-AV03	Phase 1A	6	U (0.056) - 0.0057	0.0059	10000	100
VOC	Toluene	302-AV04	Phase 1B	2	U (0.00628)	0.0031	10000	100
VOC	Toluene	302-AW01	Phase 1A	12	U (6) - 6.2	1.7	10000	100
VOC	Toluene	302-AW02	Phase 1B	2	U (0.28)	0.070	10000	100
VOC	Toluene	302-AW03	Phase 1A	2	U (0.00096)	0.00046	10000	100
VOC	Toluene	302-AX01	Phase 1A	15	U (1) - 55	4.2	10000	100
VOC	Toluene	302-AX02	Phase 1B	3	U (0.11)	0.019	10000	100
VOC	Toluene	302-AX05	Phase 1A	2	U (0.00627)	0.0030	10000	100
VOC	Toluene	302-AY02	Phase 1B	20	0.0011 - 130	12	10000	100
VOC	Toluene	302-AY03	Phase 1B	2	U (0.0013)	0.00058	10000	100
VOC	Toluene	302-AY05	Phase 1B	2	U (0.00618)	0.0030	10000	100
VOC	Toluene	302-AZ02	Phase 1B	11	U (13) - 4.5	1.9	10000	100
VOC	Toluene	302-AZ03	Phase 1B	1	U (0.31)	0.16	10000	100
VOC	Toluene	302-AZ05	Phase 1A	3	U (0.005)	0.0013	10000	100
VOC	Toluene	302-BA03	Phase 1B	1	U (0.007)	0.0035	10000	100
VOC	Toluene	302-BA05	Phase 1A	2	U (1.07)	0.27	10000	100
VOC	Toluene	302-BB06	Phase 1A	5	U (0.06)	0.012	10000	100
VOC	Toluene	302-BB07	Phase 1B	49	U (16) - 1300	78	10000	100
VOC	Toluene	302-BB08	Phase 1B	1	U (0.005)	0.0025	10000	100
VOC	Toluene	302-BC05	Phase 1A	19	U (0.067) - 0.014	0.0037	10000	100
VOC	Toluene	302-BC06	Phase 1B	8	0.29 - 560	71	10000	100
VOC	Toluene	302-BD05	Phase 1A	4	U (0.0011)	0.00053	10000	100
VOC	Toluene	302-BE04	Phase 1A	5	U (0.006)	0.0014	10000	100
VOC	Toluene	303-AY01	Phase 1A	4	0.002 - 0.002	0.0011	10000	100
VOC	Toluene	303-AZ01	Phase 1A	5	0.002 - 1.2	0.98	10000	100
VOC	Toluene	303-BA01	Phase 1A	8	0.00089 - 0.0019	0.0010	10000	100
VOC	Toluene	303-BA02	Phase 1A	11	U (1.1) - 2.6	0.73	10000	100
VOC	Toluene	303-BB01	Phase 1A	2	U (0.005)	0.0023	10000	100
VOC	Toluene	303-BB02	Phase 1A	5	0.0016 - 0.81	0.16	10000	100
VOC	Toluene	303-BC01	Phase 1A	4	U (0.0011) - 0.0021	0.00090	10000	100
VOC	Toluene	303-BD04	Phase 1A	13	U (1.5) - 4.3	0.85	10000	100
VOC	Toluene	303-BE03	Phase 1A	42	0.071 - 4	0.65	10000	100
VOC	Toluene	303-BF05	Phase 1A	20	0.0008 - 9.1	0.85	10000	100
VOC	Toluene	303-BG04	Phase 1A	28	U (4.3) - 17	1.7	10000	100
VOC	Toluene	303-BH02	Phase 1A	25	0.00086 - 6.9	0.85	10000	100
VOC	Toluene	303-BI03	Phase 1A	6	U (0.0019)	0.00081	10000	100
VOC	Toluene	303-BJ01	Phase 1A	3	U (0.14) - 0.089	0.038	10000	100
VOC	Toluene	303-BJ02	Phase 1A	3	U (0.0013)	0.00051	10000	100
VOC	Toluene	303-BK03	Phase 1A	7	U (0.77) - 0.34	0.13	10000	100
VOC	Toluene	303-BL02	Phase 1A	13	0.0008 - 6.8	0.53	10000	100
VOC	Toluene	303-BM02	Phase 1A	2	0.0014 - 0.0014	0.0020	10000	100
VOC	Toluene	303-BN02	Phase 1A	15	U (0.25) - 0.29	0.046	10000	100
VOC	Toluene	303-BN03	Phase 1A	14	0.003 - 0.19	0.033	10000	100
VOC	Toluene	303-BO02	Phase 1A	17	0.00064 - 3.9	0.64	10000	100
VOC	Toluene	303-BP02	Phase 1A	45	0.00074 - 6100	561	10000	100
VOC	Toluene	303-BQ01	Phase 1A	4	0.0004 - 0.0547	0.067	10000	100
VOC	Toluene	303-BQ02	Phase 1A	25	0.0033 - 6200	469	10000	100
VOC	Toluene	303-BR02	Phase 1A	8	0.006 - 1.7	0.37	10000	100
VOC	Toluene	303-BT01	Phase 1A	13	U (2.9) - 1.7	0.15	10000	100
VOC	Toluene	303-BW01	Phase 1A	2	0.094 - 0.094	0.14	10000	100
VOC	Toluene	ParcelB-01	Innovation Campus, Parcel B	2	0.23 - 0.23	0.89	10000	100
VOC	Toluene	ParcelB-02	Innovation Campus, Parcel B	6	U (2.46) - 0.0224	0.38	10000	100
VOC	Toluene	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24) - 0.42	0.14	10000	100
VOC	Toluene	ParcelB-04	Innovation Campus, Parcel B	3	U (2.02)	0.41	10000	100
VOC	Toluene	ParcelB-06	Innovation Campus, Parcel B	2	U (0.946)	0.24	10000	100
VOC	Toluene	ParcelB-07	Innovation Campus, Parcel B	6	U (0.261)	0.068	10000	100

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Toluene	ParcelB-08	Innovation Campus, Parcel B	2	U (2.61)	0.65	10000	100
VOC	Toluene	ParcelB-10	Innovation Campus, Parcel B	3	U (0.696)	0.18	10000	100
VOC	Toluene	ParcelB-12	Innovation Campus, Parcel B	2	U (0.38)	0.15	10000	100
VOC	Toluene	ParcelB-13	Innovation Campus, Parcel B	2	0.42 - 0.99	0.71	10000	100
VOC	Toluene	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38)	0.084	10000	100
VOC	Toluene	ParcelB-15	Innovation Campus, Parcel B	2	U (0.969)	0.24	10000	100
VOC	Toluene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	10000	100
VOC	Toluene	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	10000	100
VOC	Toluene	ParcelB-20	Innovation Campus, Parcel B	3	4.2 - 4.2	1.5	10000	100
VOC	Toluene	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24)	0.042	10000	100
VOC	Toluene	101-D20-C	Innovation Campus	21	U (0.193) - 0.986	0.048	10000	100
VOC	Toluene	101-G24-C	Innovation Campus	2	U (0.00707)	0.0031	10000	100
VOC	Toluene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	10000	100
VOC	Toluene	101-H24-C	Innovation Campus	2	0.00029 - 0.00029	0.00042	10000	100
VOC	Toluene	101-I23-C	Innovation Campus	1	U (0.23)	0.12	10000	100
VOC	Toluene	101-I25-C	Innovation Campus	2	U (0.11)	0.028	10000	100
VOC	Toluene	101-J23-C	Innovation Campus	2	U (0.099)	0.025	10000	100
VOC	Toluene	101-L31-C	Innovation Campus	2	U (0.00662)	0.0033	10000	100
VOC	Toluene	101-U37-C	Innovation Campus	5	U (0.18)	0.031	10000	100
VOC	Toluene	102-E08-C	Innovation Campus	3	U (2.02)	0.41	10000	100
VOC	Toluene	102-G23-C	Innovation Campus	2	U (0.138)	0.036	10000	100
VOC	Toluene	103-A10-C	Innovation Campus	6	U (2.61)	0.33	10000	100
VOC	Toluene	103-A10-S	Innovation Campus	2	U (2.61)	0.65	10000	100
VOC	Toluene	103-A14-S	Innovation Campus	1	U (0.38)	0.19	10000	100
VOC	Toluene	103-A15-S	Innovation Campus	2	U (0.696)	0.18	10000	100
VOC	Toluene	103-A17-S	Innovation Campus	1	U (0.23)	0.12	10000	100
VOC	Toluene	103-H01-C	Innovation Campus	2	0.42 - 0.99	0.71	10000	100
VOC	Toluene	104-K10-C	Innovation Campus	2	U (0.12)	0.032	10000	100
VOC	Toluene	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	10000	100
VOC	Toluene	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	10000	100
VOC	Toluene	LS-A-A03	Innovation Campus	1	U (0.0014)	0.00070	10000	100
VOC	Toluene	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	10000	100
VOC	Toluene	LS-A-B02	Innovation Campus	14	U (0.0012) - 0.00066	0.00050	10000	100
VOC	Toluene	LS-A-B03	Innovation Campus	4	U (0.059) - 0.342	0.087	10000	100
VOC	Toluene	LS-A-C01	Innovation Campus	28	U (0.22)	0.011	10000	100
VOC	Toluene	LS-A-C02	Innovation Campus	12	U (1.5)	0.083	10000	100
VOC	Toluene	LS-A-C04	Innovation Campus	3	U (0.21)	0.056	10000	100
VOC	Toluene	LS-A-D01	Innovation Campus	5	0.176 - 0.42	0.21	10000	100
VOC	Toluene	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	10000	100
VOC	Toluene	LS-A-D03	Innovation Campus	3	U (0.26)	0.045	10000	100
VOC	Toluene	LS-A-D04	Innovation Campus	2	U (0.00608)	0.0029	10000	100
VOC	Toluene	LS-A-D05	Innovation Campus	6	U (0.27)	0.057	10000	100
VOC	Toluene	LS-A-D06	Innovation Campus	4	U (0.132)	0.019	10000	100
VOC	Toluene	LS-A-D07	Innovation Campus	2	U (0.685)	0.17	10000	100
VOC	Toluene	LS-A-E01	Innovation Campus	3	U (3.1)	0.59	10000	100
VOC	Toluene	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	10000	100
VOC	Toluene	LS-A-E04	Innovation Campus	2	1.17 - 1.17	0.61	10000	100
VOC	Toluene	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	10000	100
VOC	Toluene	LS-A-E07	Innovation Campus	7	U (1.2)	0.20	10000	100
VOC	Toluene	LS-A-E08	Innovation Campus	6	U (0.51)	0.10	10000	100
VOC	Toluene	LS-A-F01	Innovation Campus	3	U (3.17)	0.57	10000	100
VOC	Toluene	LS-A-F02	Innovation Campus	3	4.2 - 4.2	1.5	10000	100
VOC	Toluene	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	10000	100
VOC	Toluene	LS-A-F04	Innovation Campus	12	U (0.37)	0.045	10000	100
VOC	Toluene	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	10000	100
VOC	Toluene	LS-A-G01	Innovation Campus	3	U (3.1)	0.74	10000	100
VOC	Toluene	LS-A-G02	Innovation Campus	2	U (3.67)	1.2	10000	100
VOC	Toluene	LS-A-G03	Innovation Campus	3	U (0.969)	0.23	10000	100
VOC	Toluene	LS-A-G07	Innovation Campus	3	U (0.24)	0.042	10000	100
VOC	Toluene	LS-A-G08	Innovation Campus	2	U (0.00624) - 0.0169	0.010	10000	100
VOC	Toluene	LS-A-H03	Innovation Campus	2	U (0.00591)	0.0030	10000	100
VOC	Toluene	LS-A-H04	Innovation Campus	2	U (0.103) - 0.00661	0.029	10000	100
VOC	Toluene	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	10000	100
VOC	Toluene	LS-A-H07	Innovation Campus	2	U (0.0918) - 0.122	0.082	10000	100
VOC	Toluene	LS-A-I01	Innovation Campus	6	U (0.946)	0.13	10000	100
VOC	Toluene	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	10000	100
VOC	Toluene	LS-A-I03	Innovation Campus	3	U (0.707)	0.16	10000	100
VOC	Toluene	LS-B-B01	Innovation Campus	1	U (0.0017)	0.00085	10000	100
VOC	Toluene	LS-B-C01	Innovation Campus	3	U (0.25)	0.077	10000	100
VOC	Toluene	LS-B-E01	Innovation Campus	4	U (1.13) - 2.03	0.84	10000	100
VOC	Toluene	LS-B-G02	Innovation Campus	1	U (0.00691)	0.0035	10000	100
VOC	Toluene	LS-B-H02	Innovation Campus	3	U (1.18)	0.25	10000	100
VOC	Toluene	LS-E-B01	Innovation Campus	94	0.00085 - 1500	16	10000	100
VOC	Toluene	LS-E-G01	Innovation Campus	4	U (0.23)	0.059	10000	100
VOC	1,2,4-Trimethylbenzene	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.55) - 0.688	0.24	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-08	Major Amendment 3 Resampling	2	U (0.54) - 0.0935	0.18	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.022 - 47	3.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-11	Major Amendment 3 Resampling	18	0.0018 - 180	38	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.54) - 0.28	0.070	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.0056)	0.0027	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.275 - 0.275	0.093	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.00036 - 29	3.0	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-16	Major Amendment 3 Resampling	1	8.8 - 8.8	8.8	4700	300

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,2,4-Trimethylbenzene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.05 - 3.3	0.56	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-21	Major Amendment 3 Resampling	7	U (6) - 340	56	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.19)	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.014 - 5.7	1.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.0043)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.00033 - 0.00033	0.047	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 157	27	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33) - 1.1	0.47	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.33) - 0.08	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-56	Major Amendment 3 Resampling	2	3.7 - 3.7	1.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-59	Major Amendment 3 Resampling	4	28 - 28	7.0	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.59) - 0.3	0.048	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-72	Major Amendment 3 Resampling	4	0.011 - 0.67	0.22	4700	300
VOC	1,2,4-Trimethylbenzene	402-MA3-1-03	Major Amendment 3 Resampling	49	U (0.66) - 0.75	0.032	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0023)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.12) - 6.9	0.62	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0024)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29) - 0.75	0.19	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.12) - 0.29	0.073	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-01	Major Amendment 3 Resampling	21	U (1.3) - 1.1	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-02	Major Amendment 3 Resampling	8	U (0.8) - 0.078	0.016	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-03	Major Amendment 3 Resampling	4	0.0018 - 0.13	0.059	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-05	Major Amendment 3 Resampling	67	U (170)	2.3	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-06	Major Amendment 3 Resampling	3	U (0.011) - 0.0107	0.0061	4700	300
VOC	1,2,4-Trimethylbenzene	401-A01	Major Amendment 3	4	U (0.55) - 0.688	0.24	4700	300
VOC	1,2,4-Trimethylbenzene	401-E02	Major Amendment 3	35	U (2.7) - 180	21	4700	300
VOC	1,2,4-Trimethylbenzene	401-F01	Major Amendment 3	8	U (0.54) - 0.28	0.070	4700	300
VOC	1,2,4-Trimethylbenzene	401-G01	Major Amendment 3	3	U (0.0056)	0.0027	4700	300
VOC	1,2,4-Trimethylbenzene	401-H01	Major Amendment 3	3	0.275 - 0.275	0.093	4700	300
VOC	1,2,4-Trimethylbenzene	401-H02	Major Amendment 3	19	0.00036 - 29	2.4	4700	300
VOC	1,2,4-Trimethylbenzene	401-I01	Major Amendment 3	1	U (5.3)	2.7	4700	300
VOC	1,2,4-Trimethylbenzene	401-J01	Major Amendment 3	7	U (6) - 340	56	4700	300
VOC	1,2,4-Trimethylbenzene	401-K01	Major Amendment 3	5	U (0.46)	0.091	4700	300
VOC	1,2,4-Trimethylbenzene	401-L01	Major Amendment 3	2	U (0.19)	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	401-L02	Major Amendment 3	6	0.014 - 5.7	0.96	4700	300
VOC	1,2,4-Trimethylbenzene	401-N01	Major Amendment 3	2	U (0.24)	0.12	4700	300
VOC	1,2,4-Trimethylbenzene	401-O01	Major Amendment 3	1	U (0.0043)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	401-P01	Major Amendment 3	5	0.00033 - 0.00033	0.047	4700	300
VOC	1,2,4-Trimethylbenzene	401-Q01	Major Amendment 3	33	U (5.1) - 7.4	0.55	4700	300
VOC	1,2,4-Trimethylbenzene	401-R01	Major Amendment 3	4	0.011 - 0.67	0.22	4700	300
VOC	1,2,4-Trimethylbenzene	402-A01	Major Amendment 3	41	U (1.2) - 16	0.98	4700	300
VOC	1,2,4-Trimethylbenzene	402-B01	Major Amendment 3	97	U (3.3) - 100	2.8	4700	300
VOC	1,2,4-Trimethylbenzene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	403-A01	Major Amendment 3	2	U (0.00124)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	403-C01	Major Amendment 3	5	U (11) - 83.3	17	4700	300
VOC	1,2,4-Trimethylbenzene	403-C02	Major Amendment 3	4	U (0.0023)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	403-D01	Major Amendment 3	13	U (0.12) - 6.9	0.62	4700	300
VOC	1,2,4-Trimethylbenzene	403-E01	Major Amendment 3	4	U (0.12) - 0.29	0.073	4700	300
VOC	1,2,4-Trimethylbenzene	403-F01	Major Amendment 3	7	U (0.23) - 0.22	0.033	4700	300
VOC	1,2,4-Trimethylbenzene	403-G01	Major Amendment 3	2	U (0.0044)	0.0021	4700	300
VOC	1,2,4-Trimethylbenzene	404-A01	Major Amendment 3	19	U (0.012) - 0.005	0.0026	4700	300
VOC	1,2,4-Trimethylbenzene	404-B01	Major Amendment 3	24	U (0.77) - 0.0618	0.0090	4700	300
VOC	1,2,4-Trimethylbenzene	404-B02	Major Amendment 3	8	U (0.011) - 0.0107	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	404-C01	Major Amendment 3	2	U (0.58) - 0.75	0.52	4700	300
VOC	1,2,4-Trimethylbenzene	404-D01	Major Amendment 3	6	0.001 - 60	14	4700	300
VOC	1,2,4-Trimethylbenzene	404-E01	Major Amendment 3	30	U (1.5) - 53	4.0	4700	300
VOC	1,2,4-Trimethylbenzene	404-F01	Major Amendment 3	22	0.00037 - 86	13	4700	300
VOC	1,2,4-Trimethylbenzene	201-A01	Phase 1A	7	0.0075 - 149	45	4700	300
VOC	1,2,4-Trimethylbenzene	201-A02	Phase 1A	14	0.0011 - 3200	301	4700	300
VOC	1,2,4-Trimethylbenzene	201-A03	Phase 1A	7	0.0058 - 1000	295	4700	300
VOC	1,2,4-Trimethylbenzene	201-A04	Phase 1A	31	0.0016 - 2700	298	4700	300
VOC	1,2,4-Trimethylbenzene	201-A05	Phase 1A	9	1.7 - 540	108	4700	300
VOC	1,2,4-Trimethylbenzene	201-A06	Phase 1A	10	0.0028 - 70	7.5	4700	300
VOC	1,2,4-Trimethylbenzene	201-A07	Phase 1A	12	0.44 - 580	176	4700	300
VOC	1,2,4-Trimethylbenzene	201-A08	Phase 1A	7	0.00033 - 190	29	4700	300
VOC	1,2,4-Trimethylbenzene	201-A09	Phase 1A	8	0.0071 - 680	200	4700	300
VOC	1,2,4-Trimethylbenzene	201-A10	Phase 1A	8	U (0.94) - 32	4.1	4700	300
VOC	1,2,4-Trimethylbenzene	201-A11	Phase 1A	8	1.1 - 300	39	4700	300
VOC	1,2,4-Trimethylbenzene	201-A12	Phase 1A	16	0.00078 - 256	20	4700	300
VOC	1,2,4-Trimethylbenzene	201-A13	Phase 1A	17	0.0041 - 390	58	4700	300
VOC	1,2,4-Trimethylbenzene	201-A14	Phase 1A	21	0.0019 - 10.6	0.68	4700	300
VOC	1,2,4-Trimethylbenzene	201-A15	Phase 1A	8	0.00043 - 0.55	0.14	4700	300
VOC	1,2,4-Trimethylbenzene	201-B01	Phase 1A	4	U (1.7) - 37	9.3	4700	300

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,2,4-Trimethylbenzene	201-B02	Phase 1A	10	0.00041 - 670	144	4700	300
VOC	1,2,4-Trimethylbenzene	201-B03	Phase 1A	1	1.2 - 1.2	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	201-B04	Phase 1A	11	U (1.2) - 150	20	4700	300
VOC	1,2,4-Trimethylbenzene	201-B05	Phase 1A	3	U (0.15) - 0.21	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	201-B06	Phase 1A	1	23 - 23	23	4700	300
VOC	1,2,4-Trimethylbenzene	201-B07	Phase 1A	14	0.028 - 120	16	4700	300
VOC	1,2,4-Trimethylbenzene	201-B08	Phase 1A	10	U (0.14) - 1.7	0.29	4700	300
VOC	1,2,4-Trimethylbenzene	201-B09	Phase 1A	10	0.0035 - 0.47	0.18	4700	300
VOC	1,2,4-Trimethylbenzene	201-B11	Phase 1A	31	U (1.3) - 51	1.8	4700	300
VOC	1,2,4-Trimethylbenzene	201-B12	Phase 1A	18	0.00089 - 8.77	1.4	4700	300
VOC	1,2,4-Trimethylbenzene	201-C01	Phase 1A	15	0.00065 - 470	75	4700	300
VOC	1,2,4-Trimethylbenzene	201-C02	Phase 1A	2	0.046 - 0.11	0.078	4700	300
VOC	1,2,4-Trimethylbenzene	201-C04	Phase 1A	14	0.047 - 130	33	4700	300
VOC	1,2,4-Trimethylbenzene	201-C05	Phase 1A	3	U (0.47)	0.12	4700	300
VOC	1,2,4-Trimethylbenzene	201-C06	Phase 1A	14	U (0.26) - 13	2.0	4700	300
VOC	1,2,4-Trimethylbenzene	201-C07	Phase 1A	11	0.00034 - 903	215	4700	300
VOC	1,2,4-Trimethylbenzene	201-C08	Phase 1A	20	0.0007 - 1000	103	4700	300
VOC	1,2,4-Trimethylbenzene	201-C09	Phase 1A	7	U (0.093) - 12	1.7	4700	300
VOC	1,2,4-Trimethylbenzene	201-C10	Phase 1A	3	U (4.5) - 52.1	17	4700	300
VOC	1,2,4-Trimethylbenzene	201-C11	Phase 1A	1	33 - 33	33	4700	300
VOC	1,2,4-Trimethylbenzene	201-D01	Phase 1A	3	U (0.0061)	0.0026	4700	300
VOC	1,2,4-Trimethylbenzene	201-D05	Phase 1A	8	U (3.6) - 39.2	8.8	4700	300
VOC	1,2,4-Trimethylbenzene	201-D08	Phase 1A	1	U (0.0023)	0.0012	4700	300
VOC	1,2,4-Trimethylbenzene	201-D12	Phase 1A	3	U (0.0023) - 0.00086	0.00073	4700	300
VOC	1,2,4-Trimethylbenzene	201-E01	Phase 1A	51	U (1.2) - 580	23	4700	300
VOC	1,2,4-Trimethylbenzene	201-E02	Phase 1A	1	U (0.002)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	201-E03	Phase 1A	2	0.11 - 0.11	0.056	4700	300
VOC	1,2,4-Trimethylbenzene	201-E04	Phase 1A	5	0.00053 - 350	132	4700	300
VOC	1,2,4-Trimethylbenzene	201-E05	Phase 1A	26	U (1.3) - 7.8	0.77	4700	300
VOC	1,2,4-Trimethylbenzene	201-F01	Phase 1A	48	U (0.61) - 50	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	201-F02	Phase 1A	7	U (0.22) - 0.0012	0.027	4700	300
VOC	1,2,4-Trimethylbenzene	201-F03	Phase 1A	34	U (24) - 320	13	4700	300
VOC	1,2,4-Trimethylbenzene	201-F04	Phase 1A	20	U (1.5) - 66	3.5	4700	300
VOC	1,2,4-Trimethylbenzene	202-A03	Phase 1A	8	0.0077 - 64	8.0	4700	300
VOC	1,2,4-Trimethylbenzene	202-A04	Phase 1A	4	0.19 - 0.76	0.35	4700	300
VOC	1,2,4-Trimethylbenzene	202-A05	Phase 1A	4	U (0.0022)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	202-A06	Phase 1A	4	U (0.002)	0.00091	4700	300
VOC	1,2,4-Trimethylbenzene	202-A07	Phase 1A	3	U (0.0023)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	202-A08	Phase 1A	3	U (0.0025) - 0.00034	0.00088	4700	300
VOC	1,2,4-Trimethylbenzene	202-A09	Phase 1A	6	U (0.0023) - 0.00041	0.00087	4700	300
VOC	1,2,4-Trimethylbenzene	202-B01	Phase 1A	2	U (0.0049) - 0.0013	0.0014	4700	300
VOC	1,2,4-Trimethylbenzene	202-B02	Phase 1A	16	U (0.31) - 6.5	0.45	4700	300
VOC	1,2,4-Trimethylbenzene	202-B03	Phase 1A	15	U (0.21) - 9.4	0.73	4700	300
VOC	1,2,4-Trimethylbenzene	202-B04	Phase 1A	3	U (0.13)	0.022	4700	300
VOC	1,2,4-Trimethylbenzene	202-B09	Phase 1A	9	U (0.13) - 0.04	0.0064	4700	300
VOC	1,2,4-Trimethylbenzene	202-C04	Phase 1A	7	U (0.0043) - 0.0031	0.0017	4700	300
VOC	1,2,4-Trimethylbenzene	202-C05	Phase 1A	20	U (0.33) - 11	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	202-C06	Phase 1A	1	U (0.0019)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	202-C07	Phase 1A	1	U (0.0044)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	202-D05	Phase 1A	3	6.95 - 13.6	6.9	4700	300
VOC	1,2,4-Trimethylbenzene	202-D06	Phase 1A	3	U (0.0044) - 0.0437	0.016	4700	300
VOC	1,2,4-Trimethylbenzene	202-E06	Phase 1A	2	0.0024 - 0.0024	0.0020	4700	300
VOC	1,2,4-Trimethylbenzene	202-E08	Phase 1A	11	0.033 - 12	1.1	4700	300
VOC	1,2,4-Trimethylbenzene	202-E09	Phase 1A	13	U (0.14) - 14	2.2	4700	300
VOC	1,2,4-Trimethylbenzene	202-E10	Phase 1A	4	U (0.0021) - 0.015	0.0059	4700	300
VOC	1,2,4-Trimethylbenzene	202-E12	Phase 1A	2	U (0.0022)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	202-F04	Phase 1A	7	U (0.13) - 2.2	0.32	4700	300
VOC	1,2,4-Trimethylbenzene	202-F05	Phase 1A	1	U (0.0022)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	202-F07	Phase 1A	9	0.00081 - 35	5.3	4700	300
VOC	1,2,4-Trimethylbenzene	202-F08	Phase 1A	3	0.0013 - 0.0013	0.0017	4700	300
VOC	1,2,4-Trimethylbenzene	202-F10	Phase 1A	2	U (0.11) - 0.058	0.030	4700	300
VOC	1,2,4-Trimethylbenzene	202-F13	Phase 1A	1	U (0.006)	0.0030	4700	300
VOC	1,2,4-Trimethylbenzene	202-F14	Phase 1A	2	U (0.0057)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	202-F16	Phase 1A	1	U (0.0045)	0.0023	4700	300
VOC	1,2,4-Trimethylbenzene	202-F17	Phase 1A	8	U (0.0043)	0.0014	4700	300
VOC	1,2,4-Trimethylbenzene	202-G01	Phase 1A	8	U (0.0023)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	202-G02	Phase 1A	13	U (0.13) - 0.054	0.0051	4700	300
VOC	1,2,4-Trimethylbenzene	202-G03	Phase 1A	9	U (0.0038)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	202-G04	Phase 1A	1	U (0.0058)	0.0029	4700	300
VOC	1,2,4-Trimethylbenzene	202-G05	Phase 1A	1	U (0.0045)	0.0023	4700	300
VOC	1,2,4-Trimethylbenzene	202-G07	Phase 1A	16	U (0.15) - 0.17	0.021	4700	300
VOC	1,2,4-Trimethylbenzene	202-H03	Phase 1A	6	0.0032 - 75.4	18	4700	300
VOC	1,2,4-Trimethylbenzene	202-H05	Phase 1A	1	U (0.0055)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	202-H06	Phase 1A	2	U (0.0063)	0.0029	4700	300
VOC	1,2,4-Trimethylbenzene	202-H07	Phase 1A	2	U (0.0056)	0.0027	4700	300
VOC	1,2,4-Trimethylbenzene	202-H08	Phase 1A	3	U (0.0039)	0.0015	4700	300
VOC	1,2,4-Trimethylbenzene	202-H09	Phase 1A	4	0.0025 - 0.2	0.053	4700	300
VOC	1,2,4-Trimethylbenzene	202-H11	Phase 1A	10	U (0.14) - 15	2.7	4700	300
VOC	1,2,4-Trimethylbenzene	202-I01	Phase 1A	2	U (0.0021)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	202-I04	Phase 1A	4	U (0.0036) - 0.00061	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	202-J01	Phase 1A	6	U (0.12) - 0.16	0.028	4700	300
VOC	1,2,4-Trimethylbenzene	202-J02	Phase 1A	5	U (0.12) - 15	3.0	4700	300
VOC	1,2,4-Trimethylbenzene	202-J03	Phase 1A	11	0.0014 - 170	53	4700	300

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,2,4-Trimethylbenzene	202-J04	Phase 1A	8	0.0013 - 99	45	4700	300
VOC	1,2,4-Trimethylbenzene	202-J07	Phase 1A	8	0.0015 - 43	8.8	4700	300
VOC	1,2,4-Trimethylbenzene	202-J09	Phase 1A	2	0.044 - 0.044	0.25	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA01	Phase 1A	1	U (0.0027)	0.0014	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA02	Phase 1B	2	0.0025 - 0.0025	0.0018	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA05	Phase 1B	11	0.0011 - 4	0.48	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA06	Phase 1A	11	U (0.67) - 3.6	0.37	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA07	Phase 1A	4	0.0013 - 26.8	6.7	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA08	Phase 1A	3	U (0.28) - 0.58	0.23	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA09	Phase 1A	3	U (0.48)	0.17	4700	300
VOC	1,2,4-Trimethylbenzene	301-AB04	Phase 1A	3	0.022 - 2.1	0.71	4700	300
VOC	1,2,4-Trimethylbenzene	301-AB05	Phase 1B	6	U (1.1) - 0.00096	0.093	4700	300
VOC	1,2,4-Trimethylbenzene	301-AB06	Phase 1A	2	0.08 - 0.08	0.041	4700	300
VOC	1,2,4-Trimethylbenzene	301-AB07	Phase 1A	1	0.045 - 0.045	0.045	4700	300
VOC	1,2,4-Trimethylbenzene	301-AB09	Phase 1A	2	U (0.0059) - 0.0095	0.0059	4700	300
VOC	1,2,4-Trimethylbenzene	301-AC03	Phase 1B	2	U (0.005)	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	301-AC04	Phase 1A	25	U (0.39) - 6	0.30	4700	300
VOC	1,2,4-Trimethylbenzene	301-AC07	Phase 1A	10	0.0016 - 0.036	0.0060	4700	300
VOC	1,2,4-Trimethylbenzene	301-AC08	Phase 1A	7	U (0.5) - 2	0.29	4700	300
VOC	1,2,4-Trimethylbenzene	301-AC09	Phase 1A	6	U (0.0022) - 0.00033	0.00090	4700	300
VOC	1,2,4-Trimethylbenzene	301-B01	Phase 1A	1	U (0.0058)	0.0029	4700	300
VOC	1,2,4-Trimethylbenzene	301-C01	Phase 1A	3	0.063 - 660	220	4700	300
VOC	1,2,4-Trimethylbenzene	301-C02	Phase 1A	8	0.00092 - 6.9	1.1	4700	300
VOC	1,2,4-Trimethylbenzene	301-D01	Phase 1A	31	0.00052 - 530	88	4700	300
VOC	1,2,4-Trimethylbenzene	301-E02	Phase 1A	32	U (27) - 870	72	4700	300
VOC	1,2,4-Trimethylbenzene	301-E03	Phase 1A	5	U (0.31) - 0.05	0.040	4700	300
VOC	1,2,4-Trimethylbenzene	301-F02	Phase 1A	7	U (2.1) - 53	7.8	4700	300
VOC	1,2,4-Trimethylbenzene	301-G01	Phase 1A	2	0.022 - 2	1.0	4700	300
VOC	1,2,4-Trimethylbenzene	301-G02	Phase 1A	3	0.005 - 28	14	4700	300
VOC	1,2,4-Trimethylbenzene	301-G03	Phase 1A	1	14 - 14	14	4700	300
VOC	1,2,4-Trimethylbenzene	301-H01	Phase 1A	20	0.0018 - 180	30	4700	300
VOC	1,2,4-Trimethylbenzene	301-H02	Phase 1A	3	0.002 - 0.006	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	301-H03	Phase 1A	2	0.14 - 87	44	4700	300
VOC	1,2,4-Trimethylbenzene	301-I01	Phase 1A	9	U (1.1) - 62	11	4700	300
VOC	1,2,4-Trimethylbenzene	301-I02	Phase 1A	1	0.049 - 0.049	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	301-J01	Phase 1A	4	U (0.24) - 8.8	2.2	4700	300
VOC	1,2,4-Trimethylbenzene	301-J02	Phase 1A	7	U (0.61) - 50	17	4700	300
VOC	1,2,4-Trimethylbenzene	301-K01	Phase 1A	9	0.05 - 3.3	0.47	4700	300
VOC	1,2,4-Trimethylbenzene	301-K02	Phase 1A	3	U (0.24) - 0.3	0.16	4700	300
VOC	1,2,4-Trimethylbenzene	301-L01	Phase 1C	7	U (0.32)	0.086	4700	300
VOC	1,2,4-Trimethylbenzene	301-L02	Phase 1A	8	0.086 - 340	49	4700	300
VOC	1,2,4-Trimethylbenzene	301-L03	Phase 1A	5	0.0003 - 2.6	0.76	4700	300
VOC	1,2,4-Trimethylbenzene	301-M02	Phase 1A	5	U (0.22) - 0.3	0.089	4700	300
VOC	1,2,4-Trimethylbenzene	301-M03	Phase 1A	3	0.032 - 0.17	0.092	4700	300
VOC	1,2,4-Trimethylbenzene	301-N02	Phase 1A	3	U (0.22)	0.071	4700	300
VOC	1,2,4-Trimethylbenzene	301-P02	Phase 1A	2	2.29 - 2.64	2.5	4700	300
VOC	1,2,4-Trimethylbenzene	301-Q04	Phase 1A	5	U (0.234) - 0.588	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	301-R02	Phase 1A	6	U (0.26)	0.024	4700	300
VOC	1,2,4-Trimethylbenzene	301-S02	Phase 1A	4	U (0.0054)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	301-T01	Phase 1B	5	1.79 - 1.79	0.45	4700	300
VOC	1,2,4-Trimethylbenzene	301-T02	Phase 1B	2	0.198 - 0.67	0.43	4700	300
VOC	1,2,4-Trimethylbenzene	301-T03	Phase 1C	2	0.011 - 0.011	0.0069	4700	300
VOC	1,2,4-Trimethylbenzene	301-T04	Phase 1A	2	U (0.3)	0.076	4700	300
VOC	1,2,4-Trimethylbenzene	301-U01	Phase 1B	2	U (0.29) - 0.19	0.096	4700	300
VOC	1,2,4-Trimethylbenzene	301-U03	Phase 1B	1	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	301-V01	Phase 1B	7	0.0015 - 0.7	0.17	4700	300
VOC	1,2,4-Trimethylbenzene	301-V02	Phase 1B	20	U (0.54) - 0.0015	0.054	4700	300
VOC	1,2,4-Trimethylbenzene	301-V04	Phase 1A	29	U (1.3) - 56	2.4	4700	300
VOC	1,2,4-Trimethylbenzene	301-W01	Phase 1B	24	U (0.69) - 7.3	0.36	4700	300
VOC	1,2,4-Trimethylbenzene	301-W03	Phase 1A	4	U (0.27) - 0.15	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	301-X01	Phase 1B	9	0.003 - 3.3	0.41	4700	300
VOC	1,2,4-Trimethylbenzene	301-X03	Phase 1A	3	U (0.25)	0.079	4700	300
VOC	1,2,4-Trimethylbenzene	301-Y01	Phase 1B	5	U (0.21) - 9.94	2.0	4700	300
VOC	1,2,4-Trimethylbenzene	301-Y03	Phase 1A	2	U (0.6)	0.15	4700	300
VOC	1,2,4-Trimethylbenzene	301-Y04	Phase 1A	3	U (0.28)	0.092	4700	300
VOC	1,2,4-Trimethylbenzene	301-Y05	Phase 1A	6	0.047 - 19	7.9	4700	300
VOC	1,2,4-Trimethylbenzene	301-Z01	Phase 1B	6	0.0013 - 0.0017	0.0012	4700	300
VOC	1,2,4-Trimethylbenzene	301-Z02	Phase 1B	2	U (0.005)	0.0017	4700	300
VOC	1,2,4-Trimethylbenzene	301-Z03	Phase 1B	5	0.00093 - 0.0895	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	301-Z04	Phase 1A	14	0.052 - 12	2.5	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD02	Phase 1C	2	U (0.004)	0.0016	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD06	Phase 1B	12	U (0.5) - 3	0.27	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD07	Phase 1B	2	U (0.0025)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD08	Phase 1A	2	U (0.0024)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD09	Phase 1A	3	U (0.0056)	0.0026	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD10	Phase 1A	4	2 - 7.1	2.3	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE01	Phase 1C	1	U (0.006)	0.0030	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE02	Phase 1C	2	U (0.007)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE04	Phase 1B	8	0.00054 - 0.12	0.022	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE05	Phase 1B	20	0.0014 - 0.072	0.0058	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE07	Phase 1B	3	U (0.47) - 0.00059	0.079	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE08	Phase 1B	3	U (0.0021) - 0.00096	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE09	Phase 1A	4	U (0.0019)	0.00091	4700	300

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,2,4-Trimethylbenzene	302-AF01	Phase 1C	1	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF02	Phase 1C	4	U (0.007)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF03	Phase 1B	2	0.85 - 19	9.93	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF04	Phase 1B	11	0.0057 - 0.68	0.083	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF05	Phase 1B	2	49.3 - 49.3	25	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF06	Phase 1A	9	U (1.2) - 92	10	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF09	Phase 1B	5	U (0.51) - 0.445	0.090	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG02	Phase 1C	2	U (1.7)	0.43	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG04	Phase 1B	3	4.49 - 4.49	1.5	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG06	Phase 1B	5	U (1) - 4.3	0.91	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG07	Phase 1A	7	U (0.0027) - 0.0018	0.0012	4700	300
VOC	1,2,4-Trimethylbenzene	302-AH01	Phase 1C	2	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AH05	Phase 1B	11	0.00047 - 20.5	2.7	4700	300
VOC	1,2,4-Trimethylbenzene	302-AH06	Phase 1B	4	U (0.0064)	0.0019	4700	300
VOC	1,2,4-Trimethylbenzene	302-AH07	Phase 1B	11	U (0.0046)	0.0012	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI01	Phase 1C	2	U (0.0023)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI05	Phase 1B	11	U (0.22) - 9.4	0.87	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI06	Phase 1B	19	U (0.2) - 0.044	0.0095	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI07	Phase 1B	8	0.327 - 0.327	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI08	Phase 1B	1	0.362 - 0.362	0.36	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI09	Phase 1B	3	U (0.0044)	0.0018	4700	300
VOC	1,2,4-Trimethylbenzene	302-AJ05	Phase 1B	2	U (0.0024)	0.0012	4700	300
VOC	1,2,4-Trimethylbenzene	302-AJ06	Phase 1B	5	U (0.0035) - 0.0079	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AK05	Phase 1B	2	U (0.00118)	0.00058	4700	300
VOC	1,2,4-Trimethylbenzene	302-AK07	Phase 1B	2	U (0.202)	0.051	4700	300
VOC	1,2,4-Trimethylbenzene	302-AL01	Phase 1C	2	U (0.43)	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	302-AL03	Phase 1B	2	63.6 - 63.6	32	4700	300
VOC	1,2,4-Trimethylbenzene	302-AL08	Phase 1B	2	U (0.0045)	0.0019	4700	300
VOC	1,2,4-Trimethylbenzene	302-AN01	Phase 1B	2	U (0.0061)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	302-AN02	Phase 1A	2	U (0.0012)	0.00057	4700	300
VOC	1,2,4-Trimethylbenzene	302-AN03	Phase 1B	1	U (0.004)	0.0020	4700	300
VOC	1,2,4-Trimethylbenzene	302-AO03	Phase 1A	2	U (0.00127)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	302-AO05	Phase 1B	1	U (0.005)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AP02	Phase 1B	2	0.0082 - 0.0082	0.0047	4700	300
VOC	1,2,4-Trimethylbenzene	302-AP03	Phase 1B	16	0.02 - 1.15	0.083	4700	300
VOC	1,2,4-Trimethylbenzene	302-AP04	Phase 1B	3	0.001 - 1.17	0.39	4700	300
VOC	1,2,4-Trimethylbenzene	302-AP05	Phase 1B	2	U (0.0027)	0.0013	4700	300
VOC	1,2,4-Trimethylbenzene	302-AQ01	Phase 1B	2	U (0.006)	0.0030	4700	300
VOC	1,2,4-Trimethylbenzene	302-AQ02	Phase 1A	9	U (0.5) - 5.1	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	302-AQ04	Phase 1B	2	U (0.0044)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	302-AR01	Phase 1B	2	U (0.006)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	302-AR02	Phase 1A	4	U (0.0025)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	302-AR04	Phase 1B	3	U (0.0055)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AS03	Phase 1A	13	U (0.53) - 0.0887	0.010	4700	300
VOC	1,2,4-Trimethylbenzene	302-AS04	Phase 1B	2	U (0.00127)	0.00062	4700	300
VOC	1,2,4-Trimethylbenzene	302-AT02	Phase 1B	2	2.8 - 2.8	1.4	4700	300
VOC	1,2,4-Trimethylbenzene	302-AT03	Phase 1B	4	U (0.57)	0.073	4700	300
VOC	1,2,4-Trimethylbenzene	302-AU01	Phase 1B	2	U (0.0052)	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	302-AU02	Phase 1B	8	U (0.11)	0.0080	4700	300
VOC	1,2,4-Trimethylbenzene	302-AU03	Phase 1B	2	U (0.0019)	0.00090	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV01	Phase 1A	6	U (0.008) - 0.0057	0.0029	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV02	Phase 1B	4	U (0.54) - 25	6.3	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV03	Phase 1A	6	U (0.22) - 15	2.5	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV04	Phase 1B	2	U (0.00126)	0.00062	4700	300
VOC	1,2,4-Trimethylbenzene	302-AW01	Phase 1A	8	U (0.49) - 0.83	0.19	4700	300
VOC	1,2,4-Trimethylbenzene	302-AW02	Phase 1B	2	U (0.28)	0.071	4700	300
VOC	1,2,4-Trimethylbenzene	302-AW03	Phase 1A	2	U (0.0019)	0.00090	4700	300
VOC	1,2,4-Trimethylbenzene	302-AX01	Phase 1A	5	U (0.24) - 0.62	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	302-AX02	Phase 1B	3	0.0004 - 0.0004	0.089	4700	300
VOC	1,2,4-Trimethylbenzene	302-AX05	Phase 1A	2	U (0.00125)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	302-AY02	Phase 1B	11	0.00067 - 280	26	4700	300
VOC	1,2,4-Trimethylbenzene	302-AY03	Phase 1B	2	U (0.0064) - 0.00068	0.0016	4700	300
VOC	1,2,4-Trimethylbenzene	302-AY05	Phase 1B	2	U (0.00124)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	302-AZ02	Phase 1B	3	U (4.6) - 16	5.3	4700	300
VOC	1,2,4-Trimethylbenzene	302-AZ03	Phase 1B	1	0.079 - 0.079	0.079	4700	300
VOC	1,2,4-Trimethylbenzene	302-AZ05	Phase 1A	2	U (0.0027)	0.0013	4700	300
VOC	1,2,4-Trimethylbenzene	302-BA05	Phase 1A	2	0.0973 - 33.9	17	4700	300
VOC	1,2,4-Trimethylbenzene	302-BB06	Phase 1A	5	U (0.12) - 0.78	0.20	4700	300
VOC	1,2,4-Trimethylbenzene	302-BB07	Phase 1B	49	0.00034 - 720	76	4700	300
VOC	1,2,4-Trimethylbenzene	302-BC05	Phase 1A	19	U (0.13) - 4.4	0.30	4700	300
VOC	1,2,4-Trimethylbenzene	302-BC06	Phase 1B	7	0.00038 - 460	68	4700	300
VOC	1,2,4-Trimethylbenzene	302-BD05	Phase 1A	4	U (0.0022)	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	302-BE04	Phase 1A	4	U (0.006)	0.0015	4700	300
VOC	1,2,4-Trimethylbenzene	303-AY01	Phase 1A	4	U (0.005) - 0.0012	0.0015	4700	300
VOC	1,2,4-Trimethylbenzene	303-AZ01	Phase 1A	5	U (5.2) - 1.2	0.66	4700	300
VOC	1,2,4-Trimethylbenzene	303-BA01	Phase 1A	8	U (0.0038) - 0.0033	0.0015	4700	300
VOC	1,2,4-Trimethylbenzene	303-BA02	Phase 1A	7	U (0.49) - 7.3	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	303-BB01	Phase 1A	2	U (0.005)	0.0023	4700	300
VOC	1,2,4-Trimethylbenzene	303-BB02	Phase 1A	5	0.00091 - 0.00091	0.065	4700	300
VOC	1,2,4-Trimethylbenzene	303-BC01	Phase 1A	4	U (0.0022) - 0.00068	0.00093	4700	300
VOC	1,2,4-Trimethylbenzene	303-BD04	Phase 1A	6	U (0.25) - 5.2	0.87	4700	300
VOC	1,2,4-Trimethylbenzene	303-BE03	Phase 1A	31	0.00098 - 20	1.2	4700	300
VOC	1,2,4-Trimethylbenzene	303-BF05	Phase 1A	13	U (2.2) - 20	1.6	4700	300

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,2,4-Trimethylbenzene	303-BG04	Phase 1A	27	U (17) - 1800	76	4700	300
VOC	1,2,4-Trimethylbenzene	303-BH02	Phase 1A	20	0.00051 - 80	4.8	4700	300
VOC	1,2,4-Trimethylbenzene	303-BI03	Phase 1A	6	0.00081 - 0.0032	0.0018	4700	300
VOC	1,2,4-Trimethylbenzene	303-BJ01	Phase 1A	3	0.0017 - 0.22	0.12	4700	300
VOC	1,2,4-Trimethylbenzene	303-BJ02	Phase 1A	3	U (0.0065)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	303-BK03	Phase 1A	7	0.009 - 2.7	0.74	4700	300
VOC	1,2,4-Trimethylbenzene	303-BL02	Phase 1A	13	0.00085 - 0.78	0.074	4700	300
VOC	1,2,4-Trimethylbenzene	303-BM02	Phase 1A	2	0.0039 - 0.0039	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	303-BN02	Phase 1A	15	U (0.25) - 16	1.1	4700	300
VOC	1,2,4-Trimethylbenzene	303-BN03	Phase 1A	14	0.00038 - 0.481	0.062	4700	300
VOC	1,2,4-Trimethylbenzene	303-BO02	Phase 1A	16	0.00067 - 10	1.1	4700	300
VOC	1,2,4-Trimethylbenzene	303-BP02	Phase 1A	42	0.00039 - 79	11	4700	300
VOC	1,2,4-Trimethylbenzene	303-BQ01	Phase 1A	3	U (0.66)	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	303-BQ02	Phase 1A	16	0.0079 - 330	33	4700	300
VOC	1,2,4-Trimethylbenzene	303-BR02	Phase 1A	5	0.0555 - 0.135	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	303-BT01	Phase 1A	13	U (2.9) - 19	1.5	4700	300
VOC	1,2,4-Trimethylbenzene	303-BW01	Phase 1A	1	0.0245 - 0.0245	0.025	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-02	Innovation Campus, Parcel B	6	0.0258 - 0.324	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-03	Innovation Campus, Parcel B	2	U (0.00132)	0.00064	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-04	Innovation Campus, Parcel B	2	U (0.403)	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-06	Innovation Campus, Parcel B	2	U (0.189)	0.048	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-07	Innovation Campus, Parcel B	4	U (0.0521) - 0.564	0.14	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-08	Innovation Campus, Parcel B	2	U (0.522)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-10	Innovation Campus, Parcel B	2	U (0.139)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-14	Innovation Campus, Parcel B	2	U (0.024) - 0.0512	0.026	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-15	Innovation Campus, Parcel B	2	3.52 - 3.52	1.8	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-21	Innovation Campus, Parcel B	2	U (0.0013)	0.00063	4700	300
VOC	1,2,4-Trimethylbenzene	101-D20-C	Innovation Campus	21	U (0.003) - 0.0028	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	101-G24-C	Innovation Campus	2	U (0.00141)	0.00063	4700	300
VOC	1,2,4-Trimethylbenzene	101-H24-C	Innovation Campus	2	U (0.0057)	0.0026	4700	300
VOC	1,2,4-Trimethylbenzene	101-I25-C	Innovation Campus	2	0.044 - 0.044	0.024	4700	300
VOC	1,2,4-Trimethylbenzene	101-J23-C	Innovation Campus	2	U (0.5)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	101-L31-C	Innovation Campus	2	U (0.00132)	0.00065	4700	300
VOC	1,2,4-Trimethylbenzene	101-U37-C	Innovation Campus	4	U (0.0218)	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	102-E08-C	Innovation Campus	2	U (0.403)	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	102-G23-C	Innovation Campus	2	U (0.0276)	0.0073	4700	300
VOC	1,2,4-Trimethylbenzene	103-A10-C	Innovation Campus	4	U (0.522)	0.083	4700	300
VOC	1,2,4-Trimethylbenzene	103-A10-S	Innovation Campus	2	U (0.522)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	103-A15-S	Innovation Campus	2	U (0.139)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.0512	0.026	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-A02	Innovation Campus	1	U (0.0018)	0.00090	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-A03	Innovation Campus	1	U (0.0028)	0.0014	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-A04	Innovation Campus	1	U (0.0019)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-B02	Innovation Campus	14	0.00021 - 0.00021	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-B03	Innovation Campus	4	3.67 - 3.67	0.92	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C01	Innovation Campus	27	U (0.0394) - 0.0022	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C02	Innovation Campus	11	U (0.3) - 0.24	0.037	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C04	Innovation Campus	2	U (0.0246) - 0.0454	0.023	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D01	Innovation Campus	2	0.163 - 0.179	0.17	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D03	Innovation Campus	2	U (0.00131)	0.00064	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D04	Innovation Campus	2	U (0.00122)	0.00058	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D05	Innovation Campus	4	U (0.0301) - 0.59	0.15	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D06	Innovation Campus	2	U (0.0265)	0.0069	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D07	Innovation Campus	2	U (0.137)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-E01	Innovation Campus	2	U (0.0836)	0.021	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-E04	Innovation Campus	2	2.01 - 51.8	27	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-F01	Innovation Campus	2	U (0.633)	0.16	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-F04	Innovation Campus	8	U (0.00151)	0.00061	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G01	Innovation Campus	2	U (0.141) - 0.13	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G02	Innovation Campus	2	U (0.734)	0.23	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G03	Innovation Campus	2	3.52 - 3.52	1.8	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G07	Innovation Campus	2	U (0.0013)	0.00063	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G08	Innovation Campus	2	U (0.00125) - 0.0205	0.011	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H03	Innovation Campus	2	U (0.00118)	0.00059	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H04	Innovation Campus	2	U (0.0207)	0.0055	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H07	Innovation Campus	2	U (0.0184) - 0.0896	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-I01	Innovation Campus	4	U (0.189)	0.024	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-I03	Innovation Campus	2	U (0.141)	0.036	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-B01	Innovation Campus	1	U (0.0035)	0.0018	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-C01	Innovation Campus	2	U (0.0216)	0.010	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-E01	Innovation Campus	2	1.47 - 58.7	30	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-G02	Innovation Campus	1	U (0.00138)	0.00069	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-H02	Innovation Campus	2	U (0.236)	0.059	4700	300
VOC	1,2,4-Trimethylbenzene	LS-E-B01	Innovation Campus	93	U (2.1) - 94	2.1	4700	300
VOC	1,2,4-Trimethylbenzene	LS-E-G01	Innovation Campus	2	U (0.00126)	0.00060	4700	300
VOC	1,3,5-Trimethylbenzene	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.55) - 0.0179	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-08	Major Amendment 3 Resampling	2	0.0308 - 0.0567	0.044	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-10	Major Amendment 3 Resampling	15	0.065 - 7.7	1.4	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-11	Major Amendment 3 Resampling	18	U (0.63) - 53	12	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.54)	0.050	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.0056)	0.0027	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.45) - 0.0854	0.030	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.021 - 1.7	0.27	4700	93

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,3,5-Trimethylbenzene	401-MA3-1-16	Major Amendment 3 Resampling	1	1.1 - 1.1	1.1	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.0074 - 2.6	0.42	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-21	Major Amendment 3 Resampling	7	U (6) - 100	17	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46)	0.091	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.19)	0.049	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.0066 - 3.5	1.2	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.0043)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.45)	0.047	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (2.65) - 51	9.5	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33) - 0.61	0.31	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.33)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-56	Major Amendment 3 Resampling	2	1.8 - 1.8	0.90	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.36)	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.32) - 7.5	1.9	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.59) - 0.0335	0.045	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-72	Major Amendment 3 Resampling	4	U (0.6) - 0.0244	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	402-MA3-1-03	Major Amendment 3 Resampling	49	U (0.66) - 0.54	0.031	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-04	Major Amendment 3 Resampling	4	U (0.0023)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.12) - 0.39	0.038	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.0024)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29) - 0.33	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.12) - 0.045	0.012	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-01	Major Amendment 3 Resampling	21	U (1.3) - 0.26	0.056	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-02	Major Amendment 3 Resampling	8	U (0.8) - 0.0027	0.059	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-03	Major Amendment 3 Resampling	4	0.0432 - 0.0432	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-05	Major Amendment 3 Resampling	67	U (170)	2.3	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-06	Major Amendment 3 Resampling	3	U (0.011) - 0.006	0.0046	4700	93
VOC	1,3,5-Trimethylbenzene	401-A01	Major Amendment 3	4	U (0.55) - 0.0179	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	401-E02	Major Amendment 3	35	0.01 - 53	6.6	4700	93
VOC	1,3,5-Trimethylbenzene	401-F01	Major Amendment 3	8	U (0.54)	0.050	4700	93
VOC	1,3,5-Trimethylbenzene	401-G01	Major Amendment 3	3	U (0.0056)	0.0027	4700	93
VOC	1,3,5-Trimethylbenzene	401-H01	Major Amendment 3	3	U (0.45) - 0.0854	0.030	4700	93
VOC	1,3,5-Trimethylbenzene	401-H02	Major Amendment 3	19	0.0074 - 2.6	0.37	4700	93
VOC	1,3,5-Trimethylbenzene	401-I01	Major Amendment 3	1	U (5.3)	2.7	4700	93
VOC	1,3,5-Trimethylbenzene	401-J01	Major Amendment 3	7	U (6) - 100	17	4700	93
VOC	1,3,5-Trimethylbenzene	401-K01	Major Amendment 3	5	U (0.46)	0.091	4700	93
VOC	1,3,5-Trimethylbenzene	401-L01	Major Amendment 3	2	U (0.19)	0.049	4700	93
VOC	1,3,5-Trimethylbenzene	401-L02	Major Amendment 3	6	0.0066 - 3.5	0.59	4700	93
VOC	1,3,5-Trimethylbenzene	401-N01	Major Amendment 3	2	U (0.24)	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	401-O01	Major Amendment 3	1	U (0.0043)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	401-P01	Major Amendment 3	5	U (0.45)	0.047	4700	93
VOC	1,3,5-Trimethylbenzene	401-Q01	Major Amendment 3	33	U (5.1) - 5.7	0.33	4700	93
VOC	1,3,5-Trimethylbenzene	401-R01	Major Amendment 3	4	U (0.6) - 0.0244	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	402-A01	Major Amendment 3	41	U (1.2) - 6.2	0.50	4700	93
VOC	1,3,5-Trimethylbenzene	402-B01	Major Amendment 3	97	U (1.3) - 33	0.97	4700	93
VOC	1,3,5-Trimethylbenzene	402-C01	Major Amendment 3	3	U (0.005)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	403-A01	Major Amendment 3	2	U (0.00124)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	403-C01	Major Amendment 3	5	U (11) - 102	20	4700	93
VOC	1,3,5-Trimethylbenzene	403-C02	Major Amendment 3	4	U (0.0023)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	403-D01	Major Amendment 3	13	U (0.12) - 0.39	0.038	4700	93
VOC	1,3,5-Trimethylbenzene	403-E01	Major Amendment 3	4	U (0.12) - 0.045	0.012	4700	93
VOC	1,3,5-Trimethylbenzene	403-F01	Major Amendment 3	7	U (0.23) - 0.053	0.0092	4700	93
VOC	1,3,5-Trimethylbenzene	403-G01	Major Amendment 3	2	U (0.0044)	0.0021	4700	93
VOC	1,3,5-Trimethylbenzene	404-A01	Major Amendment 3	19	0.00026 - 0.002	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	404-B01	Major Amendment 3	24	U (0.77) - 0.0232	0.036	4700	93
VOC	1,3,5-Trimethylbenzene	404-B02	Major Amendment 3	8	U (0.011) - 0.006	0.0026	4700	93
VOC	1,3,5-Trimethylbenzene	404-C01	Major Amendment 3	2	U (0.58) - 0.34	0.32	4700	93
VOC	1,3,5-Trimethylbenzene	404-D01	Major Amendment 3	6	0.00053 - 19	4.4	4700	93
VOC	1,3,5-Trimethylbenzene	404-E01	Major Amendment 3	30	U (1.5) - 7.8	0.78	4700	93
VOC	1,3,5-Trimethylbenzene	404-F01	Major Amendment 3	22	U (1.6) - 22	4.2	4700	93
VOC	1,3,5-Trimethylbenzene	201-A01	Phase 1A	7	0.0024 - 47.8	14	4700	93
VOC	1,3,5-Trimethylbenzene	201-A02	Phase 1A	14	0.00026 - 1000	95	4700	93
VOC	1,3,5-Trimethylbenzene	201-A03	Phase 1A	7	0.0026 - 340	99	4700	93
VOC	1,3,5-Trimethylbenzene	201-A04	Phase 1A	31	0.00046 - 790	98	4700	93
VOC	1,3,5-Trimethylbenzene	201-A05	Phase 1A	9	0.52 - 110	27	4700	93
VOC	1,3,5-Trimethylbenzene	201-A06	Phase 1A	10	U (0.47) - 7.7	0.86	4700	93
VOC	1,3,5-Trimethylbenzene	201-A07	Phase 1A	12	0.16 - 200	59	4700	93
VOC	1,3,5-Trimethylbenzene	201-A08	Phase 1A	7	0.28 - 66	10	4700	93
VOC	1,3,5-Trimethylbenzene	201-A09	Phase 1A	8	0.019 - 260	76	4700	93
VOC	1,3,5-Trimethylbenzene	201-A10	Phase 1A	8	U (0.19) - 10	1.3	4700	93
VOC	1,3,5-Trimethylbenzene	201-A11	Phase 1A	8	0.00028 - 93	12	4700	93
VOC	1,3,5-Trimethylbenzene	201-A12	Phase 1A	16	0.00088 - 94.8	7.2	4700	93
VOC	1,3,5-Trimethylbenzene	201-A13	Phase 1A	17	0.0024 - 98	17	4700	93
VOC	1,3,5-Trimethylbenzene	201-A14	Phase 1A	21	U (0.64) - 0.5	0.087	4700	93
VOC	1,3,5-Trimethylbenzene	201-A15	Phase 1A	8	U (0.84)	0.14	4700	93

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,3,5-Trimethylbenzene	201-B01	Phase 1A	4	U (0.17) - 13	3.3	4700	93
VOC	1,3,5-Trimethylbenzene	201-B02	Phase 1A	10	0.15 - 260	47	4700	93
VOC	1,3,5-Trimethylbenzene	201-B03	Phase 1A	1	0.27 - 0.27	0.27	4700	93
VOC	1,3,5-Trimethylbenzene	201-B04	Phase 1A	11	0.00044 - 13	2.8	4700	93
VOC	1,3,5-Trimethylbenzene	201-B05	Phase 1A	3	0.019 - 0.046	0.030	4700	93
VOC	1,3,5-Trimethylbenzene	201-B06	Phase 1A	1	0.49 - 0.49	0.49	4700	93
VOC	1,3,5-Trimethylbenzene	201-B07	Phase 1A	14	0.0009 - 37	5.5	4700	93
VOC	1,3,5-Trimethylbenzene	201-B08	Phase 1A	10	U (0.14) - 1.7	0.30	4700	93
VOC	1,3,5-Trimethylbenzene	201-B09	Phase 1A	10	0.001 - 0.27	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	201-B11	Phase 1A	31	U (0.57) - 19	0.79	4700	93
VOC	1,3,5-Trimethylbenzene	201-B12	Phase 1A	18	0.00021 - 3.35	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	201-C01	Phase 1A	15	0.0038 - 110	20	4700	93
VOC	1,3,5-Trimethylbenzene	201-C02	Phase 1A	2	0.019 - 0.037	0.028	4700	93
VOC	1,3,5-Trimethylbenzene	201-C04	Phase 1A	14	0.016 - 29	4.8	4700	93
VOC	1,3,5-Trimethylbenzene	201-C05	Phase 1A	3	U (0.47)	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	201-C06	Phase 1A	14	U (0.26) - 4.2	0.73	4700	93
VOC	1,3,5-Trimethylbenzene	201-C07	Phase 1A	11	0.069 - 359	89	4700	93
VOC	1,3,5-Trimethylbenzene	201-C08	Phase 1A	20	0.0079 - 310	35	4700	93
VOC	1,3,5-Trimethylbenzene	201-C09	Phase 1A	7	U (0.093) - 3	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	201-C10	Phase 1A	3	U (0.225) - 12.1	4.0	4700	93
VOC	1,3,5-Trimethylbenzene	201-C11	Phase 1A	1	17.1 - 17.1	17	4700	93
VOC	1,3,5-Trimethylbenzene	201-D01	Phase 1A	3	U (0.0061)	0.0026	4700	93
VOC	1,3,5-Trimethylbenzene	201-D05	Phase 1A	8	U (3.5) - 14.6	3.2	4700	93
VOC	1,3,5-Trimethylbenzene	201-D08	Phase 1A	1	U (0.0023)	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	201-D12	Phase 1A	3	U (0.0023) - 0.0003	0.00073	4700	93
VOC	1,3,5-Trimethylbenzene	201-E01	Phase 1A	51	U (0.91) - 220	8.8	4700	93
VOC	1,3,5-Trimethylbenzene	201-E02	Phase 1A	1	U (0.002)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	201-E03	Phase 1A	2	0.094 - 0.094	0.048	4700	93
VOC	1,3,5-Trimethylbenzene	201-E04	Phase 1A	5	0.00039 - 95	36	4700	93
VOC	1,3,5-Trimethylbenzene	201-E05	Phase 1A	26	U (1.3) - 2.8	0.30	4700	93
VOC	1,3,5-Trimethylbenzene	201-F01	Phase 1A	48	U (0.61) - 16	0.49	4700	93
VOC	1,3,5-Trimethylbenzene	201-F02	Phase 1A	7	0.0007 - 0.11	0.027	4700	93
VOC	1,3,5-Trimethylbenzene	201-F03	Phase 1A	34	U (24) - 100	4.0	4700	93
VOC	1,3,5-Trimethylbenzene	201-F04	Phase 1A	20	U (1.5) - 0.91	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	202-A03	Phase 1A	8	0.005 - 18	2.3	4700	93
VOC	1,3,5-Trimethylbenzene	202-A04	Phase 1A	4	0.067 - 0.36	0.18	4700	93
VOC	1,3,5-Trimethylbenzene	202-A05	Phase 1A	4	U (0.0022)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	202-A06	Phase 1A	4	U (0.002)	0.00091	4700	93
VOC	1,3,5-Trimethylbenzene	202-A07	Phase 1A	3	U (0.0023)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-A08	Phase 1A	3	U (0.0025) - 0.00084	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-A09	Phase 1A	6	U (0.0023) - 0.00025	0.00084	4700	93
VOC	1,3,5-Trimethylbenzene	202-B01	Phase 1A	2	U (0.0049) - 0.00054	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-B02	Phase 1A	16	U (0.31) - 2.4	0.19	4700	93
VOC	1,3,5-Trimethylbenzene	202-B03	Phase 1A	15	U (0.21) - 3.6	0.29	4700	93
VOC	1,3,5-Trimethylbenzene	202-B04	Phase 1A	3	0.091 - 0.091	0.031	4700	93
VOC	1,3,5-Trimethylbenzene	202-B09	Phase 1A	9	U (0.13) - 0.0032	0.0084	4700	93
VOC	1,3,5-Trimethylbenzene	202-C04	Phase 1A	7	U (0.0043) - 0.0013	0.0013	4700	93
VOC	1,3,5-Trimethylbenzene	202-C05	Phase 1A	20	U (0.33) - 3.9	0.47	4700	93
VOC	1,3,5-Trimethylbenzene	202-C06	Phase 1A	1	U (0.0019)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-C07	Phase 1A	1	U (0.0044)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	202-D05	Phase 1A	3	U (0.55)	0.18	4700	93
VOC	1,3,5-Trimethylbenzene	202-D06	Phase 1A	3	U (0.0044) - 0.0169	0.0071	4700	93
VOC	1,3,5-Trimethylbenzene	202-E06	Phase 1A	2	0.00088 - 0.00088	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	202-E08	Phase 1A	11	0.01 - 3.8	0.35	4700	93
VOC	1,3,5-Trimethylbenzene	202-E09	Phase 1A	13	U (0.14) - 4.5	0.68	4700	93
VOC	1,3,5-Trimethylbenzene	202-E10	Phase 1A	4	U (0.0021) - 0.0045	0.0027	4700	93
VOC	1,3,5-Trimethylbenzene	202-E12	Phase 1A	2	U (0.0022)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-F04	Phase 1A	7	0.00026 - 1	0.14	4700	93
VOC	1,3,5-Trimethylbenzene	202-F05	Phase 1A	1	U (0.0022)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	202-F07	Phase 1A	9	0.00047 - 4	0.79	4700	93
VOC	1,3,5-Trimethylbenzene	202-F08	Phase 1A	3	0.00028 - 0.00028	0.0013	4700	93
VOC	1,3,5-Trimethylbenzene	202-F10	Phase 1A	2	U (0.11) - 0.011	0.0061	4700	93
VOC	1,3,5-Trimethylbenzene	202-F13	Phase 1A	1	U (0.006)	0.0030	4700	93
VOC	1,3,5-Trimethylbenzene	202-F14	Phase 1A	2	U (0.0057)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	202-F16	Phase 1A	1	U (0.0045)	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	202-F17	Phase 1A	8	U (0.0043)	0.0014	4700	93
VOC	1,3,5-Trimethylbenzene	202-G01	Phase 1A	8	U (0.0023)	0.00098	4700	93
VOC	1,3,5-Trimethylbenzene	202-G02	Phase 1A	13	U (0.13)	0.0059	4700	93
VOC	1,3,5-Trimethylbenzene	202-G03	Phase 1A	9	U (0.0038)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	202-G04	Phase 1A	1	U (0.0058)	0.0029	4700	93
VOC	1,3,5-Trimethylbenzene	202-G05	Phase 1A	1	U (0.0045)	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	202-G07	Phase 1A	16	U (0.15) - 0.14	0.020	4700	93
VOC	1,3,5-Trimethylbenzene	202-H03	Phase 1A	6	0.543 - 27.3	6.6	4700	93
VOC	1,3,5-Trimethylbenzene	202-H05	Phase 1A	1	U (0.0055)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	202-H06	Phase 1A	2	U (0.0063)	0.0029	4700	93
VOC	1,3,5-Trimethylbenzene	202-H07	Phase 1A	2	U (0.0056)	0.0027	4700	93
VOC	1,3,5-Trimethylbenzene	202-H08	Phase 1A	3	U (0.0039)	0.0015	4700	93
VOC	1,3,5-Trimethylbenzene	202-H09	Phase 1A	4	0.0022 - 0.2	0.053	4700	93
VOC	1,3,5-Trimethylbenzene	202-H11	Phase 1A	10	U (0.14) - 4.8	0.92	4700	93
VOC	1,3,5-Trimethylbenzene	202-I01	Phase 1A	2	U (0.0021)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	202-I04	Phase 1A	4	U (0.0036) - 0.00089	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	202-J01	Phase 1A	6	U (0.12) - 0.016	0.0036	4700	93
VOC	1,3,5-Trimethylbenzene	202-J02	Phase 1A	5	U (0.12) - 1.1	0.23	4700	93

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,3,5-Trimethylbenzene	202-J03	Phase 1A	11	0.00051 - 49	17	4700	93
VOC	1,3,5-Trimethylbenzene	202-J04	Phase 1A	8	0.00029 - 27	13	4700	93
VOC	1,3,5-Trimethylbenzene	202-J07	Phase 1A	8	0.00069 - 16	3.5	4700	93
VOC	1,3,5-Trimethylbenzene	202-J09	Phase 1A	2	0.017 - 0.017	0.24	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA01	Phase 1A	1	U (0.0027)	0.0014	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA02	Phase 1B	2	0.00065 - 0.00065	0.00083	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA05	Phase 1B	11	0.00068 - 0.84	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA06	Phase 1A	11	U (0.67) - 1	0.14	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA07	Phase 1A	4	U (1.4) - 9.72	2.4	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA08	Phase 1A	3	U (0.28)	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA09	Phase 1A	3	U (0.48)	0.17	4700	93
VOC	1,3,5-Trimethylbenzene	301-AB04	Phase 1A	3	0.0044 - 0.15	0.052	4700	93
VOC	1,3,5-Trimethylbenzene	301-AB05	Phase 1B	6	U (1.1)	0.093	4700	93
VOC	1,3,5-Trimethylbenzene	301-AB06	Phase 1A	2	0.035 - 0.035	0.018	4700	93
VOC	1,3,5-Trimethylbenzene	301-AB07	Phase 1A	1	0.039 - 0.039	0.039	4700	93
VOC	1,3,5-Trimethylbenzene	301-AB09	Phase 1A	2	U (0.0059) - 0.0059	0.0041	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC03	Phase 1B	2	U (0.005)	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC04	Phase 1A	25	U (0.39) - 1.7	0.11	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC07	Phase 1A	10	0.00037 - 0.011	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC08	Phase 1A	7	U (0.5) - 4	0.57	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC09	Phase 1A	6	U (0.0022)	0.00093	4700	93
VOC	1,3,5-Trimethylbenzene	301-B01	Phase 1A	1	U (0.0058)	0.0029	4700	93
VOC	1,3,5-Trimethylbenzene	301-C01	Phase 1A	3	0.013 - 95	33	4700	93
VOC	1,3,5-Trimethylbenzene	301-C02	Phase 1A	8	U (0.33) - 2.4	0.42	4700	93
VOC	1,3,5-Trimethylbenzene	301-D01	Phase 1A	32	0.00047 - 200	32	4700	93
VOC	1,3,5-Trimethylbenzene	301-E02	Phase 1A	32	U (6.9) - 400	28	4700	93
VOC	1,3,5-Trimethylbenzene	301-E03	Phase 1A	5	U (0.31) - 0.086	0.028	4700	93
VOC	1,3,5-Trimethylbenzene	301-F02	Phase 1A	7	U (0.6) - 17	2.6	4700	93
VOC	1,3,5-Trimethylbenzene	301-G01	Phase 1A	2	U (0.95) - 0.76	0.41	4700	93
VOC	1,3,5-Trimethylbenzene	301-G02	Phase 1A	3	2.4 - 2.5	1.6	4700	93
VOC	1,3,5-Trimethylbenzene	301-G03	Phase 1A	1	30 - 30	30	4700	93
VOC	1,3,5-Trimethylbenzene	301-H01	Phase 1A	20	0.00029 - 53	9.2	4700	93
VOC	1,3,5-Trimethylbenzene	301-H02	Phase 1A	3	U (0.001) - 0.001	0.00067	4700	93
VOC	1,3,5-Trimethylbenzene	301-H03	Phase 1A	2	0.11 - 25	13	4700	93
VOC	1,3,5-Trimethylbenzene	301-I01	Phase 1A	9	U (1.1) - 2.4	0.58	4700	93
VOC	1,3,5-Trimethylbenzene	301-I02	Phase 1A	1	0.014 - 0.014	0.014	4700	93
VOC	1,3,5-Trimethylbenzene	301-J01	Phase 1A	4	U (0.24) - 1.1	0.32	4700	93
VOC	1,3,5-Trimethylbenzene	301-J02	Phase 1A	7	U (0.28) - 15	5.5	4700	93
VOC	1,3,5-Trimethylbenzene	301-K01	Phase 1A	9	0.0074 - 2.6	0.36	4700	93
VOC	1,3,5-Trimethylbenzene	301-K02	Phase 1A	3	U (0.24) - 0.03	0.072	4700	93
VOC	1,3,5-Trimethylbenzene	301-L01	Phase 1C	7	U (0.32)	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	301-L02	Phase 1A	8	0.03 - 100	15	4700	93
VOC	1,3,5-Trimethylbenzene	301-L03	Phase 1A	5	U (0.26) - 0.23	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	301-M02	Phase 1A	5	U (0.22) - 0.04	0.031	4700	93
VOC	1,3,5-Trimethylbenzene	301-M03	Phase 1A	3	U (0.22) - 0.023	0.048	4700	93
VOC	1,3,5-Trimethylbenzene	301-N02	Phase 1A	3	U (0.22)	0.071	4700	93
VOC	1,3,5-Trimethylbenzene	301-P02	Phase 1A	2	1.86 - 1.86	1.1	4700	93
VOC	1,3,5-Trimethylbenzene	301-Q04	Phase 1A	5	U (0.234) - 0.25	0.061	4700	93
VOC	1,3,5-Trimethylbenzene	301-R02	Phase 1A	6	U (0.26)	0.024	4700	93
VOC	1,3,5-Trimethylbenzene	301-S02	Phase 1A	4	U (0.0054)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	301-T01	Phase 1B	5	0.371 - 0.371	0.17	4700	93
VOC	1,3,5-Trimethylbenzene	301-T02	Phase 1B	2	0.0244 - 0.0244	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	301-T03	Phase 1C	2	U (0.0072)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	301-T04	Phase 1A	2	U (0.3)	0.076	4700	93
VOC	1,3,5-Trimethylbenzene	301-U01	Phase 1B	2	U (0.29) - 0.063	0.033	4700	93
VOC	1,3,5-Trimethylbenzene	301-U03	Phase 1B	1	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	301-V01	Phase 1B	7	0.00057 - 0.0946	0.080	4700	93
VOC	1,3,5-Trimethylbenzene	301-V02	Phase 1B	20	U (0.54) - 0.023	0.050	4700	93
VOC	1,3,5-Trimethylbenzene	301-V04	Phase 1A	29	U (1.3) - 17	0.83	4700	93
VOC	1,3,5-Trimethylbenzene	301-W01	Phase 1B	24	U (0.69)	0.043	4700	93
VOC	1,3,5-Trimethylbenzene	301-W03	Phase 1A	4	U (0.27)	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	301-X01	Phase 1B	9	0.00088 - 0.35	0.074	4700	93
VOC	1,3,5-Trimethylbenzene	301-X03	Phase 1A	3	U (0.25)	0.079	4700	93
VOC	1,3,5-Trimethylbenzene	301-Y01	Phase 1B	5	U (0.21) - 2.39	0.48	4700	93
VOC	1,3,5-Trimethylbenzene	301-Y03	Phase 1A	2	U (0.6)	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	301-Y04	Phase 1A	3	U (0.28)	0.092	4700	93
VOC	1,3,5-Trimethylbenzene	301-Y05	Phase 1A	6	0.022 - 4.5	1.2	4700	93
VOC	1,3,5-Trimethylbenzene	301-Z01	Phase 1B	6	U (0.0023) - 0.00055	0.00096	4700	93
VOC	1,3,5-Trimethylbenzene	301-Z02	Phase 1B	2	U (0.005)	0.0017	4700	93
VOC	1,3,5-Trimethylbenzene	301-Z03	Phase 1B	5	0.00056 - 0.0272	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	301-Z04	Phase 1A	14	0.00031 - 3.7	0.61	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD02	Phase 1C	2	U (0.004)	0.0016	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD06	Phase 1B	12	U (0.5) - 1.2	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD07	Phase 1B	2	U (0.0025)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD08	Phase 1A	2	U (0.0024)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD09	Phase 1A	3	U (0.0056)	0.0026	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD10	Phase 1A	4	3.4 - 3.8	1.8	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE01	Phase 1C	1	U (0.006)	0.0030	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE02	Phase 1C	2	U (0.007)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE04	Phase 1B	8	U (0.15) - 0.029	0.0066	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE05	Phase 1B	20	0.00047 - 0.04	0.0036	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE07	Phase 1B	3	0.00027 - 0.00027	0.079	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE08	Phase 1B	3	U (0.0021) - 0.00038	0.00081	4700	93

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,3,5-Trimethylbenzene	302-AE09	Phase 1A	4	U (0.0019)	0.00091	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF01	Phase 1C	1	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF02	Phase 1C	4	U (0.007)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF03	Phase 1B	2	0.29 - 6.1	3.2	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF04	Phase 1B	11	0.002 - 0.26	0.028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF05	Phase 1B	2	15.4 - 15.4	7.7	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF06	Phase 1A	9	U (0.61) - 33	3.7	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF09	Phase 1B	5	U (0.51) - 0.8	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG02	Phase 1C	2	U (1.7)	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG04	Phase 1B	3	0.00044 - 0.935	0.31	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG06	Phase 1B	5	U (1) - 1.88	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG07	Phase 1A	7	U (0.0027) - 0.0011	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-AH01	Phase 1C	2	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	302-AH05	Phase 1B	11	0.0011 - 7.72	0.96	4700	93
VOC	1,3,5-Trimethylbenzene	302-AH06	Phase 1B	4	U (0.0064)	0.0019	4700	93
VOC	1,3,5-Trimethylbenzene	302-AH07	Phase 1B	11	U (0.0046)	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI01	Phase 1C	2	U (0.0023)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI05	Phase 1B	11	U (0.22) - 2.8	0.27	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI06	Phase 1B	19	U (0.2) - 0.25	0.015	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI07	Phase 1B	8	0.0551 - 0.0551	0.078	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI08	Phase 1B	1	0.147 - 0.147	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI09	Phase 1B	3	U (0.0044)	0.0018	4700	93
VOC	1,3,5-Trimethylbenzene	302-AJ05	Phase 1B	2	U (0.0024)	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	302-AJ06	Phase 1B	5	U (0.0035) - 0.0068	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	302-AK05	Phase 1B	2	U (0.00118)	0.00058	4700	93
VOC	1,3,5-Trimethylbenzene	302-AK07	Phase 1B	2	U (0.202)	0.051	4700	93
VOC	1,3,5-Trimethylbenzene	302-AL01	Phase 1C	2	U (0.43)	0.11	4700	93
VOC	1,3,5-Trimethylbenzene	302-AL03	Phase 1B	2	10.5 - 10.5	5.3	4700	93
VOC	1,3,5-Trimethylbenzene	302-AL08	Phase 1B	2	U (0.0045)	0.0019	4700	93
VOC	1,3,5-Trimethylbenzene	302-AN01	Phase 1B	2	U (0.0061)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AN02	Phase 1A	2	U (0.0012)	0.00057	4700	93
VOC	1,3,5-Trimethylbenzene	302-AN03	Phase 1B	1	U (0.004)	0.0020	4700	93
VOC	1,3,5-Trimethylbenzene	302-AO03	Phase 1A	2	U (0.00127)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	302-AO05	Phase 1B	1	U (0.005)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP02	Phase 1B	2	U (0.0025)	0.0013	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP03	Phase 1B	16	0.054 - 0.189	0.022	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP04	Phase 1B	3	U (0.24) - 0.434	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP05	Phase 1B	2	U (0.0027)	0.0013	4700	93
VOC	1,3,5-Trimethylbenzene	302-AQ01	Phase 1B	2	U (0.006)	0.0030	4700	93
VOC	1,3,5-Trimethylbenzene	302-AQ02	Phase 1A	9	U (0.5) - 3.2	0.74	4700	93
VOC	1,3,5-Trimethylbenzene	302-AQ04	Phase 1B	2	U (0.0044)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	302-AR01	Phase 1B	2	U (0.006)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AR02	Phase 1A	4	U (0.0025)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-AR04	Phase 1B	3	U (0.0055)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	302-AS03	Phase 1A	13	U (0.53)	0.033	4700	93
VOC	1,3,5-Trimethylbenzene	302-AS04	Phase 1B	2	U (0.00127)	0.00062	4700	93
VOC	1,3,5-Trimethylbenzene	302-AT02	Phase 1B	2	0.497 - 0.497	0.25	4700	93
VOC	1,3,5-Trimethylbenzene	302-AT03	Phase 1B	4	U (0.57)	0.073	4700	93
VOC	1,3,5-Trimethylbenzene	302-AU01	Phase 1B	2	U (0.0052)	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	302-AU02	Phase 1B	8	U (0.11)	0.0080	4700	93
VOC	1,3,5-Trimethylbenzene	302-AU03	Phase 1B	2	U (0.0019)	0.00090	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV01	Phase 1A	6	U (0.008) - 0.0014	0.0021	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV02	Phase 1B	4	U (0.11) - 8.5	2.1	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV03	Phase 1A	6	U (0.11) - 5.2	0.88	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV04	Phase 1B	2	U (0.00126)	0.00062	4700	93
VOC	1,3,5-Trimethylbenzene	302-AW01	Phase 1A	8	U (0.49) - 0.34	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	302-AW02	Phase 1B	2	U (0.28)	0.071	4700	93
VOC	1,3,5-Trimethylbenzene	302-AW03	Phase 1A	2	U (0.0019)	0.00090	4700	93
VOC	1,3,5-Trimethylbenzene	302-AX01	Phase 1A	5	U (0.24) - 0.13	0.027	4700	93
VOC	1,3,5-Trimethylbenzene	302-AX02	Phase 1B	3	U (0.53)	0.090	4700	93
VOC	1,3,5-Trimethylbenzene	302-AX05	Phase 1A	2	U (0.00125)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	302-AY02	Phase 1B	11	0.369 - 130	12	4700	93
VOC	1,3,5-Trimethylbenzene	302-AY03	Phase 1B	2	U (0.0064)	0.0029	4700	93
VOC	1,3,5-Trimethylbenzene	302-AY05	Phase 1B	2	U (0.00124)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	302-AZ02	Phase 1B	3	U (4.6) - 8	2.7	4700	93
VOC	1,3,5-Trimethylbenzene	302-AZ03	Phase 1B	1	U (0.31)	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	302-AZ05	Phase 1A	2	U (0.0027)	0.0013	4700	93
VOC	1,3,5-Trimethylbenzene	302-BA05	Phase 1A	2	0.0312 - 10.5	5.3	4700	93
VOC	1,3,5-Trimethylbenzene	302-BB06	Phase 1A	5	U (0.12) - 0.39	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	302-BB07	Phase 1B	49	0.00028 - 220	27	4700	93
VOC	1,3,5-Trimethylbenzene	302-BC05	Phase 1A	19	U (0.13) - 1.9	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	302-BC06	Phase 1B	7	0.00063 - 150	22	4700	93
VOC	1,3,5-Trimethylbenzene	302-BD05	Phase 1A	4	U (0.0022)	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	302-BE04	Phase 1A	4	U (0.006)	0.0015	4700	93
VOC	1,3,5-Trimethylbenzene	303-AY01	Phase 1A	4	U (0.005) - 0.00045	0.0014	4700	93
VOC	1,3,5-Trimethylbenzene	303-AZ01	Phase 1A	5	U (5.2)	1.4	4700	93
VOC	1,3,5-Trimethylbenzene	303-BA01	Phase 1A	8	U (0.0038) - 0.0011	0.0011	4700	93
VOC	1,3,5-Trimethylbenzene	303-BA02	Phase 1A	7	U (0.49) - 0.45	0.094	4700	93
VOC	1,3,5-Trimethylbenzene	303-BB01	Phase 1A	2	U (0.005)	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	303-BB02	Phase 1A	5	U (0.64)	0.065	4700	93
VOC	1,3,5-Trimethylbenzene	303-BC01	Phase 1A	4	U (0.0022) - 0.00061	0.00092	4700	93
VOC	1,3,5-Trimethylbenzene	303-BD04	Phase 1A	6	U (0.25) - 0.37	0.064	4700	93
VOC	1,3,5-Trimethylbenzene	303-BE03	Phase 1A	31	0.00049 - 3.6	0.34	4700	93

Table 3.4

Other Program's Analytical Results Summary

Soil Management Plan Addendum No. 8

Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	1,3,5-Trimethylbenzene	303-BF05	Phase 1A	13	U (2.2) - 110	8.5	4700	93
VOC	1,3,5-Trimethylbenzene	303-BG04	Phase 1A	27	U (8.5) - 610	29	4700	93
VOC	1,3,5-Trimethylbenzene	303-BH02	Phase 1A	20	0.00031 - 80	4.8	4700	93
VOC	1,3,5-Trimethylbenzene	303-BI03	Phase 1A	6	0.001 - 0.002	0.0015	4700	93
VOC	1,3,5-Trimethylbenzene	303-BJ01	Phase 1A	3	0.0004 - 0.06	0.065	4700	93
VOC	1,3,5-Trimethylbenzene	303-BJ02	Phase 1A	3	U (0.0065)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	303-BK03	Phase 1A	7	0.0025 - 0.41	0.098	4700	93
VOC	1,3,5-Trimethylbenzene	303-BL02	Phase 1A	13	0.00056 - 0.025	0.011	4700	93
VOC	1,3,5-Trimethylbenzene	303-BM02	Phase 1A	2	0.0096 - 0.0096	0.0061	4700	93
VOC	1,3,5-Trimethylbenzene	303-BN02	Phase 1A	15	U (0.25) - 3.8	0.27	4700	93
VOC	1,3,5-Trimethylbenzene	303-BN03	Phase 1A	14	U (0.34) - 0.155	0.032	4700	93
VOC	1,3,5-Trimethylbenzene	303-BO02	Phase 1A	16	0.00028 - 9.3	1.1	4700	93
VOC	1,3,5-Trimethylbenzene	303-BP02	Phase 1A	42	0.0018 - 35	6.7	4700	93
VOC	1,3,5-Trimethylbenzene	303-BQ01	Phase 1A	3	U (0.66)	0.11	4700	93
VOC	1,3,5-Trimethylbenzene	303-BQ02	Phase 1A	16	0.0049 - 140	14	4700	93
VOC	1,3,5-Trimethylbenzene	303-BR02	Phase 1A	5	0.0469 - 0.0469	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	303-BT01	Phase 1A	13	U (2.9) - 15	1.2	4700	93
VOC	1,3,5-Trimethylbenzene	303-BW01	Phase 1A	1	U (0.32)	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-02	Innovation Campus, Parcel B	6	U (0.491) - 0.00548	0.076	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-03	Innovation Campus, Parcel B	2	U (0.00132)	0.00064	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-04	Innovation Campus, Parcel B	2	U (0.403)	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-06	Innovation Campus, Parcel B	2	U (0.189)	0.048	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-07	Innovation Campus, Parcel B	4	U (0.0521) - 0.23	0.061	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-08	Innovation Campus, Parcel B	2	U (0.522)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-10	Innovation Campus, Parcel B	2	U (0.139)	0.035	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-14	Innovation Campus, Parcel B	2	U (0.024)	0.0063	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-15	Innovation Campus, Parcel B	2	1.75 - 1.75	0.88	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-21	Innovation Campus, Parcel B	2	U (0.0013)	0.00063	4700	93
VOC	1,3,5-Trimethylbenzene	101-D20-C	Innovation Campus	21	U (0.003) - 0.0011	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	101-G24-C	Innovation Campus	2	U (0.00141)	0.00063	4700	93
VOC	1,3,5-Trimethylbenzene	101-H24-C	Innovation Campus	2	U (0.0057)	0.0026	4700	93
VOC	1,3,5-Trimethylbenzene	101-I25-C	Innovation Campus	2	U (0.53)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	101-J23-C	Innovation Campus	2	U (0.5)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	101-L31-C	Innovation Campus	2	U (0.00132)	0.00065	4700	93
VOC	1,3,5-Trimethylbenzene	101-U37-C	Innovation Campus	4	U (0.0218)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	102-E08-C	Innovation Campus	2	U (0.403)	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	102-G23-C	Innovation Campus	2	U (0.0276)	0.0073	4700	93
VOC	1,3,5-Trimethylbenzene	103-A10-C	Innovation Campus	4	U (0.522)	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	103-A10-S	Innovation Campus	2	U (0.522)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	103-A15-S	Innovation Campus	2	U (0.139)	0.035	4700	93
VOC	1,3,5-Trimethylbenzene	104-K10-C	Innovation Campus	2	U (0.024)	0.0063	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-A02	Innovation Campus	1	U (0.0018)	0.00090	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-A03	Innovation Campus	1	U (0.0028)	0.0014	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-A04	Innovation Campus	1	U (0.0019)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-B02	Innovation Campus	14	U (0.0061)	0.0012	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-B03	Innovation Campus	4	8.36 - 8.36	2.1	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C01	Innovation Campus	27	U (0.0394) - 0.0024	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C02	Innovation Campus	11	U (0.3) - 0.0549	0.021	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C04	Innovation Campus	2	U (0.0246) - 0.0358	0.018	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D01	Innovation Campus	2	0.0382 - 0.0382	0.026	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D03	Innovation Campus	2	U (0.00131)	0.00064	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D04	Innovation Campus	2	U (0.00122)	0.00058	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D05	Innovation Campus	4	U (0.0301) - 0.473	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D06	Innovation Campus	2	U (0.0265)	0.0069	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D07	Innovation Campus	2	U (0.137)	0.035	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-E01	Innovation Campus	2	U (0.0836)	0.021	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-E04	Innovation Campus	2	0.0962 - 10.8	5.4	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-F01	Innovation Campus	2	U (0.633)	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-F04	Innovation Campus	8	U (0.00151)	0.00061	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G01	Innovation Campus	2	U (0.141)	0.066	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G02	Innovation Campus	2	U (0.734)	0.23	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G03	Innovation Campus	2	1.75 - 1.75	0.88	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G07	Innovation Campus	2	U (0.0013)	0.00063	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G08	Innovation Campus	2	U (0.00125) - 0.00604	0.0033	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H03	Innovation Campus	2	U (0.00118)	0.00059	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H04	Innovation Campus	2	U (0.0207)	0.0055	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H07	Innovation Campus	2	U (0.0184)	0.0089	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-I01	Innovation Campus	4	U (0.189)	0.024	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-I03	Innovation Campus	2	U (0.141)	0.036	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-B01	Innovation Campus	1	0.00045 - 0.00045	0.00045	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-C01	Innovation Campus	2	U (0.0216)	0.010	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-E01	Innovation Campus	2	0.949 - 19.3	10	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-G02	Innovation Campus	1	U (0.00138)	0.00069	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-H02	Innovation Campus	2	U (0.236)	0.059	4700	93
VOC	1,3,5-Trimethylbenzene	LS-E-B01	Innovation Campus	93	U (1.4) - 40	0.90	4700	93
VOC	1,3,5-Trimethylbenzene	LS-E-G01	Innovation Campus	2	U (0.00126)	0.00060	4700	93
VOC	Xylenes (total)	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.11) - 0.0484	0.027	7900	1000
VOC	Xylenes (total)	401-MA3-1-08	Major Amendment 3 Resampling	2	0.31 - 0.707	0.51	7900	1000
VOC	Xylenes (total)	401-MA3-1-10	Major Amendment 3 Resampling	15	0.08 - 5.17	1.3	7900	1000
VOC	Xylenes (total)	401-MA3-1-11	Major Amendment 3 Resampling	18	0.06045 - 410	79	7900	1000
VOC	Xylenes (total)	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.73) - 0.0491	0.053	7900	1000
VOC	Xylenes (total)	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.005)	0.0012	7900	1000
VOC	Xylenes (total)	401-MA3-1-14	Major Amendment 3 Resampling	3	U (0.091)	0.015	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	401-MA3-1-15	Major Amendment 3 Resampling	11	0.046 - 11.2	1.3	7900	1000
VOC	Xylenes (total)	401-MA3-1-16	Major Amendment 3 Resampling	1	3.49 - 3.49	3.5	7900	1000
VOC	Xylenes (total)	401-MA3-1-17	Major Amendment 3 Resampling	7	0.03 - 0.676	0.18	7900	1000
VOC	Xylenes (total)	401-MA3-1-18	Major Amendment 3 Resampling	1	U (5.3)	2.7	7900	1000
VOC	Xylenes (total)	401-MA3-1-21	Major Amendment 3 Resampling	8	0.0651 - 485.7	73	7900	1000
VOC	Xylenes (total)	401-MA3-1-24	Major Amendment 3 Resampling	5	U (0.92)	0.18	7900	1000
VOC	Xylenes (total)	401-MA3-1-23	Major Amendment 3 Resampling	2	U (0.038)	0.011	7900	1000
VOC	Xylenes (total)	401-MA3-1-25	Major Amendment 3 Resampling	3	0.025 - 7	2.4	7900	1000
VOC	Xylenes (total)	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.49)	0.24	7900	1000
VOC	Xylenes (total)	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.00085)	0.00043	7900	1000
VOC	Xylenes (total)	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.091)	0.010	7900	1000
VOC	Xylenes (total)	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.49)	0.25	7900	1000
VOC	Xylenes (total)	401-MA3-1-49	Major Amendment 3 Resampling	6	U (7.94) - 8.5	2.8	7900	1000
VOC	Xylenes (total)	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.67) - 5.3	2.0	7900	1000
VOC	Xylenes (total)	401-MA3-1-55	Major Amendment 3 Resampling	3	U (0.47) - 0.14	0.20	7900	1000
VOC	Xylenes (total)	401-MA3-1-56	Major Amendment 3 Resampling	2	0.031 - 3.9	2.0	7900	1000
VOC	Xylenes (total)	401-MA3-1-57	Major Amendment 3 Resampling	5	U (0.72)	0.17	7900	1000
VOC	Xylenes (total)	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.013)	0.0065	7900	1000
VOC	Xylenes (total)	401-MA3-1-59	Major Amendment 3 Resampling	4	U (0.64) - 19	4.8	7900	1000
VOC	Xylenes (total)	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.94) - 0.89	0.096	7900	1000
VOC	Xylenes (total)	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0099)	0.0048	7900	1000
VOC	Xylenes (total)	401-MA3-1-68	Major Amendment 3 Resampling	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.011)	0.0050	7900	1000
VOC	Xylenes (total)	401-MA3-1-72	Major Amendment 3 Resampling	4	U (0.6) - 0.52	0.21	7900	1000
VOC	Xylenes (total)	402-MA3-1-03	Major Amendment 3 Resampling	52	U (0.66) - 0.42	0.036	7900	1000
VOC	Xylenes (total)	403-MA3-1-01	Major Amendment 3 Resampling	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	403-MA3-1-16	Major Amendment 3 Resampling	4	U (0.29) - 1.8	0.45	7900	1000
VOC	Xylenes (total)	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.0011)	0.00055	7900	1000
VOC	Xylenes (total)	404-MA3-1-01	Major Amendment 3 Resampling	22	0.00016 - 2.25	0.20	7900	1000
VOC	Xylenes (total)	404-MA3-1-02	Major Amendment 3 Resampling	9	U (0.36) - 0.107	0.047	7900	1000
VOC	Xylenes (total)	404-MA3-1-03	Major Amendment 3 Resampling	4	0.004 - 0.313	0.12	7900	1000
VOC	Xylenes (total)	404-MA3-1-05	Major Amendment 3 Resampling	68	U (56) - 17	1.4	7900	1000
VOC	Xylenes (total)	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.24) - 0.0073	0.024	7900	1000
VOC	Xylenes (total)	401-A01	Major Amendment 3	4	U (0.11) - 0.0484	0.027	7900	1000
VOC	Xylenes (total)	401-E02	Major Amendment 3	35	0.06045 - 410	41	7900	1000
VOC	Xylenes (total)	401-F01	Major Amendment 3	8	U (0.73) - 0.0491	0.053	7900	1000
VOC	Xylenes (total)	401-G01	Major Amendment 3	3	U (0.005)	0.0012	7900	1000
VOC	Xylenes (total)	401-H01	Major Amendment 3	3	U (0.091)	0.015	7900	1000
VOC	Xylenes (total)	401-H02	Major Amendment 3	19	0.03 - 11.2	0.98	7900	1000
VOC	Xylenes (total)	401-I01	Major Amendment 3	1	U (5.3)	2.7	7900	1000
VOC	Xylenes (total)	401-J01	Major Amendment 3	8	0.0651 - 485.7	73	7900	1000
VOC	Xylenes (total)	401-K01	Major Amendment 3	5	U (0.92)	0.18	7900	1000
VOC	Xylenes (total)	401-L01	Major Amendment 3	2	U (0.038)	0.011	7900	1000
VOC	Xylenes (total)	401-L02	Major Amendment 3	6	0.025 - 7	1.2	7900	1000
VOC	Xylenes (total)	401-N01	Major Amendment 3	2	U (0.49)	0.24	7900	1000
VOC	Xylenes (total)	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	7900	1000
VOC	Xylenes (total)	401-P01	Major Amendment 3	5	U (0.091)	0.010	7900	1000
VOC	Xylenes (total)	401-Q01	Major Amendment 3	33	0.00075 - 29	1.2	7900	1000
VOC	Xylenes (total)	401-R01	Major Amendment 3	4	U (0.6) - 0.52	0.21	7900	1000
VOC	Xylenes (total)	402-A01	Major Amendment 3	41	U (0.25) - 7.7	0.66	7900	1000
VOC	Xylenes (total)	402-B01	Major Amendment 3	109	U (4.4) - 174	5.4	7900	1000
VOC	Xylenes (total)	402-C01	Major Amendment 3	3	U (0.005)	0.0022	7900	1000
VOC	Xylenes (total)	403-A01	Major Amendment 3	2	U (0.00371)	0.0018	7900	1000
VOC	Xylenes (total)	403-B01	Major Amendment 3	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	403-C01	Major Amendment 3	5	U (0.22) - 54.5	11	7900	1000
VOC	Xylenes (total)	403-E01	Major Amendment 3	1	U (0.0011)	0.00055	7900	1000
VOC	Xylenes (total)	403-F01	Major Amendment 3	7	U (0.23) - 0.31	0.045	7900	1000
VOC	Xylenes (total)	403-G01	Major Amendment 3	2	U (0.004)	0.0012	7900	1000
VOC	Xylenes (total)	404-A01	Major Amendment 3	19	0.0007 - 0.013	0.0019	7900	1000
VOC	Xylenes (total)	404-B01	Major Amendment 3	26	U (0.15) - 0.141	0.014	7900	1000
VOC	Xylenes (total)	404-B02	Major Amendment 3	11	U (0.24) - 0.0073	0.013	7900	1000
VOC	Xylenes (total)	404-C01	Major Amendment 3	3	0.662 - 2.3	1.5	7900	1000
VOC	Xylenes (total)	404-D01	Major Amendment 3	6	0.00092 - 11	2.4	7900	1000
VOC	Xylenes (total)	404-E01	Major Amendment 3	30	U (1.5) - 3.55	1.1	7900	1000
VOC	Xylenes (total)	404-F01	Major Amendment 3	22	0.00119 - 73	14	7900	1000
VOC	Xylenes (total)	201-A01	Phase 1A	7	0.039 - 231	66	7900	1000
VOC	Xylenes (total)	201-A02	Phase 1A	14	0.064 - 12600	1209	7900	1000
VOC	Xylenes (total)	201-A03	Phase 1A	7	0.0125 - 2870	826	7900	1000
VOC	Xylenes (total)	201-A04	Phase 1A	55	0.00114 - 8000	1353	7900	1000
VOC	Xylenes (total)	201-A05	Phase 1A	9	0.072 - 405.1	179	7900	1000
VOC	Xylenes (total)	201-A06	Phase 1A	10	0.0031 - 5.39	0.79	7900	1000
VOC	Xylenes (total)	201-A07	Phase 1A	12	0.924 - 1420	422	7900	1000
VOC	Xylenes (total)	201-A08	Phase 1A	7	3.89 - 383	59	7900	1000
VOC	Xylenes (total)	201-A09	Phase 1A	8	0.0455 - 1550	451	7900	1000
VOC	Xylenes (total)	201-A10	Phase 1A	8	U (0.94) - 85	11	7900	1000
VOC	Xylenes (total)	201-A11	Phase 1A	8	0.00098 - 386	51	7900	1000
VOC	Xylenes (total)	201-A12	Phase 1A	16	0.0012 - 146	15	7900	1000
VOC	Xylenes (total)	201-A13	Phase 1A	18	0.0196 - 920	141	7900	1000
VOC	Xylenes (total)	201-A14	Phase 1A	15	0.002 - 1.42	0.34	7900	1000
VOC	Xylenes (total)	201-B01	Phase 1A	4	U (1.7) - 110	28	7900	1000
VOC	Xylenes (total)	201-B02	Phase 1A	10	0.26 - 1080	211	7900	1000
VOC	Xylenes (total)	201-B03	Phase 1A	1	1.18 - 1.18	1.2	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	201-B04	Phase 1A	11	0.00169 - 55	5.4	7900	1000
VOC	Xylenes (total)	201-B05	Phase 1A	3	0.117 - 0.69	0.43	7900	1000
VOC	Xylenes (total)	201-B07	Phase 1A	7	0.0028 - 16	2.5	7900	1000
VOC	Xylenes (total)	201-B08	Phase 1A	10	U (0.14) - 1.576	0.21	7900	1000
VOC	Xylenes (total)	201-B09	Phase 1A	10	0.00432 - 1.26	0.26	7900	1000
VOC	Xylenes (total)	201-B10	Phase 1A	8	0.0031 - 3.2	0.64	7900	1000
VOC	Xylenes (total)	201-B11	Phase 1A	7	U (0.16) - 0.966	0.17	7900	1000
VOC	Xylenes (total)	201-B12	Phase 1A	4	0.00435 - 3.89	1.8	7900	1000
VOC	Xylenes (total)	201-C01	Phase 1A	15	0.00296 - 133	22	7900	1000
VOC	Xylenes (total)	201-C02	Phase 1A	2	0.0312 - 0.125	0.078	7900	1000
VOC	Xylenes (total)	201-C04	Phase 1A	13	0.032 - 9.6	1.8	7900	1000
VOC	Xylenes (total)	201-C05	Phase 1A	3	0.011 - 0.011	0.37	7900	1000
VOC	Xylenes (total)	201-C06	Phase 1A	14	0.00129 - 17.4	2.4	7900	1000
VOC	Xylenes (total)	201-C07	Phase 1A	10	0.26 - 631	235	7900	1000
VOC	Xylenes (total)	201-C08	Phase 1A	17	0.00225 - 1640	214	7900	1000
VOC	Xylenes (total)	201-C09	Phase 1A	7	U (0.093) - 0.166	0.025	7900	1000
VOC	Xylenes (total)	201-C10	Phase 1A	4	0.00031 - 8.37	2.1	7900	1000
VOC	Xylenes (total)	201-C11	Phase 1A	1	47.6 - 47.6	48	7900	1000
VOC	Xylenes (total)	201-D01	Phase 1A	4	U (0.0184)	0.0063	7900	1000
VOC	Xylenes (total)	201-D05	Phase 1A	8	0.00134 - 31.9	6.8	7900	1000
VOC	Xylenes (total)	201-D08	Phase 1A	1	U (0.0011)	0.00055	7900	1000
VOC	Xylenes (total)	201-D12	Phase 1A	3	U (0.0023)	0.0010	7900	1000
VOC	Xylenes (total)	201-E01	Phase 1A	74	U (5) - 440	21	7900	1000
VOC	Xylenes (total)	201-E02	Phase 1A	1	U (0.002)	0.0010	7900	1000
VOC	Xylenes (total)	201-E03	Phase 1A	3	0.0044 - 0.0044	0.0040	7900	1000
VOC	Xylenes (total)	201-E04	Phase 1A	5	0.002 - 350	112	7900	1000
VOC	Xylenes (total)	201-E05	Phase 1A	26	U (1.3) - 17.7	1.4	7900	1000
VOC	Xylenes (total)	201-F01	Phase 1A	51	U (0.72) - 20	0.59	7900	1000
VOC	Xylenes (total)	201-F02	Phase 1A	7	U (0.67) - 0.0038	0.061	7900	1000
VOC	Xylenes (total)	201-F03	Phase 1A	31	U (24) - 534	18	7900	1000
VOC	Xylenes (total)	201-F04	Phase 1A	20	U (1.5) - 0.53	0.17	7900	1000
VOC	Xylenes (total)	202-A03	Phase 1A	8	0.0025 - 39.2	4.9	7900	1000
VOC	Xylenes (total)	202-A04	Phase 1A	4	0.2 - 0.8	0.41	7900	1000
VOC	Xylenes (total)	202-A05	Phase 1A	4	U (0.0022)	0.0011	7900	1000
VOC	Xylenes (total)	202-A06	Phase 1A	4	U (0.002)	0.00091	7900	1000
VOC	Xylenes (total)	202-A07	Phase 1A	3	U (0.0023)	0.0010	7900	1000
VOC	Xylenes (total)	202-A08	Phase 1A	3	U (0.0025)	0.0011	7900	1000
VOC	Xylenes (total)	202-A09	Phase 1A	6	U (0.0023) - 0.00125	0.0010	7900	1000
VOC	Xylenes (total)	202-B01	Phase 1A	2	U (0.0049) - 0.0047	0.0031	7900	1000
VOC	Xylenes (total)	202-B02	Phase 1A	16	U (0.61) - 8.9	0.63	7900	1000
VOC	Xylenes (total)	202-B03	Phase 1A	15	U (0.21) - 0.456	0.040	7900	1000
VOC	Xylenes (total)	202-B04	Phase 1A	3	0.055 - 0.055	0.019	7900	1000
VOC	Xylenes (total)	202-B09	Phase 1A	9	U (0.13) - 0.109	0.013	7900	1000
VOC	Xylenes (total)	202-C04	Phase 1A	7	U (0.0043) - 0.0032	0.0019	7900	1000
VOC	Xylenes (total)	202-C05	Phase 1A	20	U (0.65) - 17	1.2	7900	1000
VOC	Xylenes (total)	202-C06	Phase 1A	1	U (0.0019)	0.0010	7900	1000
VOC	Xylenes (total)	202-C07	Phase 1A	1	U (0.00088)	0.00044	7900	1000
VOC	Xylenes (total)	202-C10	Phase 1A	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	202-D05	Phase 1A	3	U (0.11)	0.035	7900	1000
VOC	Xylenes (total)	202-D06	Phase 1A	3	U (0.00088) - 0.0109	0.0039	7900	1000
VOC	Xylenes (total)	202-E06	Phase 1A	2	0.0048 - 0.0048	0.0032	7900	1000
VOC	Xylenes (total)	202-E08	Phase 1A	13	0.0275 - 41	3.2	7900	1000
VOC	Xylenes (total)	202-E09	Phase 1A	16	U (0.14) - 47	6.0	7900	1000
VOC	Xylenes (total)	202-E10	Phase 1A	6	U (0.11) - 3.1	0.68	7900	1000
VOC	Xylenes (total)	202-E11	Phase 1A	2	7.3 - 17	12	7900	1000
VOC	Xylenes (total)	202-E12	Phase 1A	4	U (0.092) - 0.81	0.21	7900	1000
VOC	Xylenes (total)	202-E13	Phase 1A	2	22 - 66	44	7900	1000
VOC	Xylenes (total)	202-E15	Phase 1A	2	18 - 21	20	7900	1000
VOC	Xylenes (total)	202-F04	Phase 1A	7	0.00133 - 0.562	0.082	7900	1000
VOC	Xylenes (total)	202-F05	Phase 1A	1	U (0.0022)	0.0011	7900	1000
VOC	Xylenes (total)	202-F06	Phase 1A	2	U (0.089)	0.037	7900	1000
VOC	Xylenes (total)	202-F07	Phase 1A	9	0.394 - 38.038	4.8	7900	1000
VOC	Xylenes (total)	202-F08	Phase 1A	3	0.00093 - 0.00093	0.0015	7900	1000
VOC	Xylenes (total)	202-F10	Phase 1A	2	U (0.11) - 0.083	0.042	7900	1000
VOC	Xylenes (total)	202-F13	Phase 1A	1	U (0.006)	0.0030	7900	1000
VOC	Xylenes (total)	202-F14	Phase 1A	2	U (0.0011)	0.00050	7900	1000
VOC	Xylenes (total)	202-F16	Phase 1A	4	U (0.096) - 6.4	1.6	7900	1000
VOC	Xylenes (total)	202-F17	Phase 1A	8	U (0.0043)	0.0014	7900	1000
VOC	Xylenes (total)	202-G01	Phase 1A	8	U (0.0023)	0.0010	7900	1000
VOC	Xylenes (total)	202-G02	Phase 1A	14	U (0.13) - 0.101	0.010	7900	1000
VOC	Xylenes (total)	202-G03	Phase 1A	9	U (0.0024)	0.00092	7900	1000
VOC	Xylenes (total)	202-G04	Phase 1A	3	U (0.61) - 97	34	7900	1000
VOC	Xylenes (total)	202-G05	Phase 1A	6	U (0.096) - 27	9.983	7900	1000
VOC	Xylenes (total)	202-G07	Phase 1A	16	U (0.15) - 0.025	0.0074	7900	1000
VOC	Xylenes (total)	202-H03	Phase 1A	6	0.002 - 65.6	14	7900	1000
VOC	Xylenes (total)	202-H05	Phase 1A	1	U (0.0011)	0.00055	7900	1000
VOC	Xylenes (total)	202-H06	Phase 1A	2	U (0.0013)	0.00058	7900	1000
VOC	Xylenes (total)	202-H07	Phase 1A	2	U (0.0011)	0.00053	7900	1000
VOC	Xylenes (total)	202-H08	Phase 1A	3	U (0.0039)	0.0015	7900	1000
VOC	Xylenes (total)	202-H11	Phase 1A	10	U (0.14) - 29.4	3.0	7900	1000
VOC	Xylenes (total)	202-I01	Phase 1A	2	U (0.0021)	0.0010	7900	1000
VOC	Xylenes (total)	202-I04	Phase 1A	4	U (0.0036)	0.0014	7900	1000
VOC	Xylenes (total)	202-J03	Phase 1A	9	0.00183 - 165	48	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	202-J04	Phase 1A	8	0.001045 - 182	71	7900	1000
VOC	Xylenes (total)	202-J07	Phase 1A	9	0.00395 - 117	16	7900	1000
VOC	Xylenes (total)	202-J09	Phase 1A	2	0.38 - 0.38	0.64	7900	1000
VOC	Xylenes (total)	301-AA01	Phase 1A	1	0.0033 - 0.0033	0.0033	7900	1000
VOC	Xylenes (total)	301-AA02	Phase 1B	2	0.0024 - 0.0024	0.0015	7900	1000
VOC	Xylenes (total)	301-AA05	Phase 1B	11	0.00067 - 0.29	0.051	7900	1000
VOC	Xylenes (total)	301-AA06	Phase 1A	11	U (0.67) - 0.88	0.13	7900	1000
VOC	Xylenes (total)	301-AA07	Phase 1A	4	U (0.27) - 17.6	4.4	7900	1000
VOC	Xylenes (total)	301-AA08	Phase 1A	3	U (0.57)	0.17	7900	1000
VOC	Xylenes (total)	301-AA09	Phase 1A	3	U (0.95)	0.34	7900	1000
VOC	Xylenes (total)	301-AB04	Phase 1A	3	0.0013 - 0.099	0.034	7900	1000
VOC	Xylenes (total)	301-AB05	Phase 1B	6	U (0.22) - 0.00146	0.019	7900	1000
VOC	Xylenes (total)	301-AB06	Phase 1A	2	0.00976 - 0.00976	0.0058	7900	1000
VOC	Xylenes (total)	301-AB07	Phase 1A	1	0.044 - 0.044	0.044	7900	1000
VOC	Xylenes (total)	301-AB09	Phase 1A	2	U (0.0178) - 0.0078	0.0074	7900	1000
VOC	Xylenes (total)	301-AC03	Phase 1B	2	U (0.005)	0.0015	7900	1000
VOC	Xylenes (total)	301-AC04	Phase 1A	25	U (0.78) - 0.62	0.12	7900	1000
VOC	Xylenes (total)	301-AC07	Phase 1A	10	0.0016 - 0.0886	0.019	7900	1000
VOC	Xylenes (total)	301-AC08	Phase 1A	7	U (0.5) - 1.65	0.24	7900	1000
VOC	Xylenes (total)	301-AC09	Phase 1A	6	U (0.0022)	0.0010	7900	1000
VOC	Xylenes (total)	301-B01	Phase 1A	1	U (0.012)	0.0060	7900	1000
VOC	Xylenes (total)	301-C01	Phase 1A	3	0.1 - 49	17	7900	1000
VOC	Xylenes (total)	301-C02	Phase 1A	9	0.0058 - 0.48	0.23	7900	1000
VOC	Xylenes (total)	301-D01	Phase 1A	32	0.00315 - 1400	206	7900	1000
VOC	Xylenes (total)	301-E02	Phase 1A	29	U (27) - 3290	219	7900	1000
VOC	Xylenes (total)	301-E03	Phase 1A	4	0.0015 - 0.27	0.097	7900	1000
VOC	Xylenes (total)	301-F02	Phase 1A	2	0.0308 - 180	90	7900	1000
VOC	Xylenes (total)	301-G01	Phase 1A	2	U (0.95) - 5.17	2.6	7900	1000
VOC	Xylenes (total)	301-G02	Phase 1A	3	0.013 - 13	5.3	7900	1000
VOC	Xylenes (total)	301-G03	Phase 1A	1	2.3 - 2.3	2.3	7900	1000
VOC	Xylenes (total)	301-H01	Phase 1A	20	0.00168 - 410	61	7900	1000
VOC	Xylenes (total)	301-H02	Phase 1A	4	0.005 - 0.028	0.010	7900	1000
VOC	Xylenes (total)	301-H03	Phase 1A	2	0.26 - 47	24	7900	1000
VOC	Xylenes (total)	301-I01	Phase 1A	9	U (1.1) - 11.2	2.6	7900	1000
VOC	Xylenes (total)	301-I02	Phase 1A	1	0.62 - 0.62	0.62	7900	1000
VOC	Xylenes (total)	301-J01	Phase 1A	4	U (0.24) - 3.49	0.95	7900	1000
VOC	Xylenes (total)	301-J02	Phase 1A	8	U (0.61) - 111	26	7900	1000
VOC	Xylenes (total)	301-K01	Phase 1A	9	0.03 - 0.676	0.18	7900	1000
VOC	Xylenes (total)	301-K02	Phase 1A	3	0.079 - 0.344	0.24	7900	1000
VOC	Xylenes (total)	301-L01	Phase 1C	7	U (0.64)	0.15	7900	1000
VOC	Xylenes (total)	301-L02	Phase 1A	8	0.163 - 485.7	72	7900	1000
VOC	Xylenes (total)	301-L03	Phase 1A	5	0.0011 - 1.647	0.49	7900	1000
VOC	Xylenes (total)	301-M02	Phase 1A	5	0.0032 - 1.054	0.25	7900	1000
VOC	Xylenes (total)	301-M03	Phase 1A	3	0.0168 - 0.21	0.085	7900	1000
VOC	Xylenes (total)	301-N02	Phase 1A	3	U (0.65) - 0.6	0.31	7900	1000
VOC	Xylenes (total)	301-P02	Phase 1A	2	3.05 - 4.17	3.6	7900	1000
VOC	Xylenes (total)	301-Q04	Phase 1A	6	U (0.703)	0.069	7900	1000
VOC	Xylenes (total)	301-R02	Phase 1A	6	U (0.53)	0.048	7900	1000
VOC	Xylenes (total)	301-S02	Phase 1A	4	U (0.011)	0.0050	7900	1000
VOC	Xylenes (total)	301-S03	Phase 1A	1	0.41 - 0.41	0.41	7900	1000
VOC	Xylenes (total)	301-T01	Phase 1B	5	0.075 - 0.661	0.21	7900	1000
VOC	Xylenes (total)	301-T02	Phase 1B	2	0.301 - 0.52	0.41	7900	1000
VOC	Xylenes (total)	301-T03	Phase 1C	2	U (0.014)	0.0063	7900	1000
VOC	Xylenes (total)	301-T04	Phase 1A	2	U (0.59)	0.15	7900	1000
VOC	Xylenes (total)	301-U01	Phase 1B	2	0.00031 - 0.36	0.18	7900	1000
VOC	Xylenes (total)	301-U03	Phase 1B	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	301-V01	Phase 1B	7	0.0214 - 3.3	0.66	7900	1000
VOC	Xylenes (total)	301-V02	Phase 1B	20	U (1.2) - 0.48	0.11	7900	1000
VOC	Xylenes (total)	301-V04	Phase 1A	30	U (1.3) - 11	0.74	7900	1000
VOC	Xylenes (total)	301-W01	Phase 1B	24	U (0.85) - 2.78	0.15	7900	1000
VOC	Xylenes (total)	301-W03	Phase 1A	4	U (0.53)	0.20	7900	1000
VOC	Xylenes (total)	301-X01	Phase 1B	9	0.0013 - 0.5	0.13	7900	1000
VOC	Xylenes (total)	301-X03	Phase 1A	3	U (0.5)	0.16	7900	1000
VOC	Xylenes (total)	301-Y01	Phase 1B	5	U (0.1) - 21.3	4.3	7900	1000
VOC	Xylenes (total)	301-Y03	Phase 1A	2	U (0.12)	0.030	7900	1000
VOC	Xylenes (total)	301-Y04	Phase 1A	3	U (0.56)	0.18	7900	1000
VOC	Xylenes (total)	301-Y05	Phase 1A	6	0.037 - 14	2.7	7900	1000
VOC	Xylenes (total)	301-Z01	Phase 1B	6	0.00095 - 0.0016	0.00077	7900	1000
VOC	Xylenes (total)	301-Z02	Phase 1B	2	U (0.005)	0.0013	7900	1000
VOC	Xylenes (total)	301-Z03	Phase 1B	5	U (0.21) - 0.0686	0.035	7900	1000
VOC	Xylenes (total)	301-Z04	Phase 1A	14	0.0071 - 4.37	1.1	7900	1000
VOC	Xylenes (total)	302-AD02	Phase 1C	2	U (0.004)	0.0011	7900	1000
VOC	Xylenes (total)	302-AD06	Phase 1B	12	U (0.11) - 0.82	0.074	7900	1000
VOC	Xylenes (total)	302-AD07	Phase 1B	2	U (0.0025)	0.0011	7900	1000
VOC	Xylenes (total)	302-AD08	Phase 1A	2	U (0.0024)	0.0011	7900	1000
VOC	Xylenes (total)	302-AD09	Phase 1A	3	U (0.0011)	0.00052	7900	1000
VOC	Xylenes (total)	302-AD10	Phase 1A	4	14.5 - 51	16	7900	1000
VOC	Xylenes (total)	302-AE01	Phase 1C	1	U (0.006)	0.0030	7900	1000
VOC	Xylenes (total)	302-AE02	Phase 1C	2	0.002 - 0.002	0.0020	7900	1000
VOC	Xylenes (total)	302-AE04	Phase 1B	8	0.0019 - 0.275	0.057	7900	1000
VOC	Xylenes (total)	302-AE05	Phase 1B	20	0.0025 - 0.0589	0.0067	7900	1000
VOC	Xylenes (total)	302-AE07	Phase 1B	3	0.005 - 0.005	0.018	7900	1000
VOC	Xylenes (total)	302-AE08	Phase 1B	3	U (0.0021) - 0.001075	0.0010	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	302-AE09	Phase 1A	4	U (0.0019)	0.00091	7900	1000
VOC	Xylenes (total)	302-AF01	Phase 1C	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	302-AF02	Phase 1C	4	U (0.007)	0.0028	7900	1000
VOC	Xylenes (total)	302-AF03	Phase 1B	2	0.25 - 22	11	7900	1000
VOC	Xylenes (total)	302-AF04	Phase 1B	11	U (0.12) - 0.1165	0.017	7900	1000
VOC	Xylenes (total)	302-AF05	Phase 1B	2	56 - 56	28	7900	1000
VOC	Xylenes (total)	302-AF06	Phase 1A	9	U (0.61) - 197	22	7900	1000
VOC	Xylenes (total)	302-AF09	Phase 1B	5	U (0.1) - 0.617	0.12	7900	1000
VOC	Xylenes (total)	302-AG02	Phase 1C	2	U (1.7)	0.43	7900	1000
VOC	Xylenes (total)	302-AG04	Phase 1B	3	0.894 - 0.894	0.30	7900	1000
VOC	Xylenes (total)	302-AG06	Phase 1B	5	U (0.21) - 2.25	0.50	7900	1000
VOC	Xylenes (total)	302-AG07	Phase 1A	7	U (0.0027) - 0.0049	0.0017	7900	1000
VOC	Xylenes (total)	302-AH01	Phase 1C	2	U (0.005)	0.0015	7900	1000
VOC	Xylenes (total)	302-AH03	Phase 1C	2	U (0.064)	0.031	7900	1000
VOC	Xylenes (total)	302-AH04	Phase 1B	8	U (0.067) - 3	0.55	7900	1000
VOC	Xylenes (total)	302-AH05	Phase 1B	2	0.00074 - 11.6	5.8	7900	1000
VOC	Xylenes (total)	302-AH06	Phase 1B	4	U (0.00377)	0.0012	7900	1000
VOC	Xylenes (total)	302-AH07	Phase 1B	12	U (0.005) - 0.007	0.0017	7900	1000
VOC	Xylenes (total)	302-AI01	Phase 1C	2	0.0034 - 0.0034	0.0020	7900	1000
VOC	Xylenes (total)	302-AI03	Phase 1C	1	19 - 19	19	7900	1000
VOC	Xylenes (total)	302-AI04	Phase 1C	2	U (0.061)	0.029	7900	1000
VOC	Xylenes (total)	302-AI05	Phase 1B	3	U (0.11)	0.029	7900	1000
VOC	Xylenes (total)	302-AI06	Phase 1B	9	U (0.1) - 0.0306	0.0059	7900	1000
VOC	Xylenes (total)	302-AI07	Phase 1B	8	U (0.51) - 0.0007	0.066	7900	1000
VOC	Xylenes (total)	302-AI08	Phase 1B	2	0.339 - 0.339	0.17	7900	1000
VOC	Xylenes (total)	302-AI09	Phase 1B	3	U (0.00089)	0.00037	7900	1000
VOC	Xylenes (total)	302-AJ04	Phase 1C	1	U (0.051)	0.026	7900	1000
VOC	Xylenes (total)	302-AK05	Phase 1B	2	U (0.00355)	0.0017	7900	1000
VOC	Xylenes (total)	302-AK07	Phase 1B	2	U (0.605)	0.15	7900	1000
VOC	Xylenes (total)	302-AL01	Phase 1C	11	0.127 - 0.127	0.62	7900	1000
VOC	Xylenes (total)	302-AL03	Phase 1B	2	0.712 - 0.712	0.36	7900	1000
VOC	Xylenes (total)	302-AL05	Phase 1B	5	U (0.13) - 0.09	0.066	7900	1000
VOC	Xylenes (total)	302-AL08	Phase 1B	2	U (0.0009)	0.00038	7900	1000
VOC	Xylenes (total)	302-AN01	Phase 1B	2	U (0.0012)	0.00055	7900	1000
VOC	Xylenes (total)	302-AN02	Phase 1A	2	U (0.00361)	0.0017	7900	1000
VOC	Xylenes (total)	302-AN03	Phase 1B	1	0.003 - 0.003	0.0030	7900	1000
VOC	Xylenes (total)	302-AO02	Phase 1B	7	0.026 - 50	8.9	7900	1000
VOC	Xylenes (total)	302-AO03	Phase 1A	2	U (0.0038)	0.0018	7900	1000
VOC	Xylenes (total)	302-AO05	Phase 1B	1	0.005 - 0.005	0.0050	7900	1000
VOC	Xylenes (total)	302-AP02	Phase 1B	2	U (0.0013)	0.00063	7900	1000
VOC	Xylenes (total)	302-AP03	Phase 1B	23	0.0009 - 2.42	0.12	7900	1000
VOC	Xylenes (total)	302-AP04	Phase 1B	3	0.007 - 0.418	0.14	7900	1000
VOC	Xylenes (total)	302-AP05	Phase 1B	2	U (0.0014)	0.00068	7900	1000
VOC	Xylenes (total)	302-AQ01	Phase 1B	2	U (0.006)	0.0030	7900	1000
VOC	Xylenes (total)	302-AQ02	Phase 1A	9	U (0.5) - 2.53	0.37	7900	1000
VOC	Xylenes (total)	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	7900	1000
VOC	Xylenes (total)	302-AR01	Phase 1B	2	U (0.006)	0.0028	7900	1000
VOC	Xylenes (total)	302-AR02	Phase 1A	4	U (0.0025)	0.0011	7900	1000
VOC	Xylenes (total)	302-AR04	Phase 1B	3	U (0.0011)	0.00050	7900	1000
VOC	Xylenes (total)	302-AS03	Phase 1A	13	U (0.11)	0.0072	7900	1000
VOC	Xylenes (total)	302-AS04	Phase 1B	2	U (0.00381)	0.0019	7900	1000
VOC	Xylenes (total)	302-AT01	Phase 1B	2	0.0314 - 0.0808	0.056	7900	1000
VOC	Xylenes (total)	302-AT02	Phase 1B	2	1.32 - 1.32	0.66	7900	1000
VOC	Xylenes (total)	302-AT03	Phase 1B	4	U (0.11)	0.014	7900	1000
VOC	Xylenes (total)	302-AU01	Phase 1B	2	U (0.001)	0.00047	7900	1000
VOC	Xylenes (total)	302-AU02	Phase 1B	8	U (0.11) - 0.01	0.0089	7900	1000
VOC	Xylenes (total)	302-AU03	Phase 1B	2	U (0.0019)	0.00090	7900	1000
VOC	Xylenes (total)	302-AV01	Phase 1A	8	U (0.008) - 140	19	7900	1000
VOC	Xylenes (total)	302-AV02	Phase 1B	4	U (0.11) - 8.7	2.2	7900	1000
VOC	Xylenes (total)	302-AV03	Phase 1A	6	U (0.11) - 2.28	0.40	7900	1000
VOC	Xylenes (total)	302-AV04	Phase 1B	2	U (0.00377)	0.0018	7900	1000
VOC	Xylenes (total)	302-AW01	Phase 1A	12	U (6) - 35	3.5	7900	1000
VOC	Xylenes (total)	302-AW02	Phase 1B	2	U (0.28)	0.071	7900	1000
VOC	Xylenes (total)	302-AW03	Phase 1A	2	U (0.0019)	0.00090	7900	1000
VOC	Xylenes (total)	302-AX01	Phase 1A	15	U (0.85) - 330	24	7900	1000
VOC	Xylenes (total)	302-AX02	Phase 1B	3	U (0.11)	0.019	7900	1000
VOC	Xylenes (total)	302-AX05	Phase 1A	2	U (0.00376)	0.0018	7900	1000
VOC	Xylenes (total)	302-AY02	Phase 1B	20	0.0012 - 500	55	7900	1000
VOC	Xylenes (total)	302-AY03	Phase 1B	2	U (0.0013)	0.00058	7900	1000
VOC	Xylenes (total)	302-AY05	Phase 1B	2	U (0.00371)	0.0018	7900	1000
VOC	Xylenes (total)	302-AZ02	Phase 1B	11	U (4.6) - 110	16	7900	1000
VOC	Xylenes (total)	302-AZ03	Phase 1B	1	0.12 - 0.12	0.12	7900	1000
VOC	Xylenes (total)	302-AZ05	Phase 1A	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	302-BA03	Phase 1B	1	U (0.006)	0.0030	7900	1000
VOC	Xylenes (total)	302-BA05	Phase 1A	2	0.0229 - 13.1	6.6	7900	1000
VOC	Xylenes (total)	302-BB07	Phase 1B	43	0.00147 - 2320	229	7900	1000
VOC	Xylenes (total)	302-BB08	Phase 1B	1	U (0.005)	0.0025	7900	1000
VOC	Xylenes (total)	302-BC05	Phase 1A	7	U (0.00375) - 0.16	0.038	7900	1000
VOC	Xylenes (total)	302-BC06	Phase 1B	8	0.00141 - 1240	158	7900	1000
VOC	Xylenes (total)	302-BD05	Phase 1A	4	U (0.0022)	0.0011	7900	1000
VOC	Xylenes (total)	302-BE04	Phase 1A	5	U (0.012)	0.0023	7900	1000
VOC	Xylenes (total)	303-AY01	Phase 1A	4	U (0.005) - 0.00184	0.0020	7900	1000
VOC	Xylenes (total)	303-AZ01	Phase 1A	5	U (5.2) - 3.8	1.8	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	303-BA01	Phase 1A	8	U (0.0038) - 0.0069	0.0021	7900	1000
VOC	Xylenes (total)	303-BA02	Phase 1A	9	U (0.49) - 6.3	1.3	7900	1000
VOC	Xylenes (total)	303-BB01	Phase 1A	2	U (0.005)	0.0023	7900	1000
VOC	Xylenes (total)	303-BB02	Phase 1A	5	0.0031 - 0.22	0.045	7900	1000
VOC	Xylenes (total)	303-BC01	Phase 1A	4	U (0.0011) - 0.0025	0.0010	7900	1000
VOC	Xylenes (total)	303-BD04	Phase 1A	11	U (0.25) - 14	3.3	7900	1000
VOC	Xylenes (total)	303-BE03	Phase 1A	32	0.00329 - 2.8	0.38	7900	1000
VOC	Xylenes (total)	303-BF05	Phase 1A	20	U (2.2) - 21	1.7	7900	1000
VOC	Xylenes (total)	303-BG04	Phase 1A	28	U (8.5) - 94.5	6.8	7900	1000
VOC	Xylenes (total)	303-BH02	Phase 1A	25	0.00165 - 39	3.2	7900	1000
VOC	Xylenes (total)	303-BI03	Phase 1A	6	0.00214 - 0.0059	0.0026	7900	1000
VOC	Xylenes (total)	303-BJ01	Phase 1A	3	0.0132 - 0.246	0.13	7900	1000
VOC	Xylenes (total)	303-BJ02	Phase 1A	3	U (0.0013)	0.00051	7900	1000
VOC	Xylenes (total)	303-BK03	Phase 1A	7	0.0048 - 1.16	0.39	7900	1000
VOC	Xylenes (total)	303-BL02	Phase 1A	13	0.00184 - 1.075	0.096	7900	1000
VOC	Xylenes (total)	303-BM02	Phase 1A	2	0.0075 - 0.0075	0.0050	7900	1000
VOC	Xylenes (total)	303-BN02	Phase 1A	15	U (0.25) - 1.26	0.10	7900	1000
VOC	Xylenes (total)	303-BN03	Phase 1A	14	0.002 - 1.3	0.16	7900	1000
VOC	Xylenes (total)	303-BO02	Phase 1A	17	0.00255 - 3.3	0.69	7900	1000
VOC	Xylenes (total)	303-BP02	Phase 1A	45	0.00097 - 525	58	7900	1000
VOC	Xylenes (total)	303-BQ01	Phase 1A	4	0.001 - 0.0965	0.077	7900	1000
VOC	Xylenes (total)	303-BQ02	Phase 1A	25	0.008 - 560	94	7900	1000
VOC	Xylenes (total)	303-BR02	Phase 1A	8	0.00037 - 1.1	0.27	7900	1000
VOC	Xylenes (total)	303-BT01	Phase 1A	13	U (2.9) - 16	1.3	7900	1000
VOC	Xylenes (total)	303-BW01	Phase 1A	2	0.276 - 0.276	0.23	7900	1000
VOC	Xylenes (total)	ParcelB-01	Innovation Campus, Parcel B	2	0.34 - 0.34	0.95	7900	1000
VOC	Xylenes (total)	ParcelB-02	Innovation Campus, Parcel B	6	U (1.47) - 0.0789	0.24	7900	1000
VOC	Xylenes (total)	ParcelB-03	Innovation Campus, Parcel B	3	U (0.24) - 0.69	0.23	7900	1000
VOC	Xylenes (total)	ParcelB-04	Innovation Campus, Parcel B	3	U (1.21)	0.28	7900	1000
VOC	Xylenes (total)	ParcelB-06	Innovation Campus, Parcel B	2	U (0.567)	0.14	7900	1000
VOC	Xylenes (total)	ParcelB-07	Innovation Campus, Parcel B	6	U (0.23) - 0.49	0.12	7900	1000
VOC	Xylenes (total)	ParcelB-08	Innovation Campus, Parcel B	2	U (1.57)	0.39	7900	1000
VOC	Xylenes (total)	ParcelB-10	Innovation Campus, Parcel B	3	U (0.417)	0.13	7900	1000
VOC	Xylenes (total)	ParcelB-12	Innovation Campus, Parcel B	2	0.62 - 0.62	0.36	7900	1000
VOC	Xylenes (total)	ParcelB-13	Innovation Campus, Parcel B	2	0.36 - 3.2	1.8	7900	1000
VOC	Xylenes (total)	ParcelB-14	Innovation Campus, Parcel B	3	U (0.38) - 0.6	0.23	7900	1000
VOC	Xylenes (total)	ParcelB-15	Innovation Campus, Parcel B	2	4.91 - 4.91	2.5	7900	1000
VOC	Xylenes (total)	ParcelB-18	Innovation Campus, Parcel B	1	U (0.22)	0.11	7900	1000
VOC	Xylenes (total)	ParcelB-19	Innovation Campus, Parcel B	1	U (3.1)	1.6	7900	1000
VOC	Xylenes (total)	ParcelB-20	Innovation Campus, Parcel B	3	34 - 34	11	7900	1000
VOC	Xylenes (total)	ParcelB-21	Innovation Campus, Parcel B	3	U (0.24)	0.041	7900	1000
VOC	Xylenes (total)	101-D20-C	Innovation Campus	21	U (0.116) - 0.00174	0.0039	7900	1000
VOC	Xylenes (total)	101-G24-C	Innovation Campus	2	U (0.00424)	0.0019	7900	1000
VOC	Xylenes (total)	101-G26-C	Innovation Campus	1	U (0.21)	0.11	7900	1000
VOC	Xylenes (total)	101-H24-C	Innovation Campus	2	U (0.0011)	0.00050	7900	1000
VOC	Xylenes (total)	101-I23-C	Innovation Campus	1	U (0.23)	0.12	7900	1000
VOC	Xylenes (total)	101-I25-C	Innovation Campus	2	U (0.11)	0.028	7900	1000
VOC	Xylenes (total)	101-J23-C	Innovation Campus	2	U (0.099)	0.025	7900	1000
VOC	Xylenes (total)	101-L31-C	Innovation Campus	2	U (0.00397)	0.0020	7900	1000
VOC	Xylenes (total)	101-U37-C	Innovation Campus	5	U (0.18)	0.026	7900	1000
VOC	Xylenes (total)	102-E08-C	Innovation Campus	3	U (1.21)	0.28	7900	1000
VOC	Xylenes (total)	102-G23-C	Innovation Campus	2	U (0.0829)	0.022	7900	1000
VOC	Xylenes (total)	103-A10-C	Innovation Campus	6	U (1.57)	0.22	7900	1000
VOC	Xylenes (total)	103-A10-S	Innovation Campus	2	U (1.57)	0.39	7900	1000
VOC	Xylenes (total)	103-A14-S	Innovation Campus	1	U (0.38)	0.19	7900	1000
VOC	Xylenes (total)	103-A15-S	Innovation Campus	2	U (0.417)	0.11	7900	1000
VOC	Xylenes (total)	103-A17-S	Innovation Campus	1	U (0.23)	0.12	7900	1000
VOC	Xylenes (total)	103-H01-C	Innovation Campus	2	0.36 - 3.2	1.8	7900	1000
VOC	Xylenes (total)	104-K10-C	Innovation Campus	2	U (0.072) - 0.0935	0.048	7900	1000
VOC	Xylenes (total)	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	7900	1000
VOC	Xylenes (total)	LS-A-A02	Innovation Campus	2	U (0.3)	0.075	7900	1000
VOC	Xylenes (total)	LS-A-A03	Innovation Campus	1	U (0.0014)	0.00070	7900	1000
VOC	Xylenes (total)	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	7900	1000
VOC	Xylenes (total)	LS-A-B02	Innovation Campus	14	0.00022 - 0.00022	0.00089	7900	1000
VOC	Xylenes (total)	LS-A-B03	Innovation Campus	4	6.12 - 6.12	1.5	7900	1000
VOC	Xylenes (total)	LS-A-C01	Innovation Campus	28	U (0.22) - 0.0048	0.0092	7900	1000
VOC	Xylenes (total)	LS-A-C02	Innovation Campus	12	U (0.9) - 0.451	0.088	7900	1000
VOC	Xylenes (total)	LS-A-C04	Innovation Campus	3	U (0.21)	0.048	7900	1000
VOC	Xylenes (total)	LS-A-D01	Innovation Campus	5	0.346 - 2.7	0.73	7900	1000
VOC	Xylenes (total)	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	7900	1000
VOC	Xylenes (total)	LS-A-D03	Innovation Campus	3	U (0.26)	0.045	7900	1000
VOC	Xylenes (total)	LS-A-D04	Innovation Campus	2	U (0.00365)	0.0017	7900	1000
VOC	Xylenes (total)	LS-A-D05	Innovation Campus	6	U (0.27) - 0.88	0.28	7900	1000
VOC	Xylenes (total)	LS-A-D06	Innovation Campus	2	U (0.0794)	0.021	7900	1000
VOC	Xylenes (total)	LS-A-D07	Innovation Campus	2	1.32 - 1.32	0.66	7900	1000
VOC	Xylenes (total)	LS-A-E01	Innovation Campus	3	U (3.1)	0.56	7900	1000
VOC	Xylenes (total)	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	7900	1000
VOC	Xylenes (total)	LS-A-E04	Innovation Campus	2	0.11 - 6.54	3.3	7900	1000
VOC	Xylenes (total)	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	7900	1000
VOC	Xylenes (total)	LS-A-E07	Innovation Campus	7	U (7)	1.7	7900	1000
VOC	Xylenes (total)	LS-A-E08	Innovation Campus	6	U (4.5) - 0.24	0.84	7900	1000
VOC	Xylenes (total)	LS-A-F01	Innovation Campus	3	U (1.9)	0.36	7900	1000
VOC	Xylenes (total)	LS-A-F02	Innovation Campus	3	34 - 34	11	7900	1000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
VOC	Xylenes (total)	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	7900	1000
VOC	Xylenes (total)	LS-A-F04	Innovation Campus	12	U (0.37)	0.045	7900	1000
VOC	Xylenes (total)	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	7900	1000
VOC	Xylenes (total)	LS-A-G01	Innovation Campus	3	U (3.1)	0.65	7900	1000
VOC	Xylenes (total)	LS-A-G02	Innovation Campus	2	U (2.2)	0.70	7900	1000
VOC	Xylenes (total)	LS-A-G03	Innovation Campus	3	0.6 - 4.91	1.8	7900	1000
VOC	Xylenes (total)	LS-A-G07	Innovation Campus	3	U (0.24)	0.041	7900	1000
VOC	Xylenes (total)	LS-A-G08	Innovation Campus	2	U (0.00375) - 0.067	0.034	7900	1000
VOC	Xylenes (total)	LS-A-H03	Innovation Campus	2	U (0.00354)	0.0018	7900	1000
VOC	Xylenes (total)	LS-A-H04	Innovation Campus	2	U (0.0621)	0.016	7900	1000
VOC	Xylenes (total)	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	7900	1000
VOC	Xylenes (total)	LS-A-H07	Innovation Campus	2	0.0635 - 0.315	0.19	7900	1000
VOC	Xylenes (total)	LS-A-I01	Innovation Campus	6	U (0.567)	0.10	7900	1000
VOC	Xylenes (total)	LS-A-I02	Innovation Campus	1	0.2 - 0.2	0.20	7900	1000
VOC	Xylenes (total)	LS-A-I03	Innovation Campus	3	U (0.424)	0.11	7900	1000
VOC	Xylenes (total)	LS-B-B01	Innovation Campus	1	U (0.0035)	0.0018	7900	1000
VOC	Xylenes (total)	LS-B-C01	Innovation Campus	3	U (0.25)	0.063	7900	1000
VOC	Xylenes (total)	LS-B-E01	Innovation Campus	4	U (0.681) - 23.6	7.5	7900	1000
VOC	Xylenes (total)	LS-B-G02	Innovation Campus	1	U (0.00415)	0.0021	7900	1000
VOC	Xylenes (total)	LS-B-H02	Innovation Campus	3	U (0.707) - 0.61	0.32	7900	1000
VOC	Xylenes (total)	LS-E-B01	Innovation Campus	94	U (4.02) - 24.1	0.85	7900	1000
VOC	Xylenes (total)	LS-E-G01	Innovation Campus	4	U (0.23) - 0.042	0.068	7900	1000
SVOC	Anthracene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.0576 - 0.0834	0.054	190000	350
SVOC	Anthracene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.45) - 0.64	0.22	190000	350
SVOC	Anthracene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0015 - 0.083	0.023	190000	350
SVOC	Anthracene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.075) - 1.7	0.24	190000	350
SVOC	Anthracene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17) - 0.0724	0.058	190000	350
SVOC	Anthracene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.037 - 0.475	0.18	190000	350
SVOC	Anthracene	401-MA3-1-18	Major Amendment 3 Resampling	1	1.6 - 1.6	1.6	190000	350
SVOC	Anthracene	401-MA3-1-21	Major Amendment 3 Resampling	3	U (8.5)	1.4	190000	350
SVOC	Anthracene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.71	0.24	190000	350
SVOC	Anthracene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.17)	0.051	190000	350
SVOC	Anthracene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.026 - 0.42	0.16	190000	350
SVOC	Anthracene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.035 - 0.035	0.022	190000	350
SVOC	Anthracene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	190000	350
SVOC	Anthracene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.0323 - 1.29	0.35	190000	350
SVOC	Anthracene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.092	0.069	190000	350
SVOC	Anthracene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.025 - 0.728	0.20	190000	350
SVOC	Anthracene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 1.7	0.61	190000	350
SVOC	Anthracene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.3 - 0.3	0.43	190000	350
SVOC	Anthracene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.65 - 0.65	0.33	190000	350
SVOC	Anthracene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.17 - 1.2	0.34	190000	350
SVOC	Anthracene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.028 - 0.028	0.028	190000	350
SVOC	Anthracene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.42 - 0.44	0.22	190000	350
SVOC	Anthracene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (3.8) - 5.7	0.44	190000	350
SVOC	Anthracene	401-MA3-1-61	Major Amendment 3 Resampling	3	0.024 - 0.024	0.014	190000	350
SVOC	Anthracene	401-MA3-1-68	Major Amendment 3 Resampling	1	4.1 - 4.1	4.1	190000	350
SVOC	Anthracene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088)	0.021	190000	350
SVOC	Anthracene	401-MA3-1-72	Major Amendment 3 Resampling	4	0.23 - 0.54	0.23	190000	350
SVOC	Anthracene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.024 - 9.6	0.86	190000	350
SVOC	Anthracene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.078 - 0.12	0.076	190000	350
SVOC	Anthracene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	190000	350
SVOC	Anthracene	403-MA3-1-04	Major Amendment 3 Resampling	1	0.094 - 0.094	0.094	190000	350
SVOC	Anthracene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	190000	350
SVOC	Anthracene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.0771 - 0.1	0.072	190000	350
SVOC	Anthracene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	190000	350
SVOC	Anthracene	404-MA3-1-01	Major Amendment 3 Resampling	18	0.142 - 6.3	1.8	190000	350
SVOC	Anthracene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.0834 - 8.3	2.8	190000	350
SVOC	Anthracene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.0396 - 12.6	0.62	190000	350
SVOC	Anthracene	404-MA3-1-06	Major Amendment 3 Resampling	4	0.098 - 0.87	0.38	190000	350
SVOC	Anthracene	401-A01	Major Amendment 3	4	0.0576 - 0.0834	0.054	190000	350
SVOC	Anthracene	401-E02	Major Amendment 3	24	U (0.45) - 0.64	0.11	190000	350
SVOC	Anthracene	401-F01	Major Amendment 3	8	U (0.075) - 1.7	0.24	190000	350
SVOC	Anthracene	401-G01	Major Amendment 3	3	U (0.17) - 0.0724	0.058	190000	350
SVOC	Anthracene	401-H01	Major Amendment 3	3	0.037 - 0.475	0.18	190000	350
SVOC	Anthracene	401-I01	Major Amendment 3	1	1.6 - 1.6	1.6	190000	350
SVOC	Anthracene	401-J01	Major Amendment 3	3	U (8.5)	1.4	190000	350
SVOC	Anthracene	401-K01	Major Amendment 3	5	U (0.021) - 0.71	0.24	190000	350
SVOC	Anthracene	401-L01	Major Amendment 3	2	U (0.17)	0.051	190000	350
SVOC	Anthracene	401-L02	Major Amendment 3	6	0.026 - 0.42	0.093	190000	350
SVOC	Anthracene	401-N01	Major Amendment 3	2	0.035 - 0.035	0.022	190000	350
SVOC	Anthracene	401-O01	Major Amendment 3	1	U (0.033)	0.017	190000	350
SVOC	Anthracene	401-P01	Major Amendment 3	5	0.0323 - 1.29	0.35	190000	350
SVOC	Anthracene	401-Q01	Major Amendment 3	33	U (15) - 412	15	190000	350
SVOC	Anthracene	401-R01	Major Amendment 3	4	0.23 - 0.54	0.23	190000	350
SVOC	Anthracene	402-A01	Major Amendment 3	41	0.054 - 4.4	0.85	190000	350
SVOC	Anthracene	402-B01	Major Amendment 3	58	0.037 - 11	1.6	190000	350
SVOC	Anthracene	402-C01	Major Amendment 3	3	0.38 - 0.59	0.33	190000	350
SVOC	Anthracene	403-A01	Major Amendment 3	2	U (0.19)	0.058	190000	350
SVOC	Anthracene	403-B01	Major Amendment 3	13	0.078 - 0.12	0.076	190000	350
SVOC	Anthracene	403-C01	Major Amendment 3	8	U (1.4) - 16.1	2.1	190000	350
SVOC	Anthracene	403-C02	Major Amendment 3	1	0.094 - 0.094	0.094	190000	350
SVOC	Anthracene	403-E01	Major Amendment 3	1	U (0.039)	0.020	190000	350

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Anthracene	403-F01	Major Amendment 3	7	U (0.18) - 0.29	0.062	190000	350
SVOC	Anthracene	403-G01	Major Amendment 3	2	U (0.18)	0.054	190000	350
SVOC	Anthracene	404-A01	Major Amendment 3	19	0.0209 - 3.3	0.58	190000	350
SVOC	Anthracene	404-B01	Major Amendment 3	24	0.026 - 45.5	3.2	190000	350
SVOC	Anthracene	404-B02	Major Amendment 3	4	0.098 - 0.87	0.38	190000	350
SVOC	Anthracene	404-C01	Major Amendment 3	3	0.279 - 14	6.7	190000	350
SVOC	Anthracene	404-D01	Major Amendment 3	6	0.0682 - 0.603	0.26	190000	350
SVOC	Anthracene	404-E01	Major Amendment 3	30	0.0238 - 17.5	3.3	190000	350
SVOC	Anthracene	404-F01	Major Amendment 3	22	0.144 - 124	16	190000	350
SVOC	Anthracene	201-A01	Phase 1A	7	U (0.12) - 0.38	0.12	190000	350
SVOC	Anthracene	201-A02	Phase 1A	14	U (0.13) - 0.48	0.14	190000	350
SVOC	Anthracene	201-A03	Phase 1A	7	U (0.12) - 0.072	0.056	190000	350
SVOC	Anthracene	201-A04	Phase 1A	29	U (2.6) - 0.64	0.18	190000	350
SVOC	Anthracene	201-A05	Phase 1A	9	U (0.41) - 0.083	0.046	190000	350
SVOC	Anthracene	201-A06	Phase 1A	7	0.01 - 0.086	0.059	190000	350
SVOC	Anthracene	201-A07	Phase 1A	9	0.002 - 0.047	0.036	190000	350
SVOC	Anthracene	201-A08	Phase 1A	7	U (0.038) - 0.043	0.010	190000	350
SVOC	Anthracene	201-A09	Phase 1A	7	0.0014 - 0.2	0.035	190000	350
SVOC	Anthracene	201-A10	Phase 1A	3	U (0.039) - 0.11	0.039	190000	350
SVOC	Anthracene	201-A11	Phase 1A	4	U (0.12) - 0.02	0.022	190000	350
SVOC	Anthracene	201-A12	Phase 1A	6	0.015 - 0.41	0.10	190000	350
SVOC	Anthracene	201-A13	Phase 1A	4	U (0.041) - 0.057	0.029	190000	350
SVOC	Anthracene	201-A14	Phase 1A	9	0.0062 - 0.82	0.24	190000	350
SVOC	Anthracene	201-B02	Phase 1A	2	0.15 - 0.15	0.13	190000	350
SVOC	Anthracene	201-B04	Phase 1A	3	U (0.063)	0.015	190000	350
SVOC	Anthracene	201-B05	Phase 1A	3	0.06 - 0.61	0.38	190000	350
SVOC	Anthracene	201-B08	Phase 1A	4	U (0.066)	0.013	190000	350
SVOC	Anthracene	201-C01	Phase 1A	14	U (1.2) - 0.47	0.16	190000	350
SVOC	Anthracene	201-C04	Phase 1A	11	U (1.2) - 0.37	0.26	190000	350
SVOC	Anthracene	201-C05	Phase 1A	3	0.0041 - 8.8	3.0	190000	350
SVOC	Anthracene	201-C07	Phase 1A	8	0.1 - 0.87	0.45	190000	350
SVOC	Anthracene	201-C08	Phase 1A	11	0.034 - 2.7	0.29	190000	350
SVOC	Anthracene	201-C09	Phase 1A	7	U (0.11)	0.051	190000	350
SVOC	Anthracene	201-C10	Phase 1A	3	U (0.4) - 0.467	0.36	190000	350
SVOC	Anthracene	201-D01	Phase 1A	4	U (0.42) - 0.362	0.24	190000	350
SVOC	Anthracene	201-D05	Phase 1A	4	0.0051 - 5.8	2.0	190000	350
SVOC	Anthracene	201-D12	Phase 1A	3	U (0.12)	0.057	190000	350
SVOC	Anthracene	201-E01	Phase 1A	43	0.0015 - 0.36	0.057	190000	350
SVOC	Anthracene	201-E02	Phase 1A	1	U (0.12)	0.060	190000	350
SVOC	Anthracene	201-E03	Phase 1A	3	0.023 - 0.079	0.097	190000	350
SVOC	Anthracene	201-E04	Phase 1A	3	U (0.59) - 0.4	0.25	190000	350
SVOC	Anthracene	201-E05	Phase 1A	22	U (0.33) - 0.081	0.042	190000	350
SVOC	Anthracene	201-F01	Phase 1A	36	U (0.52) - 3	0.18	190000	350
SVOC	Anthracene	201-F02	Phase 1A	4	0.0049 - 3.6	1.1	190000	350
SVOC	Anthracene	201-F03	Phase 1A	25	0.0077 - 0.4	0.071	190000	350
SVOC	Anthracene	201-F04	Phase 1A	21	U (0.41) - 0.072	0.069	190000	350
SVOC	Anthracene	202-A03	Phase 1A	8	0.024 - 0.076	0.040	190000	350
SVOC	Anthracene	202-A04	Phase 1A	4	U (0.41)	0.13	190000	350
SVOC	Anthracene	202-A05	Phase 1A	4	0.00075 - 0.00075	0.018	190000	350
SVOC	Anthracene	202-A06	Phase 1A	4	U (0.12)	0.055	190000	350
SVOC	Anthracene	202-A07	Phase 1A	3	U (0.12)	0.060	190000	350
SVOC	Anthracene	202-A08	Phase 1A	3	U (0.12)	0.060	190000	350
SVOC	Anthracene	202-A09	Phase 1A	6	U (0.12)	0.059	190000	350
SVOC	Anthracene	202-B01	Phase 1A	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	202-B02	Phase 1A	8	U (0.4)	0.12	190000	350
SVOC	Anthracene	202-B03	Phase 1A	15	0.04 - 0.063	0.066	190000	350
SVOC	Anthracene	202-B04	Phase 1A	3	U (0.52) - 0.097	0.14	190000	350
SVOC	Anthracene	202-B05	Phase 1A	4	U (0.039)	0.019	190000	350
SVOC	Anthracene	202-B09	Phase 1A	9	U (0.59) - 0.74	0.21	190000	350
SVOC	Anthracene	202-C04	Phase 1A	15	U (3.7) - 0.16	0.27	190000	350
SVOC	Anthracene	202-C05	Phase 1A	10	U (0.2) - 0.33	0.12	190000	350
SVOC	Anthracene	202-C06	Phase 1A	4	0.019 - 0.057	0.039	190000	350
SVOC	Anthracene	202-C07	Phase 1A	8	U (0.39) - 0.89	0.24	190000	350
SVOC	Anthracene	202-C08	Phase 1A	4	U (0.2) - 0.22	0.11	190000	350
SVOC	Anthracene	202-C10	Phase 1A	1	U (0.38)	0.19	190000	350
SVOC	Anthracene	202-D05	Phase 1A	5	U (0.36) - 3.6	0.76	190000	350
SVOC	Anthracene	202-D06	Phase 1A	11	U (2) - 0.74	0.51	190000	350
SVOC	Anthracene	202-E06	Phase 1A	2	U (0.12)	0.055	190000	350
SVOC	Anthracene	202-E08	Phase 1A	13	U (0.38) - 0.035	0.068	190000	350
SVOC	Anthracene	202-E09	Phase 1A	16	U (0.41) - 0.2	0.082	190000	350
SVOC	Anthracene	202-E10	Phase 1A	6	U (0.45)	0.11	190000	350
SVOC	Anthracene	202-E11	Phase 1A	2	U (0.41)	0.16	190000	350
SVOC	Anthracene	202-E12	Phase 1A	4	U (0.42)	0.084	190000	350
SVOC	Anthracene	202-E13	Phase 1A	2	U (0.38)	0.15	190000	350
SVOC	Anthracene	202-E15	Phase 1A	2	U (0.38)	0.19	190000	350
SVOC	Anthracene	202-F01	Phase 1A	7	0.21 - 0.21	0.21	190000	350
SVOC	Anthracene	202-F04	Phase 1A	10	0.06 - 0.11	0.057	190000	350
SVOC	Anthracene	202-F05	Phase 1A	2	U (0.11)	0.038	190000	350
SVOC	Anthracene	202-F06	Phase 1A	2	U (0.43)	0.12	190000	350
SVOC	Anthracene	202-F07	Phase 1A	17	U (2.3) - 0.35	0.19	190000	350
SVOC	Anthracene	202-F08	Phase 1A	4	U (0.12)	0.040	190000	350
SVOC	Anthracene	202-F10	Phase 1A	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	202-F14	Phase 1A	2	U (0.038)	0.019	190000	350

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Anthracene	202-F16	Phase 1A	4	U (0.4) - 0.45	0.18	190000	350
SVOC	Anthracene	202-F17	Phase 1A	8	U (0.11)	0.054	190000	350
SVOC	Anthracene	202-G01	Phase 1A	8	U (0.21)	0.060	190000	350
SVOC	Anthracene	202-G02	Phase 1A	14	U (2.4) - 3.7	0.32	190000	350
SVOC	Anthracene	202-G03	Phase 1A	9	U (0.11)	0.048	190000	350
SVOC	Anthracene	202-G04	Phase 1A	3	U (0.2)	0.083	190000	350
SVOC	Anthracene	202-G05	Phase 1A	6	U (0.41)	0.13	190000	350
SVOC	Anthracene	202-G07	Phase 1A	16	U (0.12) - 0.32	0.077	190000	350
SVOC	Anthracene	202-H03	Phase 1A	5	1.79 - 2.56	0.91	190000	350
SVOC	Anthracene	202-H05	Phase 1A	1	U (0.04)	0.020	190000	350
SVOC	Anthracene	202-H06	Phase 1A	2	U (0.04) - 0.0182	0.019	190000	350
SVOC	Anthracene	202-H07	Phase 1A	2	U (0.037)	0.018	190000	350
SVOC	Anthracene	202-H08	Phase 1A	3	U (0.12)	0.053	190000	350
SVOC	Anthracene	202-H11	Phase 1A	10	U (0.12) - 0.061	0.056	190000	350
SVOC	Anthracene	202-I01	Phase 1A	2	U (0.12)	0.058	190000	350
SVOC	Anthracene	202-I04	Phase 1A	4	U (0.11)	0.053	190000	350
SVOC	Anthracene	202-J03	Phase 1A	7	0.29 - 2.1	1.1	190000	350
SVOC	Anthracene	202-J04	Phase 1A	8	U (1.2) - 5.8	1.4	190000	350
SVOC	Anthracene	202-J05	Phase 1A	6	0.00085 - 0.025	0.013	190000	350
SVOC	Anthracene	202-J07	Phase 1A	7	U (0.39) - 0.068	0.068	190000	350
SVOC	Anthracene	202-J08	Phase 1A	1	0.23 - 0.23	0.23	190000	350
SVOC	Anthracene	202-J09	Phase 1A	2	U (0.022) - 0.69	0.35	190000	350
SVOC	Anthracene	301-AA01	Phase 1A	1	U (0.04)	0.020	190000	350
SVOC	Anthracene	301-AA02	Phase 1B	2	U (0.039)	0.019	190000	350
SVOC	Anthracene	301-AA05	Phase 1B	11	U (2.1)	0.42	190000	350
SVOC	Anthracene	301-AA06	Phase 1A	11	0.0017 - 0.24	0.094	190000	350
SVOC	Anthracene	301-AA07	Phase 1A	4	U (0.12) - 0.859	0.25	190000	350
SVOC	Anthracene	301-AA08	Phase 1A	3	U (0.02) - 0.062	0.027	190000	350
SVOC	Anthracene	301-AA09	Phase 1A	3	U (0.02) - 0.082	0.034	190000	350
SVOC	Anthracene	301-AB04	Phase 1A	3	U (0.37)	0.18	190000	350
SVOC	Anthracene	301-AB05	Phase 1B	6	U (0.4) - 0.047	0.067	190000	350
SVOC	Anthracene	301-AB06	Phase 1A	2	U (0.11)	0.055	190000	350
SVOC	Anthracene	301-AB07	Phase 1A	1	U (0.2)	0.10	190000	350
SVOC	Anthracene	301-AB09	Phase 1A	2	U (0.876) - 8.19	4.1	190000	350
SVOC	Anthracene	301-AC03	Phase 1B	2	0.142 - 0.39	0.27	190000	350
SVOC	Anthracene	301-AC04	Phase 1A	25	U (0.57) - 4	0.28	190000	350
SVOC	Anthracene	301-AC07	Phase 1A	10	U (0.56) - 0.5	0.13	190000	350
SVOC	Anthracene	301-AC08	Phase 1A	7	0.04 - 3	0.47	190000	350
SVOC	Anthracene	301-AC09	Phase 1A	6	U (0.39)	0.036	190000	350
SVOC	Anthracene	301-B01	Phase 1A	1	U (0.018)	0.0090	190000	350
SVOC	Anthracene	301-C01	Phase 1A	3	0.0091 - 6.4	2.1	190000	350
SVOC	Anthracene	301-C02	Phase 1A	7	U (0.39) - 0.031	0.045	190000	350
SVOC	Anthracene	301-D01	Phase 1A	13	0.059 - 0.73	0.14	190000	350
SVOC	Anthracene	301-E02	Phase 1A	14	U (0.35) - 0.11	0.049	190000	350
SVOC	Anthracene	301-E03	Phase 1A	4	U (0.021) - 0.47	0.15	190000	350
SVOC	Anthracene	301-G01	Phase 1A	2	0.0024 - 0.016	0.0092	190000	350
SVOC	Anthracene	301-G02	Phase 1A	3	0.046 - 0.18	0.092	190000	350
SVOC	Anthracene	301-G03	Phase 1A	1	0.11 - 0.11	0.11	190000	350
SVOC	Anthracene	301-H02	Phase 1A	3	0.059 - 0.11	0.056	190000	350
SVOC	Anthracene	301-H03	Phase 1A	2	U (0.03)	0.012	190000	350
SVOC	Anthracene	301-L01	Phase 1C	7	0.17 - 0.42	0.15	190000	350
SVOC	Anthracene	301-N02	Phase 1A	3	0.036 - 0.3	0.13	190000	350
SVOC	Anthracene	301-P02	Phase 1A	2	0.728 - 0.728	0.37	190000	350
SVOC	Anthracene	301-Q04	Phase 1A	6	U (0.4) - 0.349	0.17	190000	350
SVOC	Anthracene	301-R02	Phase 1A	6	U (0.087) - 0.026	0.023	190000	350
SVOC	Anthracene	301-S02	Phase 1A	4	0.024 - 0.024	0.021	190000	350
SVOC	Anthracene	301-S03	Phase 1A	1	U (0.036)	0.018	190000	350
SVOC	Anthracene	301-T01	Phase 1B	5	U (5.3) - 4.1	1.9	190000	350
SVOC	Anthracene	301-T02	Phase 1B	2	U (1.9) - 0.54	0.31	190000	350
SVOC	Anthracene	301-T03	Phase 1C	2	0.23 - 0.23	0.14	190000	350
SVOC	Anthracene	301-T04	Phase 1A	2	U (0.09)	0.027	190000	350
SVOC	Anthracene	301-U01	Phase 1B	2	U (0.19) - 0.71	0.36	190000	350
SVOC	Anthracene	301-U03	Phase 1B	1	U (0.17)	0.085	190000	350
SVOC	Anthracene	301-V01	Phase 1B	7	U (0.041) - 0.293	0.078	190000	350
SVOC	Anthracene	301-V02	Phase 1B	19	0.055 - 1.1	0.16	190000	350
SVOC	Anthracene	301-V04	Phase 1A	29	U (0.17) - 0.056	0.040	190000	350
SVOC	Anthracene	301-W01	Phase 1B	24	U (0.13) - 0.72	0.069	190000	350
SVOC	Anthracene	301-W03	Phase 1A	4	0.019 - 0.019	0.0094	190000	350
SVOC	Anthracene	301-X01	Phase 1B	11	0.0064 - 0.497	0.19	190000	350
SVOC	Anthracene	301-X03	Phase 1A	3	0.2 - 0.2	0.073	190000	350
SVOC	Anthracene	301-Y01	Phase 1B	10	U (0.36) - 0.763	0.13	190000	350
SVOC	Anthracene	301-Y02	Phase 1B	4	U (0.17) - 0.45	0.13	190000	350
SVOC	Anthracene	301-Y03	Phase 1A	2	U (0.04)	0.019	190000	350
SVOC	Anthracene	301-Y04	Phase 1A	3	U (0.02)	0.0092	190000	350
SVOC	Anthracene	301-Y05	Phase 1A	6	U (0.12) - 0.3	0.089	190000	350
SVOC	Anthracene	301-Z01	Phase 1B	6	U (0.039)	0.018	190000	350
SVOC	Anthracene	301-Z02	Phase 1B	2	U (0.18)	0.054	190000	350
SVOC	Anthracene	301-Z03	Phase 1B	5	U (0.41) - 1.33	0.39	190000	350
SVOC	Anthracene	301-Z04	Phase 1A	14	0.041 - 1.1	0.21	190000	350
SVOC	Anthracene	302-AD02	Phase 1C	2	U (0.19)	0.057	190000	350
SVOC	Anthracene	302-AD06	Phase 1B	12	U (0.14) - 0.061	0.051	190000	350
SVOC	Anthracene	302-AD07	Phase 1B	2	U (0.11)	0.053	190000	350
SVOC	Anthracene	302-AD08	Phase 1A	2	U (0.1)	0.050	190000	350

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Anthracene	302-AD09	Phase 1A	3	U (0.1)	0.029	190000	350
SVOC	Anthracene	302-AD10	Phase 1A	4	0.05 - 0.49	0.24	190000	350
SVOC	Anthracene	302-AE03	Phase 1B	4	0.073 - 3.3	0.92	190000	350
SVOC	Anthracene	302-AE04	Phase 1B	8	U (0.56) - 0.76	0.14	190000	350
SVOC	Anthracene	302-AE05	Phase 1B	20	U (0.12) - 0.092	0.057	190000	350
SVOC	Anthracene	302-AE07	Phase 1B	3	U (0.11) - 0.209	0.10	190000	350
SVOC	Anthracene	302-AE08	Phase 1B	3	U (0.12)	0.040	190000	350
SVOC	Anthracene	302-AE09	Phase 1A	4	U (0.12)	0.046	190000	350
SVOC	Anthracene	302-AF04	Phase 1B	22	U (0.11) - 0.52	0.057	190000	350
SVOC	Anthracene	302-AF05	Phase 1B	2	0.0744 - 0.0768	0.076	190000	350
SVOC	Anthracene	302-AF06	Phase 1A	8	0.088 - 0.16	0.079	190000	350
SVOC	Anthracene	302-AF09	Phase 1B	5	U (0.04) - 0.0934	0.034	190000	350
SVOC	Anthracene	302-AG04	Phase 1B	9	U (0.11) - 1.4	0.27	190000	350
SVOC	Anthracene	302-AG06	Phase 1B	5	U (0.041)	0.019	190000	350
SVOC	Anthracene	302-AG07	Phase 1A	14	U (0.12)	0.039	190000	350
SVOC	Anthracene	302-AG08	Phase 1B	6	0.078 - 4	0.88	190000	350
SVOC	Anthracene	302-AH01	Phase 1C	2	U (0.19)	0.057	190000	350
SVOC	Anthracene	302-AH05	Phase 1B	11	0.0383 - 0.69	0.21	190000	350
SVOC	Anthracene	302-AH06	Phase 1B	4	U (0.0415) - 0.0303	0.022	190000	350
SVOC	Anthracene	302-AH07	Phase 1B	21	U (0.37) - 0.6	0.078	190000	350
SVOC	Anthracene	302-AH08	Phase 1B	13	U (0.041) - 0.48	0.11	190000	350
SVOC	Anthracene	302-AI01	Phase 1C	2	U (0.04) - 0.086	0.052	190000	350
SVOC	Anthracene	302-AI05	Phase 1B	11	U (0.12) - 0.21	0.065	190000	350
SVOC	Anthracene	302-AI06	Phase 1B	19	U (0.13) - 1.2	0.16	190000	350
SVOC	Anthracene	302-AI07	Phase 1B	10	U (0.375) - 0.156	0.090	190000	350
SVOC	Anthracene	302-AI08	Phase 1B	2	U (0.38)	0.11	190000	350
SVOC	Anthracene	302-AI09	Phase 1B	3	U (0.041) - 0.0977	0.045	190000	350
SVOC	Anthracene	302-AJ05	Phase 1B	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	302-AJ06	Phase 1B	5	0.1 - 0.1	0.068	190000	350
SVOC	Anthracene	302-AJ09	Phase 1A	13	U (57) - 1.6	3.3	190000	350
SVOC	Anthracene	302-AK05	Phase 1B	5	U (0.2) - 0.11	0.060	190000	350
SVOC	Anthracene	302-AK06	Phase 1A	3	U (0.42) - 1.3	0.57	190000	350
SVOC	Anthracene	302-AK07	Phase 1B	13	U (0.0426) - 2	0.38	190000	350
SVOC	Anthracene	302-AL01	Phase 1C	2	0.0417 - 0.0417	0.030	190000	350
SVOC	Anthracene	302-AL03	Phase 1B	2	0.0191 - 0.873	0.45	190000	350
SVOC	Anthracene	302-AL05	Phase 1B	13	U (0.42) - 1.2	0.34	190000	350
SVOC	Anthracene	302-AL06	Phase 1A	13	0.29 - 1.9	0.42	190000	350
SVOC	Anthracene	302-AL08	Phase 1B	2	U (0.041)	0.019	190000	350
SVOC	Anthracene	302-AN01	Phase 1B	2	U (0.035) - 0.0176	0.017	190000	350
SVOC	Anthracene	302-AN02	Phase 1A	2	U (0.198)	0.058	190000	350
SVOC	Anthracene	302-AO03	Phase 1A	2	U (0.0418)	0.020	190000	350
SVOC	Anthracene	302-AP02	Phase 1B	2	U (0.042) - 0.156	0.089	190000	350
SVOC	Anthracene	302-AP03	Phase 1B	23	U (0.4) - 0.061	0.056	190000	350
SVOC	Anthracene	302-AP04	Phase 1B	2	0.0207 - 0.0207	0.020	190000	350
SVOC	Anthracene	302-AP05	Phase 1B	2	U (0.035)	0.017	190000	350
SVOC	Anthracene	302-AQ01	Phase 1B	2	0.081 - 0.85	0.47	190000	350
SVOC	Anthracene	302-AQ02	Phase 1A	7	U (1.1) - 1.7	0.29	190000	350
SVOC	Anthracene	302-AQ04	Phase 1B	2	U (0.11)	0.055	190000	350
SVOC	Anthracene	302-AR01	Phase 1B	2	0.12 - 2.7	1.4	190000	350
SVOC	Anthracene	302-AR02	Phase 1A	4	U (0.12)	0.055	190000	350
SVOC	Anthracene	302-AR04	Phase 1B	3	U (0.12)	0.050	190000	350
SVOC	Anthracene	302-AS03	Phase 1A	13	U (0.12) - 0.145	0.051	190000	350
SVOC	Anthracene	302-AS04	Phase 1B	2	U (0.0419)	0.021	190000	350
SVOC	Anthracene	302-AT01	Phase 1B	2	U (0.23)	0.12	190000	350
SVOC	Anthracene	302-AT02	Phase 1B	2	U (0.77) - 0.121	0.25	190000	350
SVOC	Anthracene	302-AT03	Phase 1B	4	U (0.039) - 0.0676	0.031	190000	350
SVOC	Anthracene	302-AU01	Phase 1B	4	U (0.075) - 0.71	0.23	190000	350
SVOC	Anthracene	302-AU02	Phase 1B	8	U (4)	0.30	190000	350
SVOC	Anthracene	302-AU03	Phase 1B	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	302-AV01	Phase 1A	10	0.0448 - 1.5	0.36	190000	350
SVOC	Anthracene	302-AV02	Phase 1B	4	U (0.59) - 1.1	0.32	190000	350
SVOC	Anthracene	302-AV03	Phase 1A	6	U (0.12) - 0.77	0.18	190000	350
SVOC	Anthracene	302-AV04	Phase 1B	2	U (0.0415)	0.020	190000	350
SVOC	Anthracene	302-AW01	Phase 1A	9	0.083 - 9.6	1.5	190000	350
SVOC	Anthracene	302-AW02	Phase 1B	2	U (1.9) - 2.1	1.1	190000	350
SVOC	Anthracene	302-AW03	Phase 1A	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	302-AX01	Phase 1A	13	U (5.2) - 23	2.4	190000	350
SVOC	Anthracene	302-AX02	Phase 1B	3	U (0.038)	0.018	190000	350
SVOC	Anthracene	302-AX05	Phase 1A	2	U (0.0414)	0.020	190000	350
SVOC	Anthracene	302-AY02	Phase 1B	14	0.24 - 13.2	2.6	190000	350
SVOC	Anthracene	302-AY03	Phase 1B	2	0.0421 - 0.0486	0.045	190000	350
SVOC	Anthracene	302-AY05	Phase 1B	2	U (0.19)	0.058	190000	350
SVOC	Anthracene	302-AZ02	Phase 1B	8	0.204 - 2.6	2.6	190000	350
SVOC	Anthracene	302-AZ03	Phase 1B	1	U (2)	1.0	190000	350
SVOC	Anthracene	302-AZ05	Phase 1A	2	U (0.41)	0.13	190000	350
SVOC	Anthracene	302-BA03	Phase 1B	3	U (0.075)	0.037	190000	350
SVOC	Anthracene	302-BA05	Phase 1A	2	U (0.218) - 0.444	0.23	190000	350
SVOC	Anthracene	302-BB07	Phase 1B	9	0.059 - 0.131	0.070	190000	350
SVOC	Anthracene	302-BB08	Phase 1B	1	U (0.19)	0.095	190000	350
SVOC	Anthracene	302-BC05	Phase 1A	7	U (0.039) - 0.11	0.027	190000	350
SVOC	Anthracene	302-BC06	Phase 1B	8	U (0.23)	0.067	190000	350
SVOC	Anthracene	302-BD05	Phase 1A	4	U (0.12)	0.060	190000	350
SVOC	Anthracene	302-BE04	Phase 1A	5	U (0.19)	0.056	190000	350

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Anthracene	303-AY01	Phase 1A	4	0.042 - 0.79	0.29	190000	350
SVOC	Anthracene	303-AZ01	Phase 1A	5	0.2 - 2.9	1.6	190000	350
SVOC	Anthracene	303-BA01	Phase 1A	8	U (0.43) - 0.54	0.24	190000	350
SVOC	Anthracene	303-BA02	Phase 1A	11	0.0677 - 1.1	1.8	190000	350
SVOC	Anthracene	303-BB01	Phase 1A	2	0.38 - 0.59	0.49	190000	350
SVOC	Anthracene	303-BB02	Phase 1A	5	2.4 - 33.3	8.8	190000	350
SVOC	Anthracene	303-BC01	Phase 1A	4	U (0.038) - 0.11	0.045	190000	350
SVOC	Anthracene	303-BD04	Phase 1A	9	0.13 - 1.2	0.86	190000	350
SVOC	Anthracene	303-BE03	Phase 1A	44	0.065 - 7.5	1.1	190000	350
SVOC	Anthracene	303-BF05	Phase 1A	16	0.23 - 4.3	0.88	190000	350
SVOC	Anthracene	303-BG04	Phase 1A	27	0.2 - 2.8	0.74	190000	350
SVOC	Anthracene	303-BH02	Phase 1A	21	0.085 - 16	1.4	190000	350
SVOC	Anthracene	303-BI03	Phase 1A	6	0.32 - 0.87	0.54	190000	350
SVOC	Anthracene	303-BJ01	Phase 1A	3	4 - 4.8	4.5	190000	350
SVOC	Anthracene	303-BJ02	Phase 1A	3	0.0941 - 0.485	0.20	190000	350
SVOC	Anthracene	303-BK03	Phase 1A	7	0.098 - 0.96	0.80	190000	350
SVOC	Anthracene	303-BL02	Phase 1A	10	0.055 - 1.4	0.31	190000	350
SVOC	Anthracene	303-BM02	Phase 1A	2	0.005 - 4.55	2.3	190000	350
SVOC	Anthracene	303-BN02	Phase 1A	15	U (0.21) - 4.3	0.77	190000	350
SVOC	Anthracene	303-BN03	Phase 1A	14	0.0325 - 3.4	0.57	190000	350
SVOC	Anthracene	303-BO02	Phase 1A	9	0.007 - 3.4	0.57	190000	350
SVOC	Anthracene	303-BP02	Phase 1A	32	0.004 - 6.2	0.93	190000	350
SVOC	Anthracene	303-BQ01	Phase 1A	4	0.257 - 1.02	0.54	190000	350
SVOC	Anthracene	303-BQ02	Phase 1A	15	0.006 - 3.9	0.79	190000	350
SVOC	Anthracene	303-BR02	Phase 1A	8	0.142 - 10	1.7	190000	350
SVOC	Anthracene	303-BT01	Phase 1A	13	0.0059 - 0.9	0.11	190000	350
SVOC	Anthracene	303-BW01	Phase 1A	2	0.0217 - 0.0217	0.061	190000	350
SVOC	Anthracene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	190000	350
SVOC	Anthracene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 4.44	2.1	190000	350
SVOC	Anthracene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.2	190000	350
SVOC	Anthracene	ParcelB-04	Innovation Campus, Parcel B	3	2.2 - 2.2	1.1	190000	350
SVOC	Anthracene	ParcelB-06	Innovation Campus, Parcel B	2	0.235 - 0.235	2.0	190000	350
SVOC	Anthracene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	190000	350
SVOC	Anthracene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	190000	350
SVOC	Anthracene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2)	1.6	190000	350
SVOC	Anthracene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	190000	350
SVOC	Anthracene	ParcelB-13	Innovation Campus, Parcel B	2	U (4.7)	1.4	190000	350
SVOC	Anthracene	ParcelB-14	Innovation Campus, Parcel B	3	U (4.6)	0.81	190000	350
SVOC	Anthracene	ParcelB-15	Innovation Campus, Parcel B	2	U (0.907)	0.24	190000	350
SVOC	Anthracene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	190000	350
SVOC	Anthracene	ParcelB-19	Innovation Campus, Parcel B	1	1.1 - 1.1	1.1	190000	350
SVOC	Anthracene	ParcelB-20	Innovation Campus, Parcel B	3	11 - 11	4.6	190000	350
SVOC	Anthracene	ParcelB-21	Innovation Campus, Parcel B	3	4.37 - 5	3.2	190000	350
SVOC	Anthracene	101-D20-C	Innovation Campus	20	U (0.464) - 3.8	0.29	190000	350
SVOC	Anthracene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	190000	350
SVOC	Anthracene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	190000	350
SVOC	Anthracene	101-H24-C	Innovation Campus	2	0.0537 - 0.142	0.098	190000	350
SVOC	Anthracene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	190000	350
SVOC	Anthracene	101-I25-C	Innovation Campus	2	U (0.038) - 0.205	0.11	190000	350
SVOC	Anthracene	101-J23-C	Innovation Campus	2	0.101 - 0.155	0.13	190000	350
SVOC	Anthracene	101-L31-C	Innovation Campus	2	0.0735 - 0.0735	0.047	190000	350
SVOC	Anthracene	101-U37-C	Innovation Campus	5	U (7.36) - 0.0743	0.78	190000	350
SVOC	Anthracene	102-E08-C	Innovation Campus	3	2.2 - 2.2	1.1	190000	350
SVOC	Anthracene	102-G23-C	Innovation Campus	2	0.111 - 0.111	5.2	190000	350
SVOC	Anthracene	103-A10-C	Innovation Campus	6	U (8.73) - 1	1.8	190000	350
SVOC	Anthracene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	190000	350
SVOC	Anthracene	103-A14-S	Innovation Campus	1	U (5.2)	2.6	190000	350
SVOC	Anthracene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	190000	350
SVOC	Anthracene	103-A17-S	Innovation Campus	1	1 - 1	1.0	190000	350
SVOC	Anthracene	103-H01-C	Innovation Campus	2	U (4.7)	1.4	190000	350
SVOC	Anthracene	104-K10-C	Innovation Campus	2	U (0.202)	0.060	190000	350
SVOC	Anthracene	LS-A-A01	Innovation Campus	1	8.1 - 8.1	8.1	190000	350
SVOC	Anthracene	LS-A-A02	Innovation Campus	2	U (0.17) - 0.35	0.19	190000	350
SVOC	Anthracene	LS-A-A03	Innovation Campus	1	0.5 - 0.5	0.50	190000	350
SVOC	Anthracene	LS-A-A04	Innovation Campus	3	0.32 - 1.7	0.97	190000	350
SVOC	Anthracene	LS-A-B02	Innovation Campus	14	0.0472 - 1.5	0.37	190000	350
SVOC	Anthracene	LS-A-B03	Innovation Campus	4	0.0502 - 0.0665	0.060	190000	350
SVOC	Anthracene	LS-A-C01	Innovation Campus	28	U (19) - 180	9.1	190000	350
SVOC	Anthracene	LS-A-C02	Innovation Campus	12	0.0588 - 1.2	1.3	190000	350
SVOC	Anthracene	LS-A-C04	Innovation Campus	3	0.0665 - 0.24	0.11	190000	350
SVOC	Anthracene	LS-A-D01	Innovation Campus	5	U (1.99)	0.49	190000	350
SVOC	Anthracene	LS-A-D02	Innovation Campus	1	U (1.9)	0.95	190000	350
SVOC	Anthracene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	190000	350
SVOC	Anthracene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	190000	350
SVOC	Anthracene	LS-A-D05	Innovation Campus	6	U (1)	0.24	190000	350
SVOC	Anthracene	LS-A-D06	Innovation Campus	2	U (0.364)	0.14	190000	350
SVOC	Anthracene	LS-A-D07	Innovation Campus	2	U (3.68)	0.97	190000	350
SVOC	Anthracene	LS-A-E01	Innovation Campus	3	0.535 - 0.535	0.64	190000	350
SVOC	Anthracene	LS-A-E03	Innovation Campus	1	0.35 - 0.35	0.35	190000	350
SVOC	Anthracene	LS-A-E04	Innovation Campus	2	U (4.46) - 4.51	2.3	190000	350
SVOC	Anthracene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	190000	350
SVOC	Anthracene	LS-A-E07	Innovation Campus	1	U (0.2)	0.10	190000	350
SVOC	Anthracene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	190000	350

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Anthracene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	190000	350
SVOC	Anthracene	LS-A-F02	Innovation Campus	3	11 - 11	4.6	190000	350
SVOC	Anthracene	LS-A-F03	Innovation Campus	1	U (0.98)	0.49	190000	350
SVOC	Anthracene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.0401	0.11	190000	350
SVOC	Anthracene	LS-A-F05	Innovation Campus	1	11 - 11	11	190000	350
SVOC	Anthracene	LS-A-G01	Innovation Campus	3	0.234 - 1.1	0.52	190000	350
SVOC	Anthracene	LS-A-G02	Innovation Campus	2	U (0.391) - 0.249	0.22	190000	350
SVOC	Anthracene	LS-A-G03	Innovation Campus	3	U (4.6)	0.92	190000	350
SVOC	Anthracene	LS-A-G07	Innovation Campus	3	4.37 - 5	3.2	190000	350
SVOC	Anthracene	LS-A-G08	Innovation Campus	2	U (2.06)	1.0	190000	350
SVOC	Anthracene	LS-A-H03	Innovation Campus	2	U (0.195)	0.058	190000	350
SVOC	Anthracene	LS-A-H04	Innovation Campus	2	U (2.02)	0.55	190000	350
SVOC	Anthracene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	190000	350
SVOC	Anthracene	LS-A-H07	Innovation Campus	2	0.125 - 0.125	0.54	190000	350
SVOC	Anthracene	LS-A-I01	Innovation Campus	6	0.235 - 0.235	2.5	190000	350
SVOC	Anthracene	LS-A-I02	Innovation Campus	1	U (5)	2.5	190000	350
SVOC	Anthracene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.35	0.95	190000	350
SVOC	Anthracene	LS-B-B01	Innovation Campus	1	0.0089 - 0.0089	0.0089	190000	350
SVOC	Anthracene	LS-B-C01	Innovation Campus	3	U (0.19)	0.044	190000	350
SVOC	Anthracene	LS-B-E01	Innovation Campus	4	0.159 - 1.5	0.83	190000	350
SVOC	Anthracene	LS-B-G02	Innovation Campus	1	U (2.28)	1.1	190000	350
SVOC	Anthracene	LS-B-H02	Innovation Campus	3	U (1)	0.21	190000	350
SVOC	Anthracene	LS-E-B01	Innovation Campus	81	0.001 - 74	5.1	190000	350
SVOC	Anthracene	LS-E-G01	Innovation Campus	4	U (0.97)	0.44	190000	350
SVOC	Benzo(a)anthracene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.195 - 0.195	0.081	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.0158 - 3.2	0.64	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0012 - 0.15	0.030	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0469 - 5.8	0.76	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17) - 0.204	0.14	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.13 - 0.49	0.26	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-18	Major Amendment 3 Resampling	1	2.5 - 2.5	2.5	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0605 - 0.0788	1.5	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.036	0.019	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.0535 - 0.0535	0.069	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.094)	0.023	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.026 - 0.026	0.017	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.132 - 1.62	0.52	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.19	0.12	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.023 - 0.31	0.11	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 3.4	1.2	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.09 - 0.09	0.36	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.13 - 0.13	0.070	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.061 - 1	0.25	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.17 - 0.17	0.17	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.023 - 0.28	0.11	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.18) - 11	1.1	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019)	0.0088	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-68	Major Amendment 3 Resampling	1	9.6 - 9.6	9.6	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.23	0.095	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-72	Major Amendment 3 Resampling	4	0.125 - 2.1	0.66	130	340
SVOC	Benzo(a)anthracene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.11 - 20	2.0	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.042 - 0.075	0.069	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-04	Major Amendment 3 Resampling	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.163 - 0.29	0.17	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (2.5) - 21	4.1	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.359 - 13	4.6	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.016 - 21.9	1.4	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 5.1	1.6	130	340
SVOC	Benzo(a)anthracene	401-A01	Major Amendment 3	4	0.195 - 0.195	0.081	130	340
SVOC	Benzo(a)anthracene	401-E02	Major Amendment 3	24	0.0012 - 3.2	0.31	130	340
SVOC	Benzo(a)anthracene	401-F01	Major Amendment 3	8	0.0469 - 5.8	0.76	130	340
SVOC	Benzo(a)anthracene	401-G01	Major Amendment 3	3	U (0.17) - 0.204	0.14	130	340
SVOC	Benzo(a)anthracene	401-H01	Major Amendment 3	3	0.13 - 0.49	0.26	130	340
SVOC	Benzo(a)anthracene	401-I01	Major Amendment 3	1	2.5 - 2.5	2.5	130	340
SVOC	Benzo(a)anthracene	401-J01	Major Amendment 3	3	0.0605 - 0.0788	1.5	130	340
SVOC	Benzo(a)anthracene	401-K01	Major Amendment 3	5	U (0.021) - 0.036	0.019	130	340
SVOC	Benzo(a)anthracene	401-L01	Major Amendment 3	2	0.0535 - 0.0535	0.069	130	340
SVOC	Benzo(a)anthracene	401-L02	Major Amendment 3	6	U (0.094) - 0.23	0.059	130	340
SVOC	Benzo(a)anthracene	401-N01	Major Amendment 3	2	0.026 - 0.026	0.017	130	340
SVOC	Benzo(a)anthracene	401-O01	Major Amendment 3	1	U (0.033)	0.017	130	340
SVOC	Benzo(a)anthracene	401-P01	Major Amendment 3	5	0.132 - 1.62	0.52	130	340
SVOC	Benzo(a)anthracene	401-Q01	Major Amendment 3	33	0.0035 - 380	14	130	340
SVOC	Benzo(a)anthracene	401-R01	Major Amendment 3	4	0.125 - 2.1	0.66	130	340
SVOC	Benzo(a)anthracene	402-A01	Major Amendment 3	41	0.055 - 7.4	1.0	130	340
SVOC	Benzo(a)anthracene	402-B01	Major Amendment 3	58	0.024 - 21	2.0	130	340
SVOC	Benzo(a)anthracene	402-C01	Major Amendment 3	3	0.016 - 1.8	1.0	130	340
SVOC	Benzo(a)anthracene	403-A01	Major Amendment 3	2	U (0.19)	0.058	130	340
SVOC	Benzo(a)anthracene	403-B01	Major Amendment 3	13	0.042 - 0.075	0.069	130	340
SVOC	Benzo(a)anthracene	403-C01	Major Amendment 3	8	U (1.4) - 2.22	0.32	130	340

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)anthracene	403-C02	Major Amendment 3	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	403-E01	Major Amendment 3	1	U (0.039)	0.020	130	340
SVOC	Benzo(a)anthracene	403-F01	Major Amendment 3	7	0.0267 - 0.29	0.079	130	340
SVOC	Benzo(a)anthracene	403-G01	Major Amendment 3	2	U (0.18)	0.054	130	340
SVOC	Benzo(a)anthracene	404-A01	Major Amendment 3	19	0.0298 - 8.65	1.5	130	340
SVOC	Benzo(a)anthracene	404-B01	Major Amendment 3	24	0.0408 - 37.2	3.0	130	340
SVOC	Benzo(a)anthracene	404-B02	Major Amendment 3	6	U (2) - 5.1	1.6	130	340
SVOC	Benzo(a)anthracene	404-C01	Major Amendment 3	3	0.589 - 7.9	4.0	130	340
SVOC	Benzo(a)anthracene	404-D01	Major Amendment 3	6	0.129 - 0.627	0.35	130	340
SVOC	Benzo(a)anthracene	404-E01	Major Amendment 3	30	0.0762 - 32	5.3	130	340
SVOC	Benzo(a)anthracene	404-F01	Major Amendment 3	22	0.297 - 151	22	130	340
SVOC	Benzo(a)anthracene	201-A01	Phase 1A	7	U (0.12) - 0.39	0.10	130	340
SVOC	Benzo(a)anthracene	201-A02	Phase 1A	14	0.052 - 1.3	0.32	130	340
SVOC	Benzo(a)anthracene	201-A03	Phase 1A	7	U (0.12) - 0.064	0.054	130	340
SVOC	Benzo(a)anthracene	201-A04	Phase 1A	29	U (2.6) - 1.74	0.34	130	340
SVOC	Benzo(a)anthracene	201-A05	Phase 1A	9	U (0.41) - 0.077	0.038	130	340
SVOC	Benzo(a)anthracene	201-A06	Phase 1A	7	U (0.32) - 0.12	0.049	130	340
SVOC	Benzo(a)anthracene	201-A07	Phase 1A	9	0.0036 - 0.063	0.040	130	340
SVOC	Benzo(a)anthracene	201-A08	Phase 1A	7	U (0.038) - 0.17	0.042	130	340
SVOC	Benzo(a)anthracene	201-A09	Phase 1A	7	0.00085 - 0.25	0.048	130	340
SVOC	Benzo(a)anthracene	201-A10	Phase 1A	3	U (0.039) - 0.61	0.21	130	340
SVOC	Benzo(a)anthracene	201-A11	Phase 1A	4	U (0.12) - 0.0011	0.017	130	340
SVOC	Benzo(a)anthracene	201-A12	Phase 1A	6	0.0058 - 0.37	0.083	130	340
SVOC	Benzo(a)anthracene	201-A13	Phase 1A	4	U (0.041) - 0.24	0.093	130	340
SVOC	Benzo(a)anthracene	201-A14	Phase 1A	9	0.0033 - 1.6	0.30	130	340
SVOC	Benzo(a)anthracene	201-B02	Phase 1A	2	U (0.031) - 0.024	0.020	130	340
SVOC	Benzo(a)anthracene	201-B04	Phase 1A	3	U (0.0096) - 0.0014	0.0026	130	340
SVOC	Benzo(a)anthracene	201-B05	Phase 1A	3	0.048 - 0.21	0.15	130	340
SVOC	Benzo(a)anthracene	201-B08	Phase 1A	4	U (0.00041) - 0.011	0.0044	130	340
SVOC	Benzo(a)anthracene	201-C01	Phase 1A	14	U (1.2) - 0.15	0.10	130	340
SVOC	Benzo(a)anthracene	201-C04	Phase 1A	11	U (1.2) - 0.09	0.22	130	340
SVOC	Benzo(a)anthracene	201-C05	Phase 1A	3	0.0034 - 5.9	2.2	130	340
SVOC	Benzo(a)anthracene	201-C07	Phase 1A	8	0.046 - 2.6	0.72	130	340
SVOC	Benzo(a)anthracene	201-C08	Phase 1A	11	0.0097 - 4.7	0.47	130	340
SVOC	Benzo(a)anthracene	201-C09	Phase 1A	7	U (0.11)	0.051	130	340
SVOC	Benzo(a)anthracene	201-C10	Phase 1A	3	U (0.4) - 1.7	0.78	130	340
SVOC	Benzo(a)anthracene	201-D01	Phase 1A	4	U (0.42) - 1.06	0.32	130	340
SVOC	Benzo(a)anthracene	201-D05	Phase 1A	4	0.0074 - 0.98	2.4	130	340
SVOC	Benzo(a)anthracene	201-D12	Phase 1A	3	0.023 - 0.023	0.044	130	340
SVOC	Benzo(a)anthracene	201-E01	Phase 1A	43	0.00088 - 0.12	0.039	130	340
SVOC	Benzo(a)anthracene	201-E02	Phase 1A	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	201-E03	Phase 1A	3	U (0.38)	0.077	130	340
SVOC	Benzo(a)anthracene	201-E04	Phase 1A	3	U (0.59) - 2	0.77	130	340
SVOC	Benzo(a)anthracene	201-E05	Phase 1A	22	U (0.33) - 0.15	0.046	130	340
SVOC	Benzo(a)anthracene	201-F01	Phase 1A	36	0.0324 - 0.801	0.13	130	340
SVOC	Benzo(a)anthracene	201-F02	Phase 1A	4	0.016 - 0.039	0.020	130	340
SVOC	Benzo(a)anthracene	201-F03	Phase 1A	25	U (0.36) - 0.13	0.066	130	340
SVOC	Benzo(a)anthracene	201-F04	Phase 1A	21	U (0.36) - 0.079	0.024	130	340
SVOC	Benzo(a)anthracene	202-A03	Phase 1A	8	U (0.12) - 0.07	0.038	130	340
SVOC	Benzo(a)anthracene	202-A04	Phase 1A	4	U (0.41) - 0.49	0.20	130	340
SVOC	Benzo(a)anthracene	202-A05	Phase 1A	4	U (0.12) - 0.076	0.036	130	340
SVOC	Benzo(a)anthracene	202-A06	Phase 1A	4	U (0.12)	0.055	130	340
SVOC	Benzo(a)anthracene	202-A07	Phase 1A	3	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	202-A08	Phase 1A	3	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	202-A09	Phase 1A	6	U (0.12)	0.059	130	340
SVOC	Benzo(a)anthracene	202-B01	Phase 1A	2	0.077 - 0.17	0.12	130	340
SVOC	Benzo(a)anthracene	202-B02	Phase 1A	8	U (0.4)	0.12	130	340
SVOC	Benzo(a)anthracene	202-B03	Phase 1A	15	0.022 - 0.23	0.069	130	340
SVOC	Benzo(a)anthracene	202-B04	Phase 1A	3	U (0.52) - 0.04	0.12	130	340
SVOC	Benzo(a)anthracene	202-B05	Phase 1A	4	0.044 - 0.2	0.077	130	340
SVOC	Benzo(a)anthracene	202-B09	Phase 1A	9	U (0.59) - 0.13	0.12	130	340
SVOC	Benzo(a)anthracene	202-C04	Phase 1A	15	0.047 - 0.21	0.28	130	340
SVOC	Benzo(a)anthracene	202-C05	Phase 1A	10	0.045 - 0.55	0.17	130	340
SVOC	Benzo(a)anthracene	202-C06	Phase 1A	4	0.018 - 0.077	0.044	130	340
SVOC	Benzo(a)anthracene	202-C07	Phase 1A	8	U (0.39) - 0.078	0.075	130	340
SVOC	Benzo(a)anthracene	202-C08	Phase 1A	4	U (0.2) - 0.16	0.094	130	340
SVOC	Benzo(a)anthracene	202-C10	Phase 1A	1	U (0.38)	0.19	130	340
SVOC	Benzo(a)anthracene	202-D05	Phase 1A	5	U (0.36) - 0.063	0.085	130	340
SVOC	Benzo(a)anthracene	202-D06	Phase 1A	11	U (2) - 0.52	0.49	130	340
SVOC	Benzo(a)anthracene	202-E06	Phase 1A	2	0.053 - 0.053	0.052	130	340
SVOC	Benzo(a)anthracene	202-E08	Phase 1A	13	U (0.38) - 0.048	0.064	130	340
SVOC	Benzo(a)anthracene	202-E09	Phase 1A	16	0.022 - 0.49	0.099	130	340
SVOC	Benzo(a)anthracene	202-E10	Phase 1A	6	U (0.45) - 0.053	0.11	130	340
SVOC	Benzo(a)anthracene	202-E11	Phase 1A	2	U (0.41)	0.16	130	340
SVOC	Benzo(a)anthracene	202-E12	Phase 1A	4	U (0.42) - 0.076	0.098	130	340
SVOC	Benzo(a)anthracene	202-E13	Phase 1A	2	U (0.38) - 0.22	0.21	130	340
SVOC	Benzo(a)anthracene	202-E15	Phase 1A	2	U (0.38)	0.19	130	340
SVOC	Benzo(a)anthracene	202-F01	Phase 1A	7	U (0.43)	0.18	130	340
SVOC	Benzo(a)anthracene	202-F04	Phase 1A	10	0.025 - 0.071	0.045	130	340
SVOC	Benzo(a)anthracene	202-F05	Phase 1A	2	U (0.11)	0.038	130	340
SVOC	Benzo(a)anthracene	202-F06	Phase 1A	2	0.14 - 0.14	0.18	130	340
SVOC	Benzo(a)anthracene	202-F07	Phase 1A	17	0.029 - 4.5	0.43	130	340
SVOC	Benzo(a)anthracene	202-F08	Phase 1A	4	U (0.12)	0.040	130	340

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)anthracene	202-F10	Phase 1A	2	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	202-F14	Phase 1A	2	U (0.038) - 0.0231	0.021	130	340
SVOC	Benzo(a)anthracene	202-F16	Phase 1A	4	U (0.4) - 0.76	0.26	130	340
SVOC	Benzo(a)anthracene	202-F17	Phase 1A	8	U (0.11)	0.054	130	340
SVOC	Benzo(a)anthracene	202-G01	Phase 1A	8	U (0.21) - 0.031	0.056	130	340
SVOC	Benzo(a)anthracene	202-G02	Phase 1A	14	U (2.4)	0.14	130	340
SVOC	Benzo(a)anthracene	202-G03	Phase 1A	9	U (0.11)	0.048	130	340
SVOC	Benzo(a)anthracene	202-G04	Phase 1A	3	U (0.2)	0.083	130	340
SVOC	Benzo(a)anthracene	202-G05	Phase 1A	6	U (0.41)	0.13	130	340
SVOC	Benzo(a)anthracene	202-G07	Phase 1A	16	U (0.12) - 0.022	0.053	130	340
SVOC	Benzo(a)anthracene	202-H03	Phase 1A	5	U (0.12)	0.059	130	340
SVOC	Benzo(a)anthracene	202-H05	Phase 1A	1	U (0.04)	0.020	130	340
SVOC	Benzo(a)anthracene	202-H06	Phase 1A	2	U (0.04) - 0.0559	0.038	130	340
SVOC	Benzo(a)anthracene	202-H07	Phase 1A	2	U (0.037) - 0.0292	0.024	130	340
SVOC	Benzo(a)anthracene	202-H08	Phase 1A	3	U (0.12)	0.053	130	340
SVOC	Benzo(a)anthracene	202-H11	Phase 1A	10	U (0.12) - 0.069	0.051	130	340
SVOC	Benzo(a)anthracene	202-I01	Phase 1A	2	U (0.12)	0.058	130	340
SVOC	Benzo(a)anthracene	202-I04	Phase 1A	4	U (0.11)	0.053	130	340
SVOC	Benzo(a)anthracene	202-J03	Phase 1A	7	U (1.2)	0.43	130	340
SVOC	Benzo(a)anthracene	202-J04	Phase 1A	8	U (1.2) - 0.1	0.20	130	340
SVOC	Benzo(a)anthracene	202-J05	Phase 1A	6	0.0041 - 0.11	0.051	130	340
SVOC	Benzo(a)anthracene	202-J07	Phase 1A	7	U (0.39) - 0.24	0.10	130	340
SVOC	Benzo(a)anthracene	202-J08	Phase 1A	1	0.88 - 0.88	0.88	130	340
SVOC	Benzo(a)anthracene	202-J09	Phase 1A	2	U (0.022) - 1.1	0.55	130	340
SVOC	Benzo(a)anthracene	301-AA01	Phase 1A	1	0.0116 - 0.0116	0.012	130	340
SVOC	Benzo(a)anthracene	301-AA02	Phase 1B	2	U (0.039) - 0.0398	0.029	130	340
SVOC	Benzo(a)anthracene	301-AA05	Phase 1B	11	U (0.21)	0.042	130	340
SVOC	Benzo(a)anthracene	301-AA06	Phase 1A	11	0.0096 - 0.2	0.070	130	340
SVOC	Benzo(a)anthracene	301-AA07	Phase 1A	4	U (0.12) - 0.313	0.15	130	340
SVOC	Benzo(a)anthracene	301-AA08	Phase 1A	3	U (0.02) - 0.067	0.029	130	340
SVOC	Benzo(a)anthracene	301-AA09	Phase 1A	3	0.15 - 0.15	0.056	130	340
SVOC	Benzo(a)anthracene	301-AB04	Phase 1A	3	U (0.037)	0.018	130	340
SVOC	Benzo(a)anthracene	301-AB05	Phase 1B	6	U (0.19) - 0.202	0.071	130	340
SVOC	Benzo(a)anthracene	301-AB06	Phase 1A	2	U (0.11)	0.055	130	340
SVOC	Benzo(a)anthracene	301-AB07	Phase 1A	1	0.33 - 0.33	0.33	130	340
SVOC	Benzo(a)anthracene	301-AB09	Phase 1A	2	U (0.876) - 8.03	4.0	130	340
SVOC	Benzo(a)anthracene	301-AC03	Phase 1B	2	0.609 - 0.86	0.73	130	340
SVOC	Benzo(a)anthracene	301-AC04	Phase 1A	25	U (0.57) - 7.5	0.63	130	340
SVOC	Benzo(a)anthracene	301-AC07	Phase 1A	10	U (0.56) - 0.75	0.22	130	340
SVOC	Benzo(a)anthracene	301-AC08	Phase 1A	7	0.1 - 0.29	0.13	130	340
SVOC	Benzo(a)anthracene	301-AC09	Phase 1A	6	0.00092 - 0.0024	0.0053	130	340
SVOC	Benzo(a)anthracene	301-B01	Phase 1A	1	U (0.018)	0.0090	130	340
SVOC	Benzo(a)anthracene	301-C01	Phase 1A	3	U (0.022) - 2.7	0.91	130	340
SVOC	Benzo(a)anthracene	301-C02	Phase 1A	7	U (0.39) - 0.032	0.042	130	340
SVOC	Benzo(a)anthracene	301-D01	Phase 1A	13	0.032 - 2.1	0.28	130	340
SVOC	Benzo(a)anthracene	301-E02	Phase 1A	14	U (0.35) - 0.15	0.045	130	340
SVOC	Benzo(a)anthracene	301-E03	Phase 1A	4	U (0.021) - 0.081	0.034	130	340
SVOC	Benzo(a)anthracene	301-G01	Phase 1A	2	0.0043 - 0.01	0.0072	130	340
SVOC	Benzo(a)anthracene	301-G02	Phase 1A	3	0.038 - 0.63	0.27	130	340
SVOC	Benzo(a)anthracene	301-G03	Phase 1A	1	0.065 - 0.065	0.065	130	340
SVOC	Benzo(a)anthracene	301-H02	Phase 1A	3	0.0031 - 0.13	0.088	130	340
SVOC	Benzo(a)anthracene	301-H03	Phase 1A	2	0.0035 - 0.0046	0.0041	130	340
SVOC	Benzo(a)anthracene	301-L01	Phase 1C	7	0.0535 - 0.09	0.063	130	340
SVOC	Benzo(a)anthracene	301-N02	Phase 1A	3	0.0086 - 1.1	0.37	130	340
SVOC	Benzo(a)anthracene	301-P02	Phase 1A	2	0.0742 - 1.3	0.69	130	340
SVOC	Benzo(a)anthracene	301-Q04	Phase 1A	6	U (0.4) - 1.19	0.25	130	340
SVOC	Benzo(a)anthracene	301-R02	Phase 1A	6	U (0.087) - 0.23	0.057	130	340
SVOC	Benzo(a)anthracene	301-S02	Phase 1A	4	U (0.088)	0.018	130	340
SVOC	Benzo(a)anthracene	301-S03	Phase 1A	1	0.044 - 0.044	0.044	130	340
SVOC	Benzo(a)anthracene	301-T01	Phase 1B	5	U (5.3) - 9.6	2.7	130	340
SVOC	Benzo(a)anthracene	301-T02	Phase 1B	2	0.125 - 2.1	1.1	130	340
SVOC	Benzo(a)anthracene	301-T03	Phase 1C	2	0.34 - 0.34	0.19	130	340
SVOC	Benzo(a)anthracene	301-T04	Phase 1A	2	U (0.09)	0.027	130	340
SVOC	Benzo(a)anthracene	301-U01	Phase 1B	2	U (0.19) - 1.6	0.81	130	340
SVOC	Benzo(a)anthracene	301-U03	Phase 1B	1	U (0.17)	0.085	130	340
SVOC	Benzo(a)anthracene	301-V01	Phase 1B	7	U (0.041) - 0.083	0.038	130	340
SVOC	Benzo(a)anthracene	301-V02	Phase 1B	19	U (1.6) - 17	1.0	130	340
SVOC	Benzo(a)anthracene	301-V04	Phase 1A	29	U (0.12) - 0.14	0.041	130	340
SVOC	Benzo(a)anthracene	301-W01	Phase 1B	24	U (0.13) - 0.46	0.055	130	340
SVOC	Benzo(a)anthracene	301-W03	Phase 1A	4	U (0.017) - 0.00098	0.0066	130	340
SVOC	Benzo(a)anthracene	301-X01	Phase 1B	11	0.025 - 0.733	0.19	130	340
SVOC	Benzo(a)anthracene	301-X03	Phase 1A	3	0.057 - 0.057	0.025	130	340
SVOC	Benzo(a)anthracene	301-Y01	Phase 1B	10	U (0.36) - 0.349	0.084	130	340
SVOC	Benzo(a)anthracene	301-Y02	Phase 1B	4	U (0.17) - 0.37	0.11	130	340
SVOC	Benzo(a)anthracene	301-Y03	Phase 1A	2	U (0.04) - 0.0575	0.039	130	340
SVOC	Benzo(a)anthracene	301-Y04	Phase 1A	3	U (0.02) - 0.024	0.014	130	340
SVOC	Benzo(a)anthracene	301-Y05	Phase 1A	6	U (0.12) - 0.026	0.037	130	340
SVOC	Benzo(a)anthracene	301-Z01	Phase 1B	6	U (0.039) - 0.0246	0.019	130	340
SVOC	Benzo(a)anthracene	301-Z02	Phase 1B	2	U (0.18) - 0.32	0.17	130	340
SVOC	Benzo(a)anthracene	301-Z03	Phase 1B	5	U (0.18) - 0.241	0.11	130	340
SVOC	Benzo(a)anthracene	301-Z04	Phase 1A	14	0.024 - 0.29	0.10	130	340
SVOC	Benzo(a)anthracene	302-AD02	Phase 1C	2	U (0.19)	0.057	130	340
SVOC	Benzo(a)anthracene	302-AD06	Phase 1B	12	U (0.14) - 0.24	0.11	130	340

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)anthracene	302-AD07	Phase 1B	2	0.12 - 0.12	0.085	130	340
SVOC	Benzo(a)anthracene	302-AD08	Phase 1A	2	U (0.1)	0.050	130	340
SVOC	Benzo(a)anthracene	302-AD09	Phase 1A	3	U (0.1) - 0.0154	0.028	130	340
SVOC	Benzo(a)anthracene	302-AD10	Phase 1A	4	0.025 - 1.7	0.54	130	340
SVOC	Benzo(a)anthracene	302-AE03	Phase 1B	4	U (0.18) - 0.57	0.16	130	340
SVOC	Benzo(a)anthracene	302-AE04	Phase 1B	8	U (0.56) - 0.16	0.061	130	340
SVOC	Benzo(a)anthracene	302-AE05	Phase 1B	20	0.03 - 0.44	0.085	130	340
SVOC	Benzo(a)anthracene	302-AE07	Phase 1B	3	U (0.11) - 0.468	0.19	130	340
SVOC	Benzo(a)anthracene	302-AE08	Phase 1B	3	0.0014 - 0.0014	0.039	130	340
SVOC	Benzo(a)anthracene	302-AE09	Phase 1A	4	0.00094 - 0.00094	0.045	130	340
SVOC	Benzo(a)anthracene	302-AF04	Phase 1B	22	U (0.11) - 0.029	0.033	130	340
SVOC	Benzo(a)anthracene	302-AF05	Phase 1B	2	0.02 - 0.242	0.13	130	340
SVOC	Benzo(a)anthracene	302-AF06	Phase 1A	8	0.035 - 0.97	0.26	130	340
SVOC	Benzo(a)anthracene	302-AF09	Phase 1B	5	U (0.04) - 0.0356	0.022	130	340
SVOC	Benzo(a)anthracene	302-AG04	Phase 1B	9	U (0.11) - 0.0368	0.026	130	340
SVOC	Benzo(a)anthracene	302-AG06	Phase 1B	5	U (0.041)	0.019	130	340
SVOC	Benzo(a)anthracene	302-AG07	Phase 1A	14	U (0.12) - 0.13	0.044	130	340
SVOC	Benzo(a)anthracene	302-AG08	Phase 1B	6	0.11 - 2.3	0.64	130	340
SVOC	Benzo(a)anthracene	302-AH01	Phase 1C	2	U (0.19) - 0.3	0.16	130	340
SVOC	Benzo(a)anthracene	302-AH05	Phase 1B	11	0.023 - 0.71	0.22	130	340
SVOC	Benzo(a)anthracene	302-AH06	Phase 1B	4	U (0.0415) - 0.0807	0.035	130	340
SVOC	Benzo(a)anthracene	302-AH07	Phase 1B	21	U (0.37) - 0.86	0.11	130	340
SVOC	Benzo(a)anthracene	302-AH08	Phase 1B	13	U (0.041) - 0.78	0.21	130	340
SVOC	Benzo(a)anthracene	302-AI01	Phase 1C	2	U (0.04) - 0.237	0.13	130	340
SVOC	Benzo(a)anthracene	302-AI05	Phase 1B	11	U (0.12) - 0.63	0.12	130	340
SVOC	Benzo(a)anthracene	302-AI06	Phase 1B	19	U (0.13) - 2.2	0.27	130	340
SVOC	Benzo(a)anthracene	302-AI07	Phase 1B	10	U (0.375) - 0.34	0.13	130	340
SVOC	Benzo(a)anthracene	302-AI08	Phase 1B	2	U (0.38)	0.11	130	340
SVOC	Benzo(a)anthracene	302-AI09	Phase 1B	3	U (0.041) - 0.223	0.087	130	340
SVOC	Benzo(a)anthracene	302-AJ05	Phase 1B	2	U (0.12) - 0.045	0.053	130	340
SVOC	Benzo(a)anthracene	302-AJ06	Phase 1B	5	0.082 - 0.28	0.11	130	340
SVOC	Benzo(a)anthracene	302-AJ09	Phase 1A	13	U (57) - 3.9	3.8	130	340
SVOC	Benzo(a)anthracene	302-AK05	Phase 1B	5	0.11 - 0.59	0.17	130	340
SVOC	Benzo(a)anthracene	302-AK06	Phase 1A	3	U (0.42) - 2.7	1.4	130	340
SVOC	Benzo(a)anthracene	302-AK07	Phase 1B	13	U (0.0426) - 3.5	0.67	130	340
SVOC	Benzo(a)anthracene	302-AL01	Phase 1C	2	0.206 - 0.206	0.11	130	340
SVOC	Benzo(a)anthracene	302-AL03	Phase 1B	2	U (0.092) - 0.0804	0.063	130	340
SVOC	Benzo(a)anthracene	302-AL05	Phase 1B	13	U (0.42) - 2.8	0.85	130	340
SVOC	Benzo(a)anthracene	302-AL06	Phase 1A	13	U (0.37) - 5	1.3	130	340
SVOC	Benzo(a)anthracene	302-AL08	Phase 1B	2	U (0.041)	0.019	130	340
SVOC	Benzo(a)anthracene	302-AN01	Phase 1B	2	U (0.035) - 0.0848	0.051	130	340
SVOC	Benzo(a)anthracene	302-AN02	Phase 1A	2	U (0.198)	0.058	130	340
SVOC	Benzo(a)anthracene	302-AO03	Phase 1A	2	U (0.0418)	0.020	130	340
SVOC	Benzo(a)anthracene	302-AP02	Phase 1B	2	U (0.042) - 0.396	0.21	130	340
SVOC	Benzo(a)anthracene	302-AP03	Phase 1B	23	U (0.4) - 0.17	0.063	130	340
SVOC	Benzo(a)anthracene	302-AP04	Phase 1B	2	U (0.039) - 0.0748	0.047	130	340
SVOC	Benzo(a)anthracene	302-AP05	Phase 1B	2	U (0.035)	0.017	130	340
SVOC	Benzo(a)anthracene	302-AQ01	Phase 1B	2	0.27 - 1.9	1.1	130	340
SVOC	Benzo(a)anthracene	302-AQ02	Phase 1A	7	U (1.1)	0.13	130	340
SVOC	Benzo(a)anthracene	302-AQ04	Phase 1B	2	U (0.11)	0.055	130	340
SVOC	Benzo(a)anthracene	302-AR01	Phase 1B	2	0.24 - 9.6	4.9	130	340
SVOC	Benzo(a)anthracene	302-AR02	Phase 1A	4	U (0.12) - 0.031	0.050	130	340
SVOC	Benzo(a)anthracene	302-AR04	Phase 1B	3	U (0.12)	0.050	130	340
SVOC	Benzo(a)anthracene	302-AS03	Phase 1A	13	U (0.12) - 0.0424	0.046	130	340
SVOC	Benzo(a)anthracene	302-AS04	Phase 1B	2	U (0.0419)	0.021	130	340
SVOC	Benzo(a)anthracene	302-AT02	Phase 1B	2	U (0.77) - 0.131	0.26	130	340
SVOC	Benzo(a)anthracene	302-AT03	Phase 1B	4	U (0.039) - 0.0313	0.022	130	340
SVOC	Benzo(a)anthracene	302-AU01	Phase 1B	4	U (0.31) - 1.1	0.41	130	340
SVOC	Benzo(a)anthracene	302-AU02	Phase 1B	8	U (4)	0.30	130	340
SVOC	Benzo(a)anthracene	302-AU03	Phase 1B	2	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	302-AV01	Phase 1A	10	0.152 - 2	0.78	130	340
SVOC	Benzo(a)anthracene	302-AV02	Phase 1B	4	U (0.59)	0.12	130	340
SVOC	Benzo(a)anthracene	302-AV03	Phase 1A	6	U (0.12) - 0.12	0.069	130	340
SVOC	Benzo(a)anthracene	302-AV04	Phase 1B	2	U (0.0415)	0.020	130	340
SVOC	Benzo(a)anthracene	302-AW01	Phase 1A	9	0.27 - 13	1.9	130	340
SVOC	Benzo(a)anthracene	302-AW02	Phase 1B	2	U (1.9) - 2.6	1.3	130	340
SVOC	Benzo(a)anthracene	302-AW03	Phase 1A	2	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	302-AX01	Phase 1A	13	0.0384 - 41	4.5	130	340
SVOC	Benzo(a)anthracene	302-AX02	Phase 1B	3	U (0.038)	0.018	130	340
SVOC	Benzo(a)anthracene	302-AX05	Phase 1A	2	U (0.0414)	0.020	130	340
SVOC	Benzo(a)anthracene	302-AY02	Phase 1B	14	0.0454 - 11.4	4.1	130	340
SVOC	Benzo(a)anthracene	302-AY03	Phase 1B	2	0.0913 - 0.137	0.11	130	340
SVOC	Benzo(a)anthracene	302-AY05	Phase 1B	2	U (0.19)	0.058	130	340
SVOC	Benzo(a)anthracene	302-AZ02	Phase 1B	8	0.11 - 3.4	9.4	130	340
SVOC	Benzo(a)anthracene	302-AZ03	Phase 1B	1	0.62 - 0.62	0.62	130	340
SVOC	Benzo(a)anthracene	302-AZ05	Phase 1A	2	U (0.41)	0.13	130	340
SVOC	Benzo(a)anthracene	302-BA03	Phase 1B	3	U (0.31)	0.15	130	340
SVOC	Benzo(a)anthracene	302-BA05	Phase 1A	2	U (0.218)	0.064	130	340
SVOC	Benzo(a)anthracene	302-BB07	Phase 1B	9	U (0.12) - 0.38	0.079	130	340
SVOC	Benzo(a)anthracene	302-BB08	Phase 1B	1	0.49 - 0.49	0.49	130	340
SVOC	Benzo(a)anthracene	302-BC05	Phase 1A	7	U (0.039) - 0.0069	0.0065	130	340
SVOC	Benzo(a)anthracene	302-BC06	Phase 1B	8	U (0.23) - 0.022	0.062	130	340
SVOC	Benzo(a)anthracene	302-BD05	Phase 1A	4	U (0.12)	0.060	130	340

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)anthracene	302-BE04	Phase 1A	5	U (0.19) - 0.043	0.053	130	340
SVOC	Benzo(a)anthracene	303-AY01	Phase 1A	4	0.11 - 1.9	0.70	130	340
SVOC	Benzo(a)anthracene	303-AZ01	Phase 1A	5	0.46 - 2.6	1.5	130	340
SVOC	Benzo(a)anthracene	303-BA01	Phase 1A	8	0.0317 - 3.4	0.71	130	340
SVOC	Benzo(a)anthracene	303-BA02	Phase 1A	11	0.188 - 2.7	2.0	130	340
SVOC	Benzo(a)anthracene	303-BB01	Phase 1A	2	1.2 - 1.8	1.5	130	340
SVOC	Benzo(a)anthracene	303-BB02	Phase 1A	5	0.026 - 77.7	20	130	340
SVOC	Benzo(a)anthracene	303-BC01	Phase 1A	4	0.012 - 0.348	0.15	130	340
SVOC	Benzo(a)anthracene	303-BD04	Phase 1A	9	0.18 - 3.1	1.2	130	340
SVOC	Benzo(a)anthracene	303-BE03	Phase 1A	44	0.045 - 8.8	1.4	130	340
SVOC	Benzo(a)anthracene	303-BF05	Phase 1A	16	0.033 - 3.5	0.994	130	340
SVOC	Benzo(a)anthracene	303-BG04	Phase 1A	27	0.077 - 2.3	1.1	130	340
SVOC	Benzo(a)anthracene	303-BH02	Phase 1A	22	0.17 - 55	4.2	130	340
SVOC	Benzo(a)anthracene	303-BI03	Phase 1A	6	0.75 - 3.2	1.5	130	340
SVOC	Benzo(a)anthracene	303-BJ01	Phase 1A	3	7.8 - 11	9.5	130	340
SVOC	Benzo(a)anthracene	303-BJ02	Phase 1A	3	0.0614 - 0.992	0.44	130	340
SVOC	Benzo(a)anthracene	303-BK03	Phase 1A	7	0.26 - 2.9	1.2	130	340
SVOC	Benzo(a)anthracene	303-BL02	Phase 1A	10	0.029 - 0.88	0.44	130	340
SVOC	Benzo(a)anthracene	303-BM02	Phase 1A	2	0.019 - 9.01	4.5	130	340
SVOC	Benzo(a)anthracene	303-BN02	Phase 1A	15	0.054 - 12.6	1.6	130	340
SVOC	Benzo(a)anthracene	303-BN03	Phase 1A	14	0.022 - 3.3	0.73	130	340
SVOC	Benzo(a)anthracene	303-BO02	Phase 1A	9	0.011 - 2.3	0.62	130	340
SVOC	Benzo(a)anthracene	303-BP02	Phase 1A	32	0.008 - 9.6	1.3	130	340
SVOC	Benzo(a)anthracene	303-BQ01	Phase 1A	4	0.276 - 0.95	0.49	130	340
SVOC	Benzo(a)anthracene	303-BQ02	Phase 1A	15	0.004 - 6.1	0.88	130	340
SVOC	Benzo(a)anthracene	303-BR02	Phase 1A	8	0.233 - 5.3	1.3	130	340
SVOC	Benzo(a)anthracene	303-BT01	Phase 1A	13	0.016 - 0.41	0.10	130	340
SVOC	Benzo(a)anthracene	303-BW01	Phase 1A	2	0.0907 - 0.35	0.22	130	340
SVOC	Benzo(a)anthracene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	130	340
SVOC	Benzo(a)anthracene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 3.85	1.8	130	340
SVOC	Benzo(a)anthracene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.2	130	340
SVOC	Benzo(a)anthracene	ParcelB-04	Innovation Campus, Parcel B	3	1.71 - 1.71	0.92	130	340
SVOC	Benzo(a)anthracene	ParcelB-06	Innovation Campus, Parcel B	2	0.222 - 0.222	2.0	130	340
SVOC	Benzo(a)anthracene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	130	340
SVOC	Benzo(a)anthracene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	130	340
SVOC	Benzo(a)anthracene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2) - 10	4.0	130	340
SVOC	Benzo(a)anthracene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	130	340
SVOC	Benzo(a)anthracene	ParcelB-13	Innovation Campus, Parcel B	2	U (4.7) - 2	2.2	130	340
SVOC	Benzo(a)anthracene	ParcelB-14	Innovation Campus, Parcel B	3	0.375 - 0.375	0.90	130	340
SVOC	Benzo(a)anthracene	ParcelB-15	Innovation Campus, Parcel B	2	2.97 - 2.97	1.5	130	340
SVOC	Benzo(a)anthracene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	130	340
SVOC	Benzo(a)anthracene	ParcelB-19	Innovation Campus, Parcel B	1	U (1)	0.50	130	340
SVOC	Benzo(a)anthracene	ParcelB-20	Innovation Campus, Parcel B	3	U (9.7)	2.6	130	340
SVOC	Benzo(a)anthracene	ParcelB-21	Innovation Campus, Parcel B	3	17 - 24.8	14	130	340
SVOC	Benzo(a)anthracene	101-D20-C	Innovation Campus	20	U (0.464) - 7.9	0.79	130	340
SVOC	Benzo(a)anthracene	101-G24-C	Innovation Campus	2	U (0.445) - 0.448	0.23	130	340
SVOC	Benzo(a)anthracene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	130	340
SVOC	Benzo(a)anthracene	101-H24-C	Innovation Campus	2	0.139 - 0.539	0.34	130	340
SVOC	Benzo(a)anthracene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	130	340
SVOC	Benzo(a)anthracene	101-I25-C	Innovation Campus	2	0.202 - 1.55	0.88	130	340
SVOC	Benzo(a)anthracene	101-J23-C	Innovation Campus	2	0.0539 - 0.286	0.17	130	340
SVOC	Benzo(a)anthracene	101-L31-C	Innovation Campus	2	0.528 - 0.528	0.27	130	340
SVOC	Benzo(a)anthracene	101-U37-C	Innovation Campus	5	U (7.36) - 0.37	0.88	130	340
SVOC	Benzo(a)anthracene	102-E08-C	Innovation Campus	3	1.71 - 1.71	0.92	130	340
SVOC	Benzo(a)anthracene	102-G23-C	Innovation Campus	2	0.0683 - 0.0683	5.2	130	340
SVOC	Benzo(a)anthracene	103-A10-C	Innovation Campus	6	U (8.73) - 10	3.0	130	340
SVOC	Benzo(a)anthracene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	130	340
SVOC	Benzo(a)anthracene	103-A14-S	Innovation Campus	1	10 - 10	10.0	130	340
SVOC	Benzo(a)anthracene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	130	340
SVOC	Benzo(a)anthracene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	130	340
SVOC	Benzo(a)anthracene	103-H01-C	Innovation Campus	2	U (4.7) - 2	2.2	130	340
SVOC	Benzo(a)anthracene	104-K10-C	Innovation Campus	2	0.375 - 0.375	0.20	130	340
SVOC	Benzo(a)anthracene	LS-A-A01	Innovation Campus	1	16 - 16	16	130	340
SVOC	Benzo(a)anthracene	LS-A-A02	Innovation Campus	2	0.0725 - 0.92	0.50	130	340
SVOC	Benzo(a)anthracene	LS-A-A03	Innovation Campus	1	1.68 - 1.68	1.7	130	340
SVOC	Benzo(a)anthracene	LS-A-A04	Innovation Campus	3	1.1 - 4.6	2.6	130	340
SVOC	Benzo(a)anthracene	LS-A-B02	Innovation Campus	14	0.021 - 3.6	0.66	130	340
SVOC	Benzo(a)anthracene	LS-A-B03	Innovation Campus	4	0.0241 - 0.301	0.11	130	340
SVOC	Benzo(a)anthracene	LS-A-C01	Innovation Campus	31	U (19) - 220	13	130	340
SVOC	Benzo(a)anthracene	LS-A-C02	Innovation Campus	12	U (19) - 11	2.8	130	340
SVOC	Benzo(a)anthracene	LS-A-C04	Innovation Campus	3	0.038 - 0.038	0.053	130	340
SVOC	Benzo(a)anthracene	LS-A-D01	Innovation Campus	5	0.505 - 2.65	0.92	130	340
SVOC	Benzo(a)anthracene	LS-A-D02	Innovation Campus	1	2 - 2	2.0	130	340
SVOC	Benzo(a)anthracene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	130	340
SVOC	Benzo(a)anthracene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	130	340
SVOC	Benzo(a)anthracene	LS-A-D05	Innovation Campus	6	0.216 - 0.962	0.42	130	340
SVOC	Benzo(a)anthracene	LS-A-D06	Innovation Campus	2	U (0.364)	0.14	130	340
SVOC	Benzo(a)anthracene	LS-A-D07	Innovation Campus	2	0.225 - 0.225	1.0	130	340
SVOC	Benzo(a)anthracene	LS-A-E01	Innovation Campus	3	U (1.84)	0.53	130	340
SVOC	Benzo(a)anthracene	LS-A-E03	Innovation Campus	1	0.74 - 0.74	0.74	130	340
SVOC	Benzo(a)anthracene	LS-A-E04	Innovation Campus	2	U (22.3)	5.6	130	340
SVOC	Benzo(a)anthracene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	130	340
SVOC	Benzo(a)anthracene	LS-A-E07	Innovation Campus	1	0.34 - 0.34	0.34	130	340

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)anthracene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	130	340
SVOC	Benzo(a)anthracene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	130	340
SVOC	Benzo(a)anthracene	LS-A-F02	Innovation Campus	3	U (9.7)	2.6	130	340
SVOC	Benzo(a)anthracene	LS-A-F03	Innovation Campus	1	1.1 - 1.1	1.1	130	340
SVOC	Benzo(a)anthracene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.102	0.12	130	340
SVOC	Benzo(a)anthracene	LS-A-F05	Innovation Campus	1	41 - 41	41	130	340
SVOC	Benzo(a)anthracene	LS-A-G01	Innovation Campus	3	0.275 - 0.275	0.34	130	340
SVOC	Benzo(a)anthracene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	130	340
SVOC	Benzo(a)anthracene	LS-A-G03	Innovation Campus	3	2.97 - 2.97	1.8	130	340
SVOC	Benzo(a)anthracene	LS-A-G07	Innovation Campus	3	17 - 24.8	14	130	340
SVOC	Benzo(a)anthracene	LS-A-G08	Innovation Campus	2	2.28 - 3.17	2.7	130	340
SVOC	Benzo(a)anthracene	LS-A-H03	Innovation Campus	2	0.0585 - 0.351	0.20	130	340
SVOC	Benzo(a)anthracene	LS-A-H04	Innovation Campus	2	0.385 - 0.385	0.70	130	340
SVOC	Benzo(a)anthracene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	130	340
SVOC	Benzo(a)anthracene	LS-A-H07	Innovation Campus	2	0.119 - 0.119	0.54	130	340
SVOC	Benzo(a)anthracene	LS-A-I01	Innovation Campus	6	0.222 - 0.222	2.5	130	340
SVOC	Benzo(a)anthracene	LS-A-I02	Innovation Campus	1	U (5)	2.5	130	340
SVOC	Benzo(a)anthracene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.19	1.2	130	340
SVOC	Benzo(a)anthracene	LS-B-B01	Innovation Campus	1	0.0028 - 0.0028	0.0028	130	340
SVOC	Benzo(a)anthracene	LS-B-C01	Innovation Campus	3	U (0.19)	0.044	130	340
SVOC	Benzo(a)anthracene	LS-B-E01	Innovation Campus	4	0.0791 - 0.0791	0.56	130	340
SVOC	Benzo(a)anthracene	LS-B-G02	Innovation Campus	1	6.77 - 6.77	6.8	130	340
SVOC	Benzo(a)anthracene	LS-B-H02	Innovation Campus	3	U (1) - 1.7	0.61	130	340
SVOC	Benzo(a)anthracene	LS-E-B01	Innovation Campus	81	0.0051 - 130	11	130	340
SVOC	Benzo(a)anthracene	LS-E-G01	Innovation Campus	4	1.09 - 2	0.99	130	340
SVOC	Benzo(a)pyrene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.217 - 0.217	0.087	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.45) - 3.3	0.71	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0014 - 0.13	0.027	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0837 - 5.1	0.73	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-13	Major Amendment 3 Resampling	3	0.143 - 0.202	0.18	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.134 - 0.244	0.18	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-18	Major Amendment 3 Resampling	1	1.5 - 1.5	1.5	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0585 - 0.0592	1.5	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.026	0.015	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.17)	0.051	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.094)	0.023	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.024 - 0.024	0.016	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.19) - 1.11	0.40	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.22	0.13	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.36 - 0.459	0.14	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 2.1	0.74	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.037 - 0.037	0.34	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.12 - 0.12	0.065	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.032 - 1.2	0.28	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.12 - 0.12	0.12	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.026 - 9.2	2.4	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-60	Major Amendment 3 Resampling	27	U (0.83) - 24.1	2.4	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019)	0.0088	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-68	Major Amendment 3 Resampling	1	6.3 - 6.3	6.3	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.35	0.13	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-72	Major Amendment 3 Resampling	4	U (1.9) - 1.8	0.50	91	46
SVOC	Benzo(a)pyrene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.085 - 17	1.9	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-01	Major Amendment 3 Resampling	13	U (0.41)	0.088	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-04	Major Amendment 3 Resampling	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.167 - 0.29	0.17	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (3.3) - 17	3.9	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.452 - 11	4.2	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.02 - 19.4	1.4	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 6.1	1.7	91	46
SVOC	Benzo(a)pyrene	401-A01	Major Amendment 3	4	0.217 - 0.217	0.087	91	46
SVOC	Benzo(a)pyrene	401-E02	Major Amendment 3	24	U (0.45) - 3.3	0.34	91	46
SVOC	Benzo(a)pyrene	401-F01	Major Amendment 3	8	0.0837 - 5.1	0.73	91	46
SVOC	Benzo(a)pyrene	401-G01	Major Amendment 3	3	0.143 - 0.202	0.18	91	46
SVOC	Benzo(a)pyrene	401-H01	Major Amendment 3	3	0.134 - 0.244	0.18	91	46
SVOC	Benzo(a)pyrene	401-I01	Major Amendment 3	1	1.5 - 1.5	1.5	91	46
SVOC	Benzo(a)pyrene	401-J01	Major Amendment 3	3	0.0585 - 0.0592	1.5	91	46
SVOC	Benzo(a)pyrene	401-K01	Major Amendment 3	5	U (0.021) - 0.026	0.015	91	46
SVOC	Benzo(a)pyrene	401-L01	Major Amendment 3	2	U (0.17)	0.051	91	46
SVOC	Benzo(a)pyrene	401-L02	Major Amendment 3	6	U (0.094) - 0.35	0.079	91	46
SVOC	Benzo(a)pyrene	401-N01	Major Amendment 3	2	0.024 - 0.024	0.016	91	46
SVOC	Benzo(a)pyrene	401-O01	Major Amendment 3	1	U (0.033)	0.017	91	46
SVOC	Benzo(a)pyrene	401-P01	Major Amendment 3	5	U (0.19) - 1.11	0.40	91	46
SVOC	Benzo(a)pyrene	401-Q01	Major Amendment 3	34	0.0029 - 290	11	91	46
SVOC	Benzo(a)pyrene	401-R01	Major Amendment 3	4	U (1.9) - 1.8	0.50	91	46
SVOC	Benzo(a)pyrene	402-A01	Major Amendment 3	44	0.06 - 4.3	1.0	91	46
SVOC	Benzo(a)pyrene	402-B01	Major Amendment 3	58	0.039 - 28	2.0	91	46
SVOC	Benzo(a)pyrene	402-C01	Major Amendment 3	3	0.02 - 2	1.1	91	46
SVOC	Benzo(a)pyrene	403-A01	Major Amendment 3	2	U (0.19)	0.058	91	46
SVOC	Benzo(a)pyrene	403-B01	Major Amendment 3	13	U (0.41)	0.088	91	46

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)pyrene	403-C01	Major Amendment 3	8	U (1.4) - 1.28	0.21	91	46
SVOC	Benzo(a)pyrene	403-C02	Major Amendment 3	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	403-E01	Major Amendment 3	1	U (0.039)	0.020	91	46
SVOC	Benzo(a)pyrene	403-F01	Major Amendment 3	7	0.0308 - 0.19	0.065	91	46
SVOC	Benzo(a)pyrene	403-G01	Major Amendment 3	2	U (0.18)	0.054	91	46
SVOC	Benzo(a)pyrene	404-A01	Major Amendment 3	19	0.0319 - 10.6	1.7	91	46
SVOC	Benzo(a)pyrene	404-B01	Major Amendment 3	26	0.0621 - 31.5	2.7	91	46
SVOC	Benzo(a)pyrene	404-B02	Major Amendment 3	6	U (2) - 6.1	1.7	91	46
SVOC	Benzo(a)pyrene	404-C01	Major Amendment 3	3	0.559 - 4.8	2.8	91	46
SVOC	Benzo(a)pyrene	404-D01	Major Amendment 3	6	0.104 - 2.39	0.63	91	46
SVOC	Benzo(a)pyrene	404-E01	Major Amendment 3	31	0.0563 - 34.3	4.7	91	46
SVOC	Benzo(a)pyrene	404-F01	Major Amendment 3	22	0.208 - 144	19	91	46
SVOC	Benzo(a)pyrene	201-A01	Phase 1A	7	U (0.16) - 0.39	0.11	91	46
SVOC	Benzo(a)pyrene	201-A02	Phase 1A	14	U (0.17) - 2.4	0.41	91	46
SVOC	Benzo(a)pyrene	201-A03	Phase 1A	7	U (0.16) - 0.046	0.072	91	46
SVOC	Benzo(a)pyrene	201-A04	Phase 1A	29	U (3.4) - 4.3	0.53	91	46
SVOC	Benzo(a)pyrene	201-A05	Phase 1A	9	U (0.41) - 0.072	0.064	91	46
SVOC	Benzo(a)pyrene	201-A06	Phase 1A	7	U (0.32) - 0.11	0.074	91	46
SVOC	Benzo(a)pyrene	201-A07	Phase 1A	9	U (0.39) - 0.018	0.059	91	46
SVOC	Benzo(a)pyrene	201-A08	Phase 1A	7	U (0.038) - 0.2	0.069	91	46
SVOC	Benzo(a)pyrene	201-A09	Phase 1A	7	U (2.1) - 0.0071	0.17	91	46
SVOC	Benzo(a)pyrene	201-A10	Phase 1A	3	U (0.039) - 0.82	0.28	91	46
SVOC	Benzo(a)pyrene	201-A11	Phase 1A	4	U (0.17)	0.024	91	46
SVOC	Benzo(a)pyrene	201-A12	Phase 1A	6	0.0041 - 0.3	0.071	91	46
SVOC	Benzo(a)pyrene	201-A13	Phase 1A	4	U (0.041) - 0.23	0.10	91	46
SVOC	Benzo(a)pyrene	201-A14	Phase 1A	9	0.0041 - 1.5	0.31	91	46
SVOC	Benzo(a)pyrene	201-B02	Phase 1A	2	0.0027 - 0.0067	0.0047	91	46
SVOC	Benzo(a)pyrene	201-B04	Phase 1A	3	0.00071 - 0.002	0.0013	91	46
SVOC	Benzo(a)pyrene	201-B05	Phase 1A	3	U (0.17) - 0.21	0.16	91	46
SVOC	Benzo(a)pyrene	201-B08	Phase 1A	4	0.00065 - 0.01	0.0045	91	46
SVOC	Benzo(a)pyrene	201-C01	Phase 1A	14	U (1.6) - 0.1	0.16	91	46
SVOC	Benzo(a)pyrene	201-C04	Phase 1A	11	U (1.6) - 0.023	0.27	91	46
SVOC	Benzo(a)pyrene	201-C05	Phase 1A	3	1.4 - 4	1.8	91	46
SVOC	Benzo(a)pyrene	201-C07	Phase 1A	8	0.046 - 4.2	1.0	91	46
SVOC	Benzo(a)pyrene	201-C08	Phase 1A	11	0.0016 - 2.9	0.33	91	46
SVOC	Benzo(a)pyrene	201-C09	Phase 1A	7	U (0.14)	0.070	91	46
SVOC	Benzo(a)pyrene	201-C10	Phase 1A	3	U (0.4) - 2.33	0.97	91	46
SVOC	Benzo(a)pyrene	201-D01	Phase 1A	4	U (0.42) - 1.02	0.31	91	46
SVOC	Benzo(a)pyrene	201-D05	Phase 1A	4	0.0056 - 0.75	2.3	91	46
SVOC	Benzo(a)pyrene	201-D12	Phase 1A	3	U (0.16)	0.075	91	46
SVOC	Benzo(a)pyrene	201-E01	Phase 1A	43	0.00081 - 0.17	0.047	91	46
SVOC	Benzo(a)pyrene	201-E02	Phase 1A	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	201-E03	Phase 1A	3	U (0.38)	0.077	91	46
SVOC	Benzo(a)pyrene	201-E04	Phase 1A	3	U (0.59) - 4.7	1.6	91	46
SVOC	Benzo(a)pyrene	201-E05	Phase 1A	22	U (0.33) - 0.14	0.048	91	46
SVOC	Benzo(a)pyrene	201-F01	Phase 1A	36	0.0368 - 0.921	0.14	91	46
SVOC	Benzo(a)pyrene	201-F02	Phase 1A	4	0.0031 - 0.0063	0.012	91	46
SVOC	Benzo(a)pyrene	201-F03	Phase 1A	25	U (0.19) - 0.19	0.059	91	46
SVOC	Benzo(a)pyrene	201-F04	Phase 1A	21	U (0.079) - 0.097	0.019	91	46
SVOC	Benzo(a)pyrene	202-A03	Phase 1A	8	U (0.16) - 0.036	0.040	91	46
SVOC	Benzo(a)pyrene	202-A04	Phase 1A	4	U (0.41)	0.13	91	46
SVOC	Benzo(a)pyrene	202-A05	Phase 1A	4	U (0.16) - 0.04	0.032	91	46
SVOC	Benzo(a)pyrene	202-A06	Phase 1A	4	U (0.15)	0.074	91	46
SVOC	Benzo(a)pyrene	202-A07	Phase 1A	3	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	202-A08	Phase 1A	3	U (0.16)	0.078	91	46
SVOC	Benzo(a)pyrene	202-A09	Phase 1A	6	U (0.16)	0.078	91	46
SVOC	Benzo(a)pyrene	202-B01	Phase 1A	2	0.071 - 0.15	0.11	91	46
SVOC	Benzo(a)pyrene	202-B02	Phase 1A	8	U (0.4)	0.12	91	46
SVOC	Benzo(a)pyrene	202-B03	Phase 1A	15	0.25 - 0.25	0.10	91	46
SVOC	Benzo(a)pyrene	202-B04	Phase 1A	3	U (0.7)	0.16	91	46
SVOC	Benzo(a)pyrene	202-B05	Phase 1A	4	U (0.039) - 0.06	0.039	91	46
SVOC	Benzo(a)pyrene	202-B09	Phase 1A	9	U (0.79)	0.18	91	46
SVOC	Benzo(a)pyrene	202-C04	Phase 1A	15	0.076 - 0.18	0.28	91	46
SVOC	Benzo(a)pyrene	202-C05	Phase 1A	10	0.045 - 0.36	0.16	91	46
SVOC	Benzo(a)pyrene	202-C06	Phase 1A	4	0.021 - 0.091	0.061	91	46
SVOC	Benzo(a)pyrene	202-C07	Phase 1A	8	U (0.39) - 0.049	0.086	91	46
SVOC	Benzo(a)pyrene	202-C08	Phase 1A	4	U (0.2) - 0.17	0.096	91	46
SVOC	Benzo(a)pyrene	202-C10	Phase 1A	1	U (0.38)	0.19	91	46
SVOC	Benzo(a)pyrene	202-D05	Phase 1A	5	U (0.36) - 0.099	0.092	91	46
SVOC	Benzo(a)pyrene	202-D06	Phase 1A	11	U (2) - 0.59	0.50	91	46
SVOC	Benzo(a)pyrene	202-E06	Phase 1A	2	0.055 - 0.055	0.063	91	46
SVOC	Benzo(a)pyrene	202-E08	Phase 1A	13	U (0.38) - 0.22	0.095	91	46
SVOC	Benzo(a)pyrene	202-E09	Phase 1A	16	U (0.41) - 0.36	0.11	91	46
SVOC	Benzo(a)pyrene	202-E10	Phase 1A	6	U (0.45)	0.13	91	46
SVOC	Benzo(a)pyrene	202-E11	Phase 1A	2	U (0.41)	0.16	91	46
SVOC	Benzo(a)pyrene	202-E12	Phase 1A	4	U (0.42) - 0.069	0.10	91	46
SVOC	Benzo(a)pyrene	202-E13	Phase 1A	2	U (0.38)	0.15	91	46
SVOC	Benzo(a)pyrene	202-E15	Phase 1A	2	U (0.38)	0.19	91	46
SVOC	Benzo(a)pyrene	202-F01	Phase 1A	7	U (0.43)	0.18	91	46
SVOC	Benzo(a)pyrene	202-F04	Phase 1A	10	U (0.16) - 0.065	0.051	91	46
SVOC	Benzo(a)pyrene	202-F05	Phase 1A	2	U (0.15)	0.048	91	46
SVOC	Benzo(a)pyrene	202-F06	Phase 1A	2	0.14 - 0.14	0.18	91	46
SVOC	Benzo(a)pyrene	202-F07	Phase 1A	17	0.058 - 7.2	0.60	91	46

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)pyrene	202-F08	Phase 1A	4	U (0.16)	0.050	91	46
SVOC	Benzo(a)pyrene	202-F10	Phase 1A	2	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	202-F14	Phase 1A	2	U (0.038) - 0.0243	0.021	91	46
SVOC	Benzo(a)pyrene	202-F16	Phase 1A	4	U (0.4) - 0.46	0.19	91	46
SVOC	Benzo(a)pyrene	202-F17	Phase 1A	8	U (0.15)	0.074	91	46
SVOC	Benzo(a)pyrene	202-G01	Phase 1A	8	U (0.28) - 0.054	0.079	91	46
SVOC	Benzo(a)pyrene	202-G02	Phase 1A	14	U (3.2)	0.19	91	46
SVOC	Benzo(a)pyrene	202-G03	Phase 1A	9	U (0.15)	0.065	91	46
SVOC	Benzo(a)pyrene	202-G04	Phase 1A	3	U (0.2)	0.083	91	46
SVOC	Benzo(a)pyrene	202-G05	Phase 1A	6	U (0.41)	0.13	91	46
SVOC	Benzo(a)pyrene	202-G07	Phase 1A	16	U (0.16)	0.073	91	46
SVOC	Benzo(a)pyrene	202-H03	Phase 1A	5	U (0.12)	0.059	91	46
SVOC	Benzo(a)pyrene	202-H05	Phase 1A	1	U (0.04)	0.020	91	46
SVOC	Benzo(a)pyrene	202-H06	Phase 1A	2	U (0.04) - 0.0449	0.032	91	46
SVOC	Benzo(a)pyrene	202-H07	Phase 1A	2	U (0.037)	0.018	91	46
SVOC	Benzo(a)pyrene	202-H08	Phase 1A	3	U (0.16)	0.073	91	46
SVOC	Benzo(a)pyrene	202-H11	Phase 1A	10	U (0.16) - 0.053	0.071	91	46
SVOC	Benzo(a)pyrene	202-I01	Phase 1A	2	U (0.16)	0.078	91	46
SVOC	Benzo(a)pyrene	202-I04	Phase 1A	4	U (0.15)	0.071	91	46
SVOC	Benzo(a)pyrene	202-J03	Phase 1A	7	U (1.6)	0.57	91	46
SVOC	Benzo(a)pyrene	202-J04	Phase 1A	8	U (1.6) - 0.11	0.26	91	46
SVOC	Benzo(a)pyrene	202-J05	Phase 1A	6	0.0061 - 0.16	0.061	91	46
SVOC	Benzo(a)pyrene	202-J07	Phase 1A	7	U (0.39) - 0.46	0.15	91	46
SVOC	Benzo(a)pyrene	202-J08	Phase 1A	1	0.8 - 0.8	0.80	91	46
SVOC	Benzo(a)pyrene	202-J09	Phase 1A	2	U (0.022) - 1.9	0.95	91	46
SVOC	Benzo(a)pyrene	301-AA01	Phase 1A	1	U (0.04)	0.020	91	46
SVOC	Benzo(a)pyrene	301-AA02	Phase 1B	2	U (0.039) - 0.0379	0.028	91	46
SVOC	Benzo(a)pyrene	301-AA05	Phase 1B	11	U (0.21) - 0.14	0.050	91	46
SVOC	Benzo(a)pyrene	301-AA06	Phase 1A	11	0.0089 - 0.0089	0.13	91	46
SVOC	Benzo(a)pyrene	301-AA07	Phase 1A	4	U (0.16) - 0.208	0.10	91	46
SVOC	Benzo(a)pyrene	301-AA08	Phase 1A	3	U (0.02) - 0.069	0.030	91	46
SVOC	Benzo(a)pyrene	301-AA09	Phase 1A	3	U (0.02) - 0.2	0.073	91	46
SVOC	Benzo(a)pyrene	301-AB04	Phase 1A	3	U (0.037)	0.018	91	46
SVOC	Benzo(a)pyrene	301-AB05	Phase 1B	6	0.029 - 0.102	0.057	91	46
SVOC	Benzo(a)pyrene	301-AB06	Phase 1A	2	U (0.14)	0.070	91	46
SVOC	Benzo(a)pyrene	301-AB07	Phase 1A	1	0.24 - 0.24	0.24	91	46
SVOC	Benzo(a)pyrene	301-AB09	Phase 1A	2	U (0.876) - 8.85	4.4	91	46
SVOC	Benzo(a)pyrene	301-AC03	Phase 1B	2	0.47 - 0.639	0.55	91	46
SVOC	Benzo(a)pyrene	301-AC04	Phase 1A	25	U (0.76) - 7.1	0.63	91	46
SVOC	Benzo(a)pyrene	301-AC07	Phase 1A	10	U (0.75) - 0.78	0.22	91	46
SVOC	Benzo(a)pyrene	301-AC08	Phase 1A	7	0.1 - 0.25	0.21	91	46
SVOC	Benzo(a)pyrene	301-AC09	Phase 1A	6	0.0011 - 0.0011	0.0061	91	46
SVOC	Benzo(a)pyrene	301-B01	Phase 1A	1	U (0.018)	0.0090	91	46
SVOC	Benzo(a)pyrene	301-C01	Phase 1A	3	U (0.022) - 2.2	0.74	91	46
SVOC	Benzo(a)pyrene	301-C02	Phase 1A	7	U (0.39) - 0.017	0.037	91	46
SVOC	Benzo(a)pyrene	301-D01	Phase 1A	13	0.052 - 1.6	0.28	91	46
SVOC	Benzo(a)pyrene	301-E02	Phase 1A	14	U (0.46) - 0.28	0.062	91	46
SVOC	Benzo(a)pyrene	301-E03	Phase 1A	4	U (0.021) - 0.06	0.027	91	46
SVOC	Benzo(a)pyrene	301-G01	Phase 1A	2	0.0046 - 0.0064	0.0055	91	46
SVOC	Benzo(a)pyrene	301-G02	Phase 1A	3	0.032 - 0.74	0.33	91	46
SVOC	Benzo(a)pyrene	301-G03	Phase 1A	1	0.059 - 0.059	0.059	91	46
SVOC	Benzo(a)pyrene	301-H02	Phase 1A	3	0.0039 - 0.16	0.10	91	46
SVOC	Benzo(a)pyrene	301-H03	Phase 1A	2	0.0026 - 0.0029	0.0028	91	46
SVOC	Benzo(a)pyrene	301-L01	Phase 1C	7	0.037 - 9.2	1.3	91	46
SVOC	Benzo(a)pyrene	301-N02	Phase 1A	3	0.0044 - 1.2	0.40	91	46
SVOC	Benzo(a)pyrene	301-P02	Phase 1A	2	0.0644 - 0.74	0.40	91	46
SVOC	Benzo(a)pyrene	301-Q04	Phase 1A	6	U (0.4) - 2.47	0.52	91	46
SVOC	Benzo(a)pyrene	301-R02	Phase 1A	6	U (0.087) - 0.35	0.077	91	46
SVOC	Benzo(a)pyrene	301-S02	Phase 1A	4	U (0.088)	0.018	91	46
SVOC	Benzo(a)pyrene	301-S03	Phase 1A	1	0.054 - 0.054	0.054	91	46
SVOC	Benzo(a)pyrene	301-T01	Phase 1B	5	U (5.3) - 6.3	2.3	91	46
SVOC	Benzo(a)pyrene	301-T02	Phase 1B	2	U (1.9) - 1.8	0.94	91	46
SVOC	Benzo(a)pyrene	301-T03	Phase 1C	2	U (0.09)	0.045	91	46
SVOC	Benzo(a)pyrene	301-T04	Phase 1A	2	U (0.09)	0.027	91	46
SVOC	Benzo(a)pyrene	301-U01	Phase 1B	2	U (0.19) - 1.3	0.66	91	46
SVOC	Benzo(a)pyrene	301-U03	Phase 1B	1	U (0.17)	0.085	91	46
SVOC	Benzo(a)pyrene	301-V01	Phase 1B	7	U (0.041) - 0.056	0.027	91	46
SVOC	Benzo(a)pyrene	301-V02	Phase 1B	20	0.00085 - 12	0.78	91	46
SVOC	Benzo(a)pyrene	301-V04	Phase 1A	29	U (0.16) - 0.17	0.052	91	46
SVOC	Benzo(a)pyrene	301-W01	Phase 1B	24	U (0.17) - 0.64	0.074	91	46
SVOC	Benzo(a)pyrene	301-W03	Phase 1A	4	U (0.017) - 0.0014	0.0067	91	46
SVOC	Benzo(a)pyrene	301-X01	Phase 1B	11	0.028 - 0.77	0.21	91	46
SVOC	Benzo(a)pyrene	301-X03	Phase 1A	3	0.054 - 0.054	0.024	91	46
SVOC	Benzo(a)pyrene	301-Y01	Phase 1B	10	U (0.36) - 0.281	0.078	91	46
SVOC	Benzo(a)pyrene	301-Y02	Phase 1B	4	U (0.17) - 0.52	0.15	91	46
SVOC	Benzo(a)pyrene	301-Y03	Phase 1A	2	U (0.04) - 0.0759	0.048	91	46
SVOC	Benzo(a)pyrene	301-Y04	Phase 1A	3	U (0.02) - 0.046	0.022	91	46
SVOC	Benzo(a)pyrene	301-Y05	Phase 1A	6	U (0.16) - 0.024	0.046	91	46
SVOC	Benzo(a)pyrene	301-Z01	Phase 1B	6	U (0.039)	0.018	91	46
SVOC	Benzo(a)pyrene	301-Z02	Phase 1B	2	U (0.18) - 0.29	0.15	91	46
SVOC	Benzo(a)pyrene	301-Z03	Phase 1B	5	0.013 - 0.28	0.090	91	46
SVOC	Benzo(a)pyrene	301-Z04	Phase 1A	14	U (0.76) - 0.14	0.13	91	46
SVOC	Benzo(a)pyrene	302-AD02	Phase 1C	2	U (0.19)	0.057	91	46

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)pyrene	302-AD06	Phase 1B	12	U (0.18) - 0.31	0.14	91	46
SVOC	Benzo(a)pyrene	302-AD07	Phase 1B	2	0.14 - 0.14	0.11	91	46
SVOC	Benzo(a)pyrene	302-AD08	Phase 1A	2	U (0.14)	0.068	91	46
SVOC	Benzo(a)pyrene	302-AD09	Phase 1A	3	U (0.1) - 0.0169	0.029	91	46
SVOC	Benzo(a)pyrene	302-AD10	Phase 1A	4	U (0.8) - 1.6	0.55	91	46
SVOC	Benzo(a)pyrene	302-AE03	Phase 1B	4	U (0.18)	0.036	91	46
SVOC	Benzo(a)pyrene	302-AE04	Phase 1B	8	U (0.74) - 0.0161	0.098	91	46
SVOC	Benzo(a)pyrene	302-AE05	Phase 1B	20	0.15 - 0.4	0.10	91	46
SVOC	Benzo(a)pyrene	302-AE07	Phase 1B	3	U (0.11) - 0.402	0.17	91	46
SVOC	Benzo(a)pyrene	302-AE08	Phase 1B	3	U (0.15)	0.051	91	46
SVOC	Benzo(a)pyrene	302-AE09	Phase 1A	4	U (0.16)	0.058	91	46
SVOC	Benzo(a)pyrene	302-AF04	Phase 1B	22	U (0.15)	0.042	91	46
SVOC	Benzo(a)pyrene	302-AF05	Phase 1B	2	U (0.041) - 0.274	0.15	91	46
SVOC	Benzo(a)pyrene	302-AF06	Phase 1A	8	0.044 - 0.46	0.15	91	46
SVOC	Benzo(a)pyrene	302-AF09	Phase 1B	5	U (0.04)	0.019	91	46
SVOC	Benzo(a)pyrene	302-AG04	Phase 1B	9	U (0.15) - 0.039	0.028	91	46
SVOC	Benzo(a)pyrene	302-AG06	Phase 1B	5	U (0.041)	0.019	91	46
SVOC	Benzo(a)pyrene	302-AG07	Phase 1A	14	U (0.16) - 0.1	0.052	91	46
SVOC	Benzo(a)pyrene	302-AG08	Phase 1B	6	0.089 - 1.8	0.47	91	46
SVOC	Benzo(a)pyrene	302-AH01	Phase 1C	2	U (0.19) - 0.22	0.12	91	46
SVOC	Benzo(a)pyrene	302-AH05	Phase 1B	11	0.0438 - 0.66	0.24	91	46
SVOC	Benzo(a)pyrene	302-AH06	Phase 1B	4	U (0.0415) - 0.0772	0.034	91	46
SVOC	Benzo(a)pyrene	302-AH07	Phase 1B	21	U (0.37) - 0.51	0.10	91	46
SVOC	Benzo(a)pyrene	302-AH08	Phase 1B	13	U (0.041) - 0.69	0.20	91	46
SVOC	Benzo(a)pyrene	302-AI01	Phase 1C	2	U (0.04) - 0.274	0.15	91	46
SVOC	Benzo(a)pyrene	302-AI05	Phase 1B	11	U (0.16) - 0.88	0.16	91	46
SVOC	Benzo(a)pyrene	302-AI06	Phase 1B	19	U (0.17) - 3.2	0.38	91	46
SVOC	Benzo(a)pyrene	302-AI07	Phase 1B	10	U (0.375) - 0.4	0.14	91	46
SVOC	Benzo(a)pyrene	302-AI08	Phase 1B	2	U (0.38)	0.11	91	46
SVOC	Benzo(a)pyrene	302-AI09	Phase 1B	3	U (0.041) - 0.194	0.077	91	46
SVOC	Benzo(a)pyrene	302-AJ05	Phase 1B	2	U (0.16) - 0.05	0.065	91	46
SVOC	Benzo(a)pyrene	302-AJ06	Phase 1B	5	0.089 - 0.3	0.13	91	46
SVOC	Benzo(a)pyrene	302-AJ09	Phase 1A	13	U (57) - 3.3	3.7	91	46
SVOC	Benzo(a)pyrene	302-AK05	Phase 1B	5	0.052 - 0.65	0.18	91	46
SVOC	Benzo(a)pyrene	302-AK06	Phase 1A	3	U (0.42) - 2.3	1.3	91	46
SVOC	Benzo(a)pyrene	302-AK07	Phase 1B	13	U (0.0426) - 2.6	0.49	91	46
SVOC	Benzo(a)pyrene	302-AL01	Phase 1C	2	0.238 - 0.238	0.13	91	46
SVOC	Benzo(a)pyrene	302-AL03	Phase 1B	2	U (0.092) - 0.0939	0.070	91	46
SVOC	Benzo(a)pyrene	302-AL05	Phase 1B	13	U (0.42) - 5	0.92	91	46
SVOC	Benzo(a)pyrene	302-AL06	Phase 1A	13	U (0.37) - 4.8	1.2	91	46
SVOC	Benzo(a)pyrene	302-AL08	Phase 1B	2	U (0.041)	0.019	91	46
SVOC	Benzo(a)pyrene	302-AN01	Phase 1B	2	U (0.035) - 0.0912	0.054	91	46
SVOC	Benzo(a)pyrene	302-AN02	Phase 1A	2	U (0.198)	0.058	91	46
SVOC	Benzo(a)pyrene	302-AO03	Phase 1A	2	U (0.0418)	0.020	91	46
SVOC	Benzo(a)pyrene	302-AP02	Phase 1B	2	U (0.042) - 0.45	0.24	91	46
SVOC	Benzo(a)pyrene	302-AP03	Phase 1B	23	U (0.4) - 0.18	0.072	91	46
SVOC	Benzo(a)pyrene	302-AP04	Phase 1B	2	U (0.039) - 0.0952	0.057	91	46
SVOC	Benzo(a)pyrene	302-AP05	Phase 1B	2	U (0.035)	0.017	91	46
SVOC	Benzo(a)pyrene	302-AQ01	Phase 1B	2	0.36 - 1.6	0.98	91	46
SVOC	Benzo(a)pyrene	302-AQ02	Phase 1A	7	U (1.5)	0.17	91	46
SVOC	Benzo(a)pyrene	302-AQ04	Phase 1B	2	U (0.11)	0.055	91	46
SVOC	Benzo(a)pyrene	302-AR01	Phase 1B	2	0.22 - 8.4	4.3	91	46
SVOC	Benzo(a)pyrene	302-AR02	Phase 1A	4	U (0.16)	0.074	91	46
SVOC	Benzo(a)pyrene	302-AR04	Phase 1B	3	U (0.12) - 0.0442	0.047	91	46
SVOC	Benzo(a)pyrene	302-AS03	Phase 1A	13	U (0.16) - 0.0355	0.058	91	46
SVOC	Benzo(a)pyrene	302-AS04	Phase 1B	2	U (0.0419)	0.021	91	46
SVOC	Benzo(a)pyrene	302-AT01	Phase 1B	2	U (0.3)	0.15	91	46
SVOC	Benzo(a)pyrene	302-AT02	Phase 1B	2	U (0.77) - 0.174	0.28	91	46
SVOC	Benzo(a)pyrene	302-AT03	Phase 1B	4	U (0.039) - 0.0353	0.023	91	46
SVOC	Benzo(a)pyrene	302-AU01	Phase 1B	4	0.15 - 1.4	0.49	91	46
SVOC	Benzo(a)pyrene	302-AU02	Phase 1B	8	U (4)	0.32	91	46
SVOC	Benzo(a)pyrene	302-AU03	Phase 1B	2	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	302-AV01	Phase 1A	10	0.161 - 2	1.0	91	46
SVOC	Benzo(a)pyrene	302-AV02	Phase 1B	4	U (0.78)	0.16	91	46
SVOC	Benzo(a)pyrene	302-AV03	Phase 1A	6	U (0.16)	0.079	91	46
SVOC	Benzo(a)pyrene	302-AV04	Phase 1B	2	U (0.0415)	0.020	91	46
SVOC	Benzo(a)pyrene	302-AW01	Phase 1A	9	0.31 - 12	1.9	91	46
SVOC	Benzo(a)pyrene	302-AW02	Phase 1B	2	U (1.9) - 1.4	0.74	91	46
SVOC	Benzo(a)pyrene	302-AW03	Phase 1A	2	U (0.16)	0.078	91	46
SVOC	Benzo(a)pyrene	302-AX01	Phase 1A	13	U (6.8) - 1	0.87	91	46
SVOC	Benzo(a)pyrene	302-AX02	Phase 1B	3	U (0.038)	0.018	91	46
SVOC	Benzo(a)pyrene	302-AX05	Phase 1A	2	U (0.0414)	0.020	91	46
SVOC	Benzo(a)pyrene	302-AY02	Phase 1B	14	0.043 - 8.22	2.3	91	46
SVOC	Benzo(a)pyrene	302-AY03	Phase 1B	2	0.0839 - 0.11	0.097	91	46
SVOC	Benzo(a)pyrene	302-AY05	Phase 1B	2	U (0.19)	0.058	91	46
SVOC	Benzo(a)pyrene	302-AZ02	Phase 1B	8	0.695 - 3.8	3.5	91	46
SVOC	Benzo(a)pyrene	302-AZ03	Phase 1B	1	U (2)	1.0	91	46
SVOC	Benzo(a)pyrene	302-AZ05	Phase 1A	2	U (0.41)	0.14	91	46
SVOC	Benzo(a)pyrene	302-BA03	Phase 1B	3	U (0.099)	0.049	91	46
SVOC	Benzo(a)pyrene	302-BA05	Phase 1A	2	U (0.218)	0.064	91	46
SVOC	Benzo(a)pyrene	302-BB07	Phase 1B	9	U (0.16) - 0.35	0.089	91	46
SVOC	Benzo(a)pyrene	302-BB08	Phase 1B	1	0.55 - 0.55	0.55	91	46
SVOC	Benzo(a)pyrene	302-BC05	Phase 1A	7	U (0.039) - 0.0055	0.0066	91	46

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)pyrene	302-BC06	Phase 1B	8	U (0.23)	0.084	91	46
SVOC	Benzo(a)pyrene	302-BD05	Phase 1A	4	U (0.16)	0.079	91	46
SVOC	Benzo(a)pyrene	302-BE04	Phase 1A	5	U (0.19)	0.067	91	46
SVOC	Benzo(a)pyrene	303-AY01	Phase 1A	4	0.1 - 1.9	0.76	91	46
SVOC	Benzo(a)pyrene	303-AZ01	Phase 1A	5	0.38 - 2.5	1.6	91	46
SVOC	Benzo(a)pyrene	303-BA01	Phase 1A	8	0.0531 - 4.1	0.94	91	46
SVOC	Benzo(a)pyrene	303-BA02	Phase 1A	11	0.12 - 2.1	2.0	91	46
SVOC	Benzo(a)pyrene	303-BB01	Phase 1A	2	1.2 - 2	1.6	91	46
SVOC	Benzo(a)pyrene	303-BB02	Phase 1A	5	0.028 - 74.4	19	91	46
SVOC	Benzo(a)pyrene	303-BC01	Phase 1A	4	U (0.038) - 0.266	0.13	91	46
SVOC	Benzo(a)pyrene	303-BD04	Phase 1A	9	0.21 - 3.9	1.4	91	46
SVOC	Benzo(a)pyrene	303-BE03	Phase 1A	44	0.09 - 7.1	1.4	91	46
SVOC	Benzo(a)pyrene	303-BF05	Phase 1A	16	0.38 - 1.8	0.87	91	46
SVOC	Benzo(a)pyrene	303-BG04	Phase 1A	27	0.12 - 3.2	1.3	91	46
SVOC	Benzo(a)pyrene	303-BH02	Phase 1A	22	0.18 - 59	4.9	91	46
SVOC	Benzo(a)pyrene	303-BI03	Phase 1A	6	0.8 - 4.1	1.9	91	46
SVOC	Benzo(a)pyrene	303-BJ01	Phase 1A	3	7.4 - 8.7	7.9	91	46
SVOC	Benzo(a)pyrene	303-BJ02	Phase 1A	3	0.0757 - 1.33	0.55	91	46
SVOC	Benzo(a)pyrene	303-BK03	Phase 1A	7	0.3 - 3.1	1.4	91	46
SVOC	Benzo(a)pyrene	303-BL02	Phase 1A	13	0.067 - 1.2	0.52	91	46
SVOC	Benzo(a)pyrene	303-BM02	Phase 1A	2	0.019 - 7.71	3.9	91	46
SVOC	Benzo(a)pyrene	303-BN02	Phase 1A	15	0.0462 - 14	1.6	91	46
SVOC	Benzo(a)pyrene	303-BN03	Phase 1A	14	0.076 - 3.3	0.77	91	46
SVOC	Benzo(a)pyrene	303-BO02	Phase 1A	17	0.01 - 1.7	0.51	91	46
SVOC	Benzo(a)pyrene	303-BP02	Phase 1A	44	0.009 - 9.39	1.0	91	46
SVOC	Benzo(a)pyrene	303-BQ01	Phase 1A	4	0.246 - 1.1	0.54	91	46
SVOC	Benzo(a)pyrene	303-BQ02	Phase 1A	18	0.006 - 6.2	0.85	91	46
SVOC	Benzo(a)pyrene	303-BR02	Phase 1A	8	0.269 - 6	1.3	91	46
SVOC	Benzo(a)pyrene	303-BT01	Phase 1A	13	0.021 - 0.42	0.12	91	46
SVOC	Benzo(a)pyrene	303-BW01	Phase 1A	2	0.112 - 0.41	0.26	91	46
SVOC	Benzo(a)pyrene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	91	46
SVOC	Benzo(a)pyrene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 3.59	1.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.5	91	46
SVOC	Benzo(a)pyrene	ParcelB-04	Innovation Campus, Parcel B	3	U (1.89)	0.47	91	46
SVOC	Benzo(a)pyrene	ParcelB-06	Innovation Campus, Parcel B	2	U (7.53)	1.9	91	46
SVOC	Benzo(a)pyrene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	91	46
SVOC	Benzo(a)pyrene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2) - 6.5	2.9	91	46
SVOC	Benzo(a)pyrene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	91	46
SVOC	Benzo(a)pyrene	ParcelB-13	Innovation Campus, Parcel B	2	U (4.7) - 2.6	2.5	91	46
SVOC	Benzo(a)pyrene	ParcelB-14	Innovation Campus, Parcel B	3	0.473 - 0.473	0.93	91	46
SVOC	Benzo(a)pyrene	ParcelB-15	Innovation Campus, Parcel B	2	3.42 - 3.42	1.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	91	46
SVOC	Benzo(a)pyrene	ParcelB-19	Innovation Campus, Parcel B	1	U (1)	0.50	91	46
SVOC	Benzo(a)pyrene	ParcelB-20	Innovation Campus, Parcel B	3	U (9.7)	2.6	91	46
SVOC	Benzo(a)pyrene	ParcelB-21	Innovation Campus, Parcel B	6	2.54 - 34.8	9.6	91	46
SVOC	Benzo(a)pyrene	101-D20-C	Innovation Campus	21	U (0.929) - 6.5	0.66	91	46
SVOC	Benzo(a)pyrene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	91	46
SVOC	Benzo(a)pyrene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	91	46
SVOC	Benzo(a)pyrene	101-H24-C	Innovation Campus	2	0.159 - 0.679	0.42	91	46
SVOC	Benzo(a)pyrene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	91	46
SVOC	Benzo(a)pyrene	101-I25-C	Innovation Campus	2	0.0845 - 1.87	0.98	91	46
SVOC	Benzo(a)pyrene	101-J23-C	Innovation Campus	2	0.0197 - 0.417	0.22	91	46
SVOC	Benzo(a)pyrene	101-L31-C	Innovation Campus	2	0.0426 - 0.545	0.29	91	46
SVOC	Benzo(a)pyrene	101-U37-C	Innovation Campus	5	U (7.36) - 0.4	0.90	91	46
SVOC	Benzo(a)pyrene	102-E08-C	Innovation Campus	3	U (1.89)	0.47	91	46
SVOC	Benzo(a)pyrene	102-G23-C	Innovation Campus	2	0.0399 - 0.0399	5.1	91	46
SVOC	Benzo(a)pyrene	103-A10-C	Innovation Campus	6	U (8.73) - 6.5	2.4	91	46
SVOC	Benzo(a)pyrene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	91	46
SVOC	Benzo(a)pyrene	103-A14-S	Innovation Campus	1	6.5 - 6.5	6.5	91	46
SVOC	Benzo(a)pyrene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	91	46
SVOC	Benzo(a)pyrene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	91	46
SVOC	Benzo(a)pyrene	103-H01-C	Innovation Campus	2	U (4.7) - 2.6	2.5	91	46
SVOC	Benzo(a)pyrene	104-K10-C	Innovation Campus	2	0.473 - 0.473	0.25	91	46
SVOC	Benzo(a)pyrene	LS-A-A01	Innovation Campus	1	11 - 11	11	91	46
SVOC	Benzo(a)pyrene	LS-A-A02	Innovation Campus	2	0.0695 - 0.9	0.48	91	46
SVOC	Benzo(a)pyrene	LS-A-A03	Innovation Campus	1	2.04 - 2.04	2.0	91	46
SVOC	Benzo(a)pyrene	LS-A-A04	Innovation Campus	3	0.92 - 3.6	2.1	91	46
SVOC	Benzo(a)pyrene	LS-A-B02	Innovation Campus	14	U (1.9) - 3	0.61	91	46
SVOC	Benzo(a)pyrene	LS-A-B03	Innovation Campus	4	U (0.211) - 0.305	0.11	91	46
SVOC	Benzo(a)pyrene	LS-A-C01	Innovation Campus	35	U (19) - 110	7.7	91	46
SVOC	Benzo(a)pyrene	LS-A-C02	Innovation Campus	14	U (19) - 13	2.7	91	46
SVOC	Benzo(a)pyrene	LS-A-C04	Innovation Campus	3	U (0.2)	0.046	91	46
SVOC	Benzo(a)pyrene	LS-A-D01	Innovation Campus	5	0.475 - 0.475	0.78	91	46
SVOC	Benzo(a)pyrene	LS-A-D02	Innovation Campus	1	5.4 - 5.4	5.4	91	46
SVOC	Benzo(a)pyrene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	91	46
SVOC	Benzo(a)pyrene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	91	46
SVOC	Benzo(a)pyrene	LS-A-D05	Innovation Campus	6	0.251 - 0.822	0.37	91	46
SVOC	Benzo(a)pyrene	LS-A-D06	Innovation Campus	2	U (0.202)	0.060	91	46
SVOC	Benzo(a)pyrene	LS-A-D07	Innovation Campus	2	U (3.68)	0.97	91	46
SVOC	Benzo(a)pyrene	LS-A-E01	Innovation Campus	3	U (1.84)	0.53	91	46
SVOC	Benzo(a)pyrene	LS-A-E03	Innovation Campus	1	0.63 - 0.63	0.63	91	46
SVOC	Benzo(a)pyrene	LS-A-E04	Innovation Campus	2	U (4.46)	1.1	91	46

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(a)pyrene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	91	46
SVOC	Benzo(a)pyrene	LS-A-E07	Innovation Campus	1	0.43 - 0.43	0.43	91	46
SVOC	Benzo(a)pyrene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	91	46
SVOC	Benzo(a)pyrene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	91	46
SVOC	Benzo(a)pyrene	LS-A-F02	Innovation Campus	3	U (9.7)	2.6	91	46
SVOC	Benzo(a)pyrene	LS-A-F03	Innovation Campus	1	1.3 - 1.3	1.3	91	46
SVOC	Benzo(a)pyrene	LS-A-F04	Innovation Campus	12	U (0.94)	0.15	91	46
SVOC	Benzo(a)pyrene	LS-A-F05	Innovation Campus	1	37 - 37	37	91	46
SVOC	Benzo(a)pyrene	LS-A-G01	Innovation Campus	3	0.208 - 0.635	0.45	91	46
SVOC	Benzo(a)pyrene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	91	46
SVOC	Benzo(a)pyrene	LS-A-G03	Innovation Campus	3	3.42 - 3.42	1.9	91	46
SVOC	Benzo(a)pyrene	LS-A-G07	Innovation Campus	6	2.54 - 34.8	9.6	91	46
SVOC	Benzo(a)pyrene	LS-A-G08	Innovation Campus	2	2.8 - 4.32	3.6	91	46
SVOC	Benzo(a)pyrene	LS-A-H03	Innovation Campus	2	U (0.195) - 0.431	0.23	91	46
SVOC	Benzo(a)pyrene	LS-A-H04	Innovation Campus	2	U (2.02)	0.55	91	46
SVOC	Benzo(a)pyrene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	91	46
SVOC	Benzo(a)pyrene	LS-A-H07	Innovation Campus	2	0.0748 - 0.0748	0.52	91	46
SVOC	Benzo(a)pyrene	LS-A-I01	Innovation Campus	6	U (8.23)	2.5	91	46
SVOC	Benzo(a)pyrene	LS-A-I02	Innovation Campus	1	U (5)	2.5	91	46
SVOC	Benzo(a)pyrene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.18	0.89	91	46
SVOC	Benzo(a)pyrene	LS-B-B01	Innovation Campus	1	0.0062 - 0.0062	0.0062	91	46
SVOC	Benzo(a)pyrene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.2	0.079	91	46
SVOC	Benzo(a)pyrene	LS-B-E01	Innovation Campus	4	0.0573 - 0.0573	0.55	91	46
SVOC	Benzo(a)pyrene	LS-B-G02	Innovation Campus	1	9.07 - 9.07	9.1	91	46
SVOC	Benzo(a)pyrene	LS-B-H02	Innovation Campus	3	U (1) - 6	2.0	91	46
SVOC	Benzo(a)pyrene	LS-E-B01	Innovation Campus	107	0.0053 - 140	8.1	91	46
SVOC	Benzo(a)pyrene	LS-E-G01	Innovation Campus	4	1.5 - 1.5	0.85	91	46
SVOC	Benzo(b)fluoranthene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.242 - 0.242	0.093	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.45) - 6.7	1.2	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.00098 - 0.17	0.036	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0789 - 9.8	1.3	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-13	Major Amendment 3 Resampling	3	0.193 - 0.24	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.177 - 0.299	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-18	Major Amendment 3 Resampling	1	2.1 - 2.1	2.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0704 - 0.0788	1.5	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.03	0.020	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.17)	0.051	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.094)	0.023	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.029 - 0.029	0.019	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.19) - 1.2	0.43	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.26	0.15	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.0214 - 0.744	0.20	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 1.6	0.57	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.043 - 0.043	0.35	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.13 - 0.13	0.070	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.029 - 1.2	0.28	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.17 - 0.17	0.17	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.033 - 4.3	1.2	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.18) - 21	2.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019)	0.0088	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-68	Major Amendment 3 Resampling	1	8.1 - 8.1	8.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.34	0.13	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-72	Major Amendment 3 Resampling	4	U (1.9) - 1.3	0.38	76	170
SVOC	Benzo(b)fluoranthene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.13 - 19	2.2	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-01	Major Amendment 3 Resampling	13	U (0.41) - 0.036	0.068	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-04	Major Amendment 3 Resampling	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.23 - 0.4	0.23	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (2.5) - 19	4.3	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.49 - 12	4.5	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.017 - 26.9	1.6	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-06	Major Amendment 3 Resampling	6	0.43 - 6.1	1.9	76	170
SVOC	Benzo(b)fluoranthene	401-A01	Major Amendment 3	4	0.242 - 0.242	0.093	76	170
SVOC	Benzo(b)fluoranthene	401-E02	Major Amendment 3	24	U (0.45) - 6.7	0.56	76	170
SVOC	Benzo(b)fluoranthene	401-F01	Major Amendment 3	8	0.0789 - 9.8	1.3	76	170
SVOC	Benzo(b)fluoranthene	401-G01	Major Amendment 3	3	0.193 - 0.24	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-H01	Major Amendment 3	3	0.177 - 0.299	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-I01	Major Amendment 3	1	2.1 - 2.1	2.1	76	170
SVOC	Benzo(b)fluoranthene	401-J01	Major Amendment 3	3	0.0704 - 0.0788	1.5	76	170
SVOC	Benzo(b)fluoranthene	401-K01	Major Amendment 3	5	U (0.021) - 0.03	0.020	76	170
SVOC	Benzo(b)fluoranthene	401-L01	Major Amendment 3	2	U (0.17)	0.051	76	170
SVOC	Benzo(b)fluoranthene	401-L02	Major Amendment 3	6	U (0.094) - 0.34	0.077	76	170
SVOC	Benzo(b)fluoranthene	401-N01	Major Amendment 3	2	0.029 - 0.029	0.019	76	170
SVOC	Benzo(b)fluoranthene	401-O01	Major Amendment 3	1	U (0.033)	0.017	76	170
SVOC	Benzo(b)fluoranthene	401-P01	Major Amendment 3	5	U (0.19) - 1.2	0.43	76	170
SVOC	Benzo(b)fluoranthene	401-Q01	Major Amendment 3	33	0.0061 - 283	12	76	170
SVOC	Benzo(b)fluoranthene	401-R01	Major Amendment 3	4	U (1.9) - 1.3	0.38	76	170
SVOC	Benzo(b)fluoranthene	402-A01	Major Amendment 3	41	0.066 - 5.5	1.1	76	170
SVOC	Benzo(b)fluoranthene	402-B01	Major Amendment 3	56	0.03 - 27	2.2	76	170
SVOC	Benzo(b)fluoranthene	402-C01	Major Amendment 3	3	0.03 - 2.6	1.3	76	170

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(b)fluoranthene	403-A01	Major Amendment 3	2	U (0.19)	0.058	76	170
SVOC	Benzo(b)fluoranthene	403-B01	Major Amendment 3	13	U (0.41) - 0.036	0.068	76	170
SVOC	Benzo(b)fluoranthene	403-C01	Major Amendment 3	8	U (1.4) - 1.41	0.22	76	170
SVOC	Benzo(b)fluoranthene	403-C02	Major Amendment 3	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	403-E01	Major Amendment 3	1	U (0.039)	0.020	76	170
SVOC	Benzo(b)fluoranthene	403-F01	Major Amendment 3	7	0.0471 - 0.23	0.082	76	170
SVOC	Benzo(b)fluoranthene	403-G01	Major Amendment 3	2	U (0.18)	0.054	76	170
SVOC	Benzo(b)fluoranthene	404-A01	Major Amendment 3	19	0.0386 - 11.5	1.9	76	170
SVOC	Benzo(b)fluoranthene	404-B01	Major Amendment 3	24	0.0608 - 30.7	2.8	76	170
SVOC	Benzo(b)fluoranthene	404-B02	Major Amendment 3	6	0.43 - 6.1	1.9	76	170
SVOC	Benzo(b)fluoranthene	404-C01	Major Amendment 3	3	0.53 - 5.1	2.9	76	170
SVOC	Benzo(b)fluoranthene	404-D01	Major Amendment 3	6	0.151 - 1.82	0.59	76	170
SVOC	Benzo(b)fluoranthene	404-E01	Major Amendment 3	30	0.061 - 25.9	4.4	76	170
SVOC	Benzo(b)fluoranthene	404-F01	Major Amendment 3	22	0.275 - 154	23	76	170
SVOC	Benzo(b)fluoranthene	201-A01	Phase 1A	7	U (0.12) - 0.57	0.13	76	170
SVOC	Benzo(b)fluoranthene	201-A02	Phase 1A	14	0.047 - 2.6	0.45	76	170
SVOC	Benzo(b)fluoranthene	201-A03	Phase 1A	7	U (0.12) - 0.063	0.054	76	170
SVOC	Benzo(b)fluoranthene	201-A04	Phase 1A	29	0.017 - 3.8	0.52	76	170
SVOC	Benzo(b)fluoranthene	201-A05	Phase 1A	9	U (0.41) - 0.087	0.058	76	170
SVOC	Benzo(b)fluoranthene	201-A06	Phase 1A	7	0.0032 - 0.24	0.084	76	170
SVOC	Benzo(b)fluoranthene	201-A07	Phase 1A	9	0.004 - 0.041	0.034	76	170
SVOC	Benzo(b)fluoranthene	201-A08	Phase 1A	7	U (0.038) - 0.28	0.089	76	170
SVOC	Benzo(b)fluoranthene	201-A09	Phase 1A	7	U (2.1) - 0.0095	0.17	76	170
SVOC	Benzo(b)fluoranthene	201-A10	Phase 1A	3	U (0.039) - 0.95	0.33	76	170
SVOC	Benzo(b)fluoranthene	201-A11	Phase 1A	4	U (0.12) - 0.00081	0.017	76	170
SVOC	Benzo(b)fluoranthene	201-A12	Phase 1A	6	0.0086 - 0.78	0.18	76	170
SVOC	Benzo(b)fluoranthene	201-A13	Phase 1A	4	U (0.041) - 0.39	0.19	76	170
SVOC	Benzo(b)fluoranthene	201-A14	Phase 1A	9	0.0025 - 2.3	0.47	76	170
SVOC	Benzo(b)fluoranthene	201-B02	Phase 1A	2	U (0.0064) - 0.007	0.0051	76	170
SVOC	Benzo(b)fluoranthene	201-B04	Phase 1A	3	U (0.00092) - 0.0036	0.0018	76	170
SVOC	Benzo(b)fluoranthene	201-B05	Phase 1A	3	U (0.13) - 0.22	0.16	76	170
SVOC	Benzo(b)fluoranthene	201-B08	Phase 1A	4	0.00057 - 0.0091	0.0050	76	170
SVOC	Benzo(b)fluoranthene	201-C01	Phase 1A	14	U (1.2) - 0.28	0.12	76	170
SVOC	Benzo(b)fluoranthene	201-C04	Phase 1A	11	U (1.2) - 0.055	0.21	76	170
SVOC	Benzo(b)fluoranthene	201-C05	Phase 1A	3	0.0044 - 6.1	2.9	76	170
SVOC	Benzo(b)fluoranthene	201-C07	Phase 1A	8	0.077 - 4.6	1.3	76	170
SVOC	Benzo(b)fluoranthene	201-C08	Phase 1A	11	0.0028 - 4.4	0.46	76	170
SVOC	Benzo(b)fluoranthene	201-C09	Phase 1A	7	U (0.11)	0.051	76	170
SVOC	Benzo(b)fluoranthene	201-C10	Phase 1A	3	U (0.4) - 2.32	0.991	76	170
SVOC	Benzo(b)fluoranthene	201-D01	Phase 1A	4	U (0.42) - 1.56	0.44	76	170
SVOC	Benzo(b)fluoranthene	201-D05	Phase 1A	4	0.0081 - 1	2.4	76	170
SVOC	Benzo(b)fluoranthene	201-D12	Phase 1A	3	U (0.12)	0.057	76	170
SVOC	Benzo(b)fluoranthene	201-E01	Phase 1A	43	0.00068 - 0.21	0.047	76	170
SVOC	Benzo(b)fluoranthene	201-E02	Phase 1A	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	201-E03	Phase 1A	3	U (0.38)	0.077	76	170
SVOC	Benzo(b)fluoranthene	201-E04	Phase 1A	3	U (0.59) - 6.5	2.2	76	170
SVOC	Benzo(b)fluoranthene	201-E05	Phase 1A	22	U (0.33) - 0.24	0.062	76	170
SVOC	Benzo(b)fluoranthene	201-F01	Phase 1A	36	0.0379 - 1.18	0.15	76	170
SVOC	Benzo(b)fluoranthene	201-F02	Phase 1A	4	0.0054 - 0.02	0.056	76	170
SVOC	Benzo(b)fluoranthene	201-F03	Phase 1A	25	U (0.36) - 0.23	0.080	76	170
SVOC	Benzo(b)fluoranthene	201-F04	Phase 1A	21	U (0.36) - 0.15	0.028	76	170
SVOC	Benzo(b)fluoranthene	202-A03	Phase 1A	8	U (0.12) - 0.047	0.038	76	170
SVOC	Benzo(b)fluoranthene	202-A04	Phase 1A	4	0.064 - 0.57	0.21	76	170
SVOC	Benzo(b)fluoranthene	202-A05	Phase 1A	4	U (0.12) - 0.074	0.036	76	170
SVOC	Benzo(b)fluoranthene	202-A06	Phase 1A	4	U (0.12)	0.055	76	170
SVOC	Benzo(b)fluoranthene	202-A07	Phase 1A	3	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	202-A08	Phase 1A	3	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	202-A09	Phase 1A	6	U (0.12)	0.059	76	170
SVOC	Benzo(b)fluoranthene	202-B01	Phase 1A	2	0.089 - 0.19	0.14	76	170
SVOC	Benzo(b)fluoranthene	202-B02	Phase 1A	8	U (0.4)	0.12	76	170
SVOC	Benzo(b)fluoranthene	202-B03	Phase 1A	15	0.29 - 0.29	0.082	76	170
SVOC	Benzo(b)fluoranthene	202-B04	Phase 1A	3	U (0.52)	0.12	76	170
SVOC	Benzo(b)fluoranthene	202-B05	Phase 1A	4	U (0.039) - 0.057	0.034	76	170
SVOC	Benzo(b)fluoranthene	202-B09	Phase 1A	9	U (0.59)	0.13	76	170
SVOC	Benzo(b)fluoranthene	202-C04	Phase 1A	15	0.054 - 0.17	0.27	76	170
SVOC	Benzo(b)fluoranthene	202-C05	Phase 1A	10	0.063 - 0.47	0.21	76	170
SVOC	Benzo(b)fluoranthene	202-C06	Phase 1A	4	0.019 - 0.067	0.052	76	170
SVOC	Benzo(b)fluoranthene	202-C07	Phase 1A	8	U (0.39) - 0.047	0.10	76	170
SVOC	Benzo(b)fluoranthene	202-C08	Phase 1A	4	U (0.2) - 0.2	0.10	76	170
SVOC	Benzo(b)fluoranthene	202-C10	Phase 1A	1	U (0.38)	0.19	76	170
SVOC	Benzo(b)fluoranthene	202-D05	Phase 1A	5	U (0.36) - 0.88	0.23	76	170
SVOC	Benzo(b)fluoranthene	202-D06	Phase 1A	11	U (2) - 0.68	0.51	76	170
SVOC	Benzo(b)fluoranthene	202-E06	Phase 1A	2	0.077 - 0.077	0.064	76	170
SVOC	Benzo(b)fluoranthene	202-E08	Phase 1A	13	U (0.38) - 0.24	0.077	76	170
SVOC	Benzo(b)fluoranthene	202-E09	Phase 1A	16	U (0.41) - 0.46	0.10	76	170
SVOC	Benzo(b)fluoranthene	202-E10	Phase 1A	6	U (0.45) - 0.051	0.11	76	170
SVOC	Benzo(b)fluoranthene	202-E11	Phase 1A	2	U (0.41)	0.16	76	170
SVOC	Benzo(b)fluoranthene	202-E12	Phase 1A	4	U (0.42) - 0.075	0.098	76	170
SVOC	Benzo(b)fluoranthene	202-E13	Phase 1A	2	U (0.38)	0.15	76	170
SVOC	Benzo(b)fluoranthene	202-E15	Phase 1A	2	U (0.38)	0.19	76	170
SVOC	Benzo(b)fluoranthene	202-F01	Phase 1A	7	U (0.43)	0.18	76	170
SVOC	Benzo(b)fluoranthene	202-F04	Phase 1A	10	U (0.12) - 0.053	0.042	76	170
SVOC	Benzo(b)fluoranthene	202-F05	Phase 1A	2	U (0.11)	0.038	76	170

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(b)fluoranthene	202-F06	Phase 1A	2	0.15 - 0.15	0.18	76	170
SVOC	Benzo(b)fluoranthene	202-F07	Phase 1A	17	0.037 - 4.4	0.43	76	170
SVOC	Benzo(b)fluoranthene	202-F08	Phase 1A	4	U (0.12)	0.040	76	170
SVOC	Benzo(b)fluoranthene	202-F10	Phase 1A	2	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	202-F14	Phase 1A	2	U (0.038) - 0.0303	0.024	76	170
SVOC	Benzo(b)fluoranthene	202-F16	Phase 1A	4	U (0.4) - 0.68	0.25	76	170
SVOC	Benzo(b)fluoranthene	202-F17	Phase 1A	8	U (0.11)	0.054	76	170
SVOC	Benzo(b)fluoranthene	202-G01	Phase 1A	8	U (0.21) - 0.075	0.062	76	170
SVOC	Benzo(b)fluoranthene	202-G02	Phase 1A	14	U (2.4)	0.14	76	170
SVOC	Benzo(b)fluoranthene	202-G03	Phase 1A	9	U (0.11)	0.048	76	170
SVOC	Benzo(b)fluoranthene	202-G04	Phase 1A	3	U (0.2)	0.083	76	170
SVOC	Benzo(b)fluoranthene	202-G05	Phase 1A	6	U (0.41)	0.13	76	170
SVOC	Benzo(b)fluoranthene	202-G07	Phase 1A	16	U (0.12) - 0.036	0.054	76	170
SVOC	Benzo(b)fluoranthene	202-H03	Phase 1A	5	U (0.12)	0.059	76	170
SVOC	Benzo(b)fluoranthene	202-H05	Phase 1A	1	U (0.04)	0.020	76	170
SVOC	Benzo(b)fluoranthene	202-H06	Phase 1A	2	U (0.04) - 0.0544	0.037	76	170
SVOC	Benzo(b)fluoranthene	202-H07	Phase 1A	2	U (0.037)	0.018	76	170
SVOC	Benzo(b)fluoranthene	202-H08	Phase 1A	3	U (0.12)	0.053	76	170
SVOC	Benzo(b)fluoranthene	202-H11	Phase 1A	10	U (0.12) - 0.055	0.053	76	170
SVOC	Benzo(b)fluoranthene	202-I01	Phase 1A	2	U (0.12)	0.058	76	170
SVOC	Benzo(b)fluoranthene	202-I04	Phase 1A	4	U (0.11)	0.053	76	170
SVOC	Benzo(b)fluoranthene	202-J03	Phase 1A	7	U (1.2)	0.43	76	170
SVOC	Benzo(b)fluoranthene	202-J04	Phase 1A	8	U (1.2) - 0.13	0.21	76	170
SVOC	Benzo(b)fluoranthene	202-J05	Phase 1A	6	0.0048 - 0.13	0.054	76	170
SVOC	Benzo(b)fluoranthene	202-J07	Phase 1A	7	U (0.39) - 0.56	0.15	76	170
SVOC	Benzo(b)fluoranthene	202-J08	Phase 1A	1	0.71 - 0.71	0.71	76	170
SVOC	Benzo(b)fluoranthene	202-J09	Phase 1A	2	U (0.022) - 1.1	0.55	76	170
SVOC	Benzo(b)fluoranthene	301-AA01	Phase 1A	1	U (0.04)	0.020	76	170
SVOC	Benzo(b)fluoranthene	301-AA02	Phase 1B	2	U (0.039) - 0.0442	0.031	76	170
SVOC	Benzo(b)fluoranthene	301-AA05	Phase 1B	11	U (0.21) - 0.44	0.11	76	170
SVOC	Benzo(b)fluoranthene	301-AA06	Phase 1A	11	0.02 - 0.02	0.096	76	170
SVOC	Benzo(b)fluoranthene	301-AA07	Phase 1A	4	U (0.12) - 0.234	0.11	76	170
SVOC	Benzo(b)fluoranthene	301-AA08	Phase 1A	3	U (0.02) - 0.072	0.034	76	170
SVOC	Benzo(b)fluoranthene	301-AA09	Phase 1A	3	U (0.02) - 0.19	0.070	76	170
SVOC	Benzo(b)fluoranthene	301-AB04	Phase 1A	3	U (0.037)	0.018	76	170
SVOC	Benzo(b)fluoranthene	301-AB05	Phase 1B	6	0.053 - 0.0918	0.056	76	170
SVOC	Benzo(b)fluoranthene	301-AB06	Phase 1A	2	U (0.11)	0.055	76	170
SVOC	Benzo(b)fluoranthene	301-AB07	Phase 1A	1	0.31 - 0.31	0.31	76	170
SVOC	Benzo(b)fluoranthene	301-AB09	Phase 1A	2	U (0.876) - 11.4	5.7	76	170
SVOC	Benzo(b)fluoranthene	301-AC03	Phase 1B	2	0.58 - 0.718	0.65	76	170
SVOC	Benzo(b)fluoranthene	301-AC04	Phase 1A	25	U (0.57) - 9.6	0.80	76	170
SVOC	Benzo(b)fluoranthene	301-AC07	Phase 1A	10	U (0.56) - 0.98	0.26	76	170
SVOC	Benzo(b)fluoranthene	301-AC08	Phase 1A	7	0.11 - 0.28	0.19	76	170
SVOC	Benzo(b)fluoranthene	301-AC09	Phase 1A	6	0.0021 - 0.0021	0.0063	76	170
SVOC	Benzo(b)fluoranthene	301-B01	Phase 1A	1	U (0.018)	0.0090	76	170
SVOC	Benzo(b)fluoranthene	301-C01	Phase 1A	3	U (0.022) - 2.1	0.71	76	170
SVOC	Benzo(b)fluoranthene	301-C02	Phase 1A	7	U (0.39) - 0.028	0.039	76	170
SVOC	Benzo(b)fluoranthene	301-D01	Phase 1A	13	0.042 - 2.2	0.33	76	170
SVOC	Benzo(b)fluoranthene	301-E02	Phase 1A	14	U (0.35) - 0.24	0.056	76	170
SVOC	Benzo(b)fluoranthene	301-E03	Phase 1A	4	U (0.021) - 0.068	0.029	76	170
SVOC	Benzo(b)fluoranthene	301-G01	Phase 1A	2	0.0057 - 0.0096	0.0077	76	170
SVOC	Benzo(b)fluoranthene	301-G02	Phase 1A	3	0.027 - 0.63	0.28	76	170
SVOC	Benzo(b)fluoranthene	301-G03	Phase 1A	1	0.044 - 0.044	0.044	76	170
SVOC	Benzo(b)fluoranthene	301-H02	Phase 1A	3	0.0028 - 0.13	0.081	76	170
SVOC	Benzo(b)fluoranthene	301-H03	Phase 1A	2	0.0026 - 0.003	0.0028	76	170
SVOC	Benzo(b)fluoranthene	301-L01	Phase 1C	7	0.043 - 4.3	0.65	76	170
SVOC	Benzo(b)fluoranthene	301-N02	Phase 1A	3	0.0077 - 2	0.67	76	170
SVOC	Benzo(b)fluoranthene	301-P02	Phase 1A	2	0.131 - 0.877	0.50	76	170
SVOC	Benzo(b)fluoranthene	301-Q04	Phase 1A	6	U (0.4) - 3.1	0.64	76	170
SVOC	Benzo(b)fluoranthene	301-R02	Phase 1A	6	U (0.087) - 0.34	0.076	76	170
SVOC	Benzo(b)fluoranthene	301-S02	Phase 1A	4	U (0.088)	0.018	76	170
SVOC	Benzo(b)fluoranthene	301-S03	Phase 1A	1	0.088 - 0.088	0.088	76	170
SVOC	Benzo(b)fluoranthene	301-T01	Phase 1B	5	U (5.3) - 8.1	2.4	76	170
SVOC	Benzo(b)fluoranthene	301-T02	Phase 1B	2	U (1.9) - 1.3	0.69	76	170
SVOC	Benzo(b)fluoranthene	301-T03	Phase 1C	2	U (0.09)	0.045	76	170
SVOC	Benzo(b)fluoranthene	301-T04	Phase 1A	2	U (0.09)	0.027	76	170
SVOC	Benzo(b)fluoranthene	301-U01	Phase 1B	2	U (0.19) - 1.7	0.86	76	170
SVOC	Benzo(b)fluoranthene	301-U03	Phase 1B	1	U (0.17)	0.085	76	170
SVOC	Benzo(b)fluoranthene	301-V01	Phase 1B	7	U (0.041) - 0.0686	0.027	76	170
SVOC	Benzo(b)fluoranthene	301-V02	Phase 1B	19	0.0014 - 4.7	0.43	76	170
SVOC	Benzo(b)fluoranthene	301-V04	Phase 1A	29	U (0.12) - 0.21	0.044	76	170
SVOC	Benzo(b)fluoranthene	301-W01	Phase 1B	24	U (0.13) - 0.49	0.064	76	170
SVOC	Benzo(b)fluoranthene	301-W03	Phase 1A	4	U (0.017) - 0.00088	0.0066	76	170
SVOC	Benzo(b)fluoranthene	301-X01	Phase 1B	11	0.0011 - 0.897	0.23	76	170
SVOC	Benzo(b)fluoranthene	301-X03	Phase 1A	3	0.057 - 0.057	0.025	76	170
SVOC	Benzo(b)fluoranthene	301-Y01	Phase 1B	10	U (0.36) - 0.33	0.084	76	170
SVOC	Benzo(b)fluoranthene	301-Y02	Phase 1B	4	U (0.17) - 0.46	0.14	76	170
SVOC	Benzo(b)fluoranthene	301-Y03	Phase 1A	2	U (0.04) - 0.0884	0.054	76	170
SVOC	Benzo(b)fluoranthene	301-Y04	Phase 1A	3	U (0.02) - 0.043	0.021	76	170
SVOC	Benzo(b)fluoranthene	301-Y05	Phase 1A	6	U (0.12) - 0.023	0.036	76	170
SVOC	Benzo(b)fluoranthene	301-Z01	Phase 1B	6	U (0.039) - 0.0192	0.019	76	170
SVOC	Benzo(b)fluoranthene	301-Z02	Phase 1B	2	U (0.18) - 0.34	0.18	76	170
SVOC	Benzo(b)fluoranthene	301-Z03	Phase 1B	5	0.017 - 0.2	0.077	76	170

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(b)fluoranthene	301-Z04	Phase 1A	14	U (0.57) - 0.2	0.094	76	170
SVOC	Benzo(b)fluoranthene	302-AD02	Phase 1C	2	U (0.19)	0.057	76	170
SVOC	Benzo(b)fluoranthene	302-AD06	Phase 1B	12	U (0.14) - 0.34	0.16	76	170
SVOC	Benzo(b)fluoranthene	302-AD07	Phase 1B	2	0.18 - 0.18	0.12	76	170
SVOC	Benzo(b)fluoranthene	302-AD08	Phase 1A	2	U (0.1)	0.050	76	170
SVOC	Benzo(b)fluoranthene	302-AD09	Phase 1A	3	U (0.1) - 0.0177	0.029	76	170
SVOC	Benzo(b)fluoranthene	302-AD10	Phase 1A	4	U (0.6) - 2.1	0.68	76	170
SVOC	Benzo(b)fluoranthene	302-AE03	Phase 1B	4	U (0.18) - 0.036	0.040	76	170
SVOC	Benzo(b)fluoranthene	302-AE04	Phase 1B	8	U (0.56) - 0.18	0.064	76	170
SVOC	Benzo(b)fluoranthene	302-AE05	Phase 1B	20	0.037 - 0.52	0.094	76	170
SVOC	Benzo(b)fluoranthene	302-AE07	Phase 1B	3	U (0.11) - 0.409	0.17	76	170
SVOC	Benzo(b)fluoranthene	302-AE08	Phase 1B	3	0.00078 - 0.00078	0.039	76	170
SVOC	Benzo(b)fluoranthene	302-AE09	Phase 1A	4	U (0.12)	0.046	76	170
SVOC	Benzo(b)fluoranthene	302-AF04	Phase 1B	22	U (0.11) - 0.045	0.034	76	170
SVOC	Benzo(b)fluoranthene	302-AF05	Phase 1B	2	U (0.041) - 0.306	0.16	76	170
SVOC	Benzo(b)fluoranthene	302-AF06	Phase 1A	8	0.061 - 0.57	0.17	76	170
SVOC	Benzo(b)fluoranthene	302-AF09	Phase 1B	5	U (0.04)	0.019	76	170
SVOC	Benzo(b)fluoranthene	302-AG04	Phase 1B	9	U (0.11) - 0.048	0.027	76	170
SVOC	Benzo(b)fluoranthene	302-AG06	Phase 1B	5	U (0.041)	0.019	76	170
SVOC	Benzo(b)fluoranthene	302-AG07	Phase 1A	14	U (0.12) - 0.1	0.041	76	170
SVOC	Benzo(b)fluoranthene	302-AG08	Phase 1B	6	0.066 - 2.1	0.52	76	170
SVOC	Benzo(b)fluoranthene	302-AH01	Phase 1C	2	U (0.19) - 0.29	0.15	76	170
SVOC	Benzo(b)fluoranthene	302-AH05	Phase 1B	11	0.043 - 0.79	0.26	76	170
SVOC	Benzo(b)fluoranthene	302-AH06	Phase 1B	4	U (0.0415) - 0.0964	0.039	76	170
SVOC	Benzo(b)fluoranthene	302-AH07	Phase 1B	21	U (0.37) - 0.64	0.11	76	170
SVOC	Benzo(b)fluoranthene	302-AH08	Phase 1B	13	U (0.041) - 0.87	0.22	76	170
SVOC	Benzo(b)fluoranthene	302-AI01	Phase 1C	2	U (0.04) - 0.354	0.19	76	170
SVOC	Benzo(b)fluoranthene	302-AI05	Phase 1B	11	U (0.12) - 0.87	0.16	76	170
SVOC	Benzo(b)fluoranthene	302-AI06	Phase 1B	19	U (0.13) - 2.9	0.36	76	170
SVOC	Benzo(b)fluoranthene	302-AI07	Phase 1B	10	U (0.375) - 0.62	0.17	76	170
SVOC	Benzo(b)fluoranthene	302-AI08	Phase 1B	2	U (0.38)	0.11	76	170
SVOC	Benzo(b)fluoranthene	302-AI09	Phase 1B	3	U (0.041) - 0.225	0.088	76	170
SVOC	Benzo(b)fluoranthene	302-AJ05	Phase 1B	2	U (0.12) - 0.056	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AJ06	Phase 1B	5	0.1 - 0.34	0.12	76	170
SVOC	Benzo(b)fluoranthene	302-AJ09	Phase 1A	13	U (57) - 4.4	3.8	76	170
SVOC	Benzo(b)fluoranthene	302-AK05	Phase 1B	5	0.0446 - 1.2	0.31	76	170
SVOC	Benzo(b)fluoranthene	302-AK06	Phase 1A	3	U (0.42) - 2	1.3	76	170
SVOC	Benzo(b)fluoranthene	302-AK07	Phase 1B	13	U (0.0426) - 3.2	0.63	76	170
SVOC	Benzo(b)fluoranthene	302-AL01	Phase 1C	2	0.31 - 0.31	0.16	76	170
SVOC	Benzo(b)fluoranthene	302-AL03	Phase 1B	2	U (0.092) - 0.118	0.082	76	170
SVOC	Benzo(b)fluoranthene	302-AL05	Phase 1B	13	U (0.42) - 3.9	0.99	76	170
SVOC	Benzo(b)fluoranthene	302-AL06	Phase 1A	13	U (0.37) - 3.8	1.0	76	170
SVOC	Benzo(b)fluoranthene	302-AL08	Phase 1B	2	U (0.041)	0.019	76	170
SVOC	Benzo(b)fluoranthene	302-AN01	Phase 1B	2	U (0.035) - 0.0992	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AN02	Phase 1A	2	U (0.198)	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AO03	Phase 1A	2	U (0.0418)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AP02	Phase 1B	2	U (0.042) - 0.598	0.31	76	170
SVOC	Benzo(b)fluoranthene	302-AP03	Phase 1B	23	U (0.4) - 0.189	0.068	76	170
SVOC	Benzo(b)fluoranthene	302-AP04	Phase 1B	2	U (0.039) - 0.106	0.063	76	170
SVOC	Benzo(b)fluoranthene	302-AP05	Phase 1B	2	U (0.035)	0.017	76	170
SVOC	Benzo(b)fluoranthene	302-AQ01	Phase 1B	2	0.47 - 1.9	1.2	76	170
SVOC	Benzo(b)fluoranthene	302-AQ02	Phase 1A	7	U (1.1)	0.13	76	170
SVOC	Benzo(b)fluoranthene	302-AQ04	Phase 1B	2	U (0.11) - 0.13	0.093	76	170
SVOC	Benzo(b)fluoranthene	302-AR01	Phase 1B	2	0.32 - 11	5.7	76	170
SVOC	Benzo(b)fluoranthene	302-AR02	Phase 1A	4	U (0.12)	0.055	76	170
SVOC	Benzo(b)fluoranthene	302-AR04	Phase 1B	3	U (0.12) - 0.15	0.082	76	170
SVOC	Benzo(b)fluoranthene	302-AS03	Phase 1A	13	U (0.12) - 0.0491	0.046	76	170
SVOC	Benzo(b)fluoranthene	302-AS04	Phase 1B	2	U (0.0419)	0.021	76	170
SVOC	Benzo(b)fluoranthene	302-AT02	Phase 1B	2	0.218 - 13.8	7.0	76	170
SVOC	Benzo(b)fluoranthene	302-AT03	Phase 1B	4	U (0.039) - 0.0326	0.023	76	170
SVOC	Benzo(b)fluoranthene	302-AU01	Phase 1B	4	0.16 - 1.2	0.44	76	170
SVOC	Benzo(b)fluoranthene	302-AU02	Phase 1B	8	U (4)	0.30	76	170
SVOC	Benzo(b)fluoranthene	302-AU03	Phase 1B	2	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	302-AV01	Phase 1A	10	0.158 - 2.6	1.2	76	170
SVOC	Benzo(b)fluoranthene	302-AV02	Phase 1B	4	U (0.59)	0.12	76	170
SVOC	Benzo(b)fluoranthene	302-AV03	Phase 1A	6	U (0.12)	0.059	76	170
SVOC	Benzo(b)fluoranthene	302-AV04	Phase 1B	2	U (0.0415)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AW01	Phase 1A	8	0.43 - 14	2.5	76	170
SVOC	Benzo(b)fluoranthene	302-AW02	Phase 1B	2	U (1.9) - 2	1.0	76	170
SVOC	Benzo(b)fluoranthene	302-AW03	Phase 1A	2	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	302-AX01	Phase 1A	11	U (13) - 32	4.4	76	170
SVOC	Benzo(b)fluoranthene	302-AX02	Phase 1B	3	U (0.038)	0.018	76	170
SVOC	Benzo(b)fluoranthene	302-AX05	Phase 1A	2	U (0.0414)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AY02	Phase 1B	13	0.0646 - 8.6	3.4	76	170
SVOC	Benzo(b)fluoranthene	302-AY03	Phase 1B	2	0.102 - 0.126	0.11	76	170
SVOC	Benzo(b)fluoranthene	302-AY05	Phase 1B	2	U (0.19)	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AZ02	Phase 1B	8	0.593 - 5.5	6.3	76	170
SVOC	Benzo(b)fluoranthene	302-AZ03	Phase 1B	1	0.48 - 0.48	0.48	76	170
SVOC	Benzo(b)fluoranthene	302-AZ05	Phase 1A	2	U (0.41)	0.13	76	170
SVOC	Benzo(b)fluoranthene	302-BA03	Phase 1B	3	U (0.19)	0.095	76	170
SVOC	Benzo(b)fluoranthene	302-BA05	Phase 1A	2	U (0.218)	0.064	76	170
SVOC	Benzo(b)fluoranthene	302-BB07	Phase 1B	9	U (0.12) - 0.45	0.089	76	170
SVOC	Benzo(b)fluoranthene	302-BB08	Phase 1B	1	0.7 - 0.7	0.70	76	170

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(b)fluoranthene	302-BC05	Phase 1A	7	U (0.039)	0.0068	76	170
SVOC	Benzo(b)fluoranthene	302-BC06	Phase 1B	8	U (0.23)	0.067	76	170
SVOC	Benzo(b)fluoranthene	302-BD05	Phase 1A	4	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	302-BE04	Phase 1A	5	U (0.19) - 0.055	0.055	76	170
SVOC	Benzo(b)fluoranthene	303-AY01	Phase 1A	4	0.17 - 2	0.82	76	170
SVOC	Benzo(b)fluoranthene	303-AZ01	Phase 1A	5	0.8 - 3	2.0	76	170
SVOC	Benzo(b)fluoranthene	303-BA01	Phase 1A	8	0.109 - 4.8	1.0	76	170
SVOC	Benzo(b)fluoranthene	303-BA02	Phase 1A	10	0.184 - 2.7	2.5	76	170
SVOC	Benzo(b)fluoranthene	303-BB01	Phase 1A	2	1.4 - 2.6	2.0	76	170
SVOC	Benzo(b)fluoranthene	303-BB02	Phase 1A	5	0.032 - 91.7	24	76	170
SVOC	Benzo(b)fluoranthene	303-BC01	Phase 1A	4	U (0.038) - 0.346	0.18	76	170
SVOC	Benzo(b)fluoranthene	303-BD04	Phase 1A	8	0.27 - 4.5	1.8	76	170
SVOC	Benzo(b)fluoranthene	303-BE03	Phase 1A	44	0.12 - 8.6	1.7	76	170
SVOC	Benzo(b)fluoranthene	303-BF05	Phase 1A	13	0.47 - 2.3	1.0	76	170
SVOC	Benzo(b)fluoranthene	303-BG04	Phase 1A	27	0.13 - 3.5	1.5	76	170
SVOC	Benzo(b)fluoranthene	303-BH02	Phase 1A	20	0.24 - 56	5.4	76	170
SVOC	Benzo(b)fluoranthene	303-BI03	Phase 1A	6	0.77 - 4.4	2.0	76	170
SVOC	Benzo(b)fluoranthene	303-BJ01	Phase 1A	3	3.6 - 3.9	3.7	76	170
SVOC	Benzo(b)fluoranthene	303-BJ02	Phase 1A	3	0.0894 - 1.2	0.52	76	170
SVOC	Benzo(b)fluoranthene	303-BK03	Phase 1A	7	0.36 - 3.4	1.4	76	170
SVOC	Benzo(b)fluoranthene	303-BL02	Phase 1A	10	0.035 - 1.1	0.56	76	170
SVOC	Benzo(b)fluoranthene	303-BM02	Phase 1A	2	0.033 - 9.32	4.7	76	170
SVOC	Benzo(b)fluoranthene	303-BN02	Phase 1A	15	0.0591 - 13.6	1.7	76	170
SVOC	Benzo(b)fluoranthene	303-BN03	Phase 1A	14	0.042 - 3.6	0.89	76	170
SVOC	Benzo(b)fluoranthene	303-BO02	Phase 1A	9	0.016 - 1.7	0.64	76	170
SVOC	Benzo(b)fluoranthene	303-BO02	Phase 1A	32	0.014 - 11.3	1.5	76	170
SVOC	Benzo(b)fluoranthene	303-BQ01	Phase 1A	4	0.376 - 1.5	0.66	76	170
SVOC	Benzo(b)fluoranthene	303-BQ02	Phase 1A	15	0.007 - 8.7	1.2	76	170
SVOC	Benzo(b)fluoranthene	303-BR02	Phase 1A	8	0.328 - 8.1	1.8	76	170
SVOC	Benzo(b)fluoranthene	303-BT01	Phase 1A	13	0.025 - 0.56	0.13	76	170
SVOC	Benzo(b)fluoranthene	303-BW01	Phase 1A	2	0.122 - 0.68	0.40	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 3.11	1.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.5	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-04	Innovation Campus, Parcel B	3	U (1.89)	0.47	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-06	Innovation Campus, Parcel B	2	U (7.53)	1.9	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2)	1.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-13	Innovation Campus, Parcel B	2	2.5 - 6.3	4.4	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-14	Innovation Campus, Parcel B	3	0.596 - 0.596	0.97	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-15	Innovation Campus, Parcel B	2	3.04 - 3.04	1.5	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-19	Innovation Campus, Parcel B	1	U (1)	0.50	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-20	Innovation Campus, Parcel B	3	U (9.7)	2.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-21	Innovation Campus, Parcel B	3	0.287 - 50.1	23	76	170
SVOC	Benzo(b)fluoranthene	101-D20-C	Innovation Campus	20	U (0.929) - 8.1	0.88	76	170
SVOC	Benzo(b)fluoranthene	101-G24-C	Innovation Campus	2	U (0.445) - 0.465	0.24	76	170
SVOC	Benzo(b)fluoranthene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	76	170
SVOC	Benzo(b)fluoranthene	101-H24-C	Innovation Campus	2	0.184 - 0.724	0.45	76	170
SVOC	Benzo(b)fluoranthene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	76	170
SVOC	Benzo(b)fluoranthene	101-I25-C	Innovation Campus	2	0.0761 - 1.87	0.97	76	170
SVOC	Benzo(b)fluoranthene	101-J23-C	Innovation Campus	2	U (0.036) - 0.463	0.24	76	170
SVOC	Benzo(b)fluoranthene	101-L31-C	Innovation Campus	2	0.0591 - 0.747	0.40	76	170
SVOC	Benzo(b)fluoranthene	101-U37-C	Innovation Campus	5	U (7.36) - 0.639	0.97	76	170
SVOC	Benzo(b)fluoranthene	102-E08-C	Innovation Campus	3	U (1.89)	0.47	76	170
SVOC	Benzo(b)fluoranthene	102-G23-C	Innovation Campus	2	0.0368 - 0.0368	5.1	76	170
SVOC	Benzo(b)fluoranthene	103-A10-C	Innovation Campus	6	U (8.73)	1.8	76	170
SVOC	Benzo(b)fluoranthene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	76	170
SVOC	Benzo(b)fluoranthene	103-A14-S	Innovation Campus	1	U (5.2)	2.6	76	170
SVOC	Benzo(b)fluoranthene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	76	170
SVOC	Benzo(b)fluoranthene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	76	170
SVOC	Benzo(b)fluoranthene	103-H01-C	Innovation Campus	2	2.5 - 6.3	4.4	76	170
SVOC	Benzo(b)fluoranthene	104-K10-C	Innovation Campus	2	0.596 - 0.596	0.31	76	170
SVOC	Benzo(b)fluoranthene	LS-A-A01	Innovation Campus	1	12 - 12	12	76	170
SVOC	Benzo(b)fluoranthene	LS-A-A02	Innovation Campus	2	0.0897 - 1.2	0.64	76	170
SVOC	Benzo(b)fluoranthene	LS-A-A03	Innovation Campus	1	3.07 - 3.07	3.1	76	170
SVOC	Benzo(b)fluoranthene	LS-A-A04	Innovation Campus	3	1.2 - 5.4	2.9	76	170
SVOC	Benzo(b)fluoranthene	LS-A-B02	Innovation Campus	14	U (1.9) - 3.9	0.71	76	170
SVOC	Benzo(b)fluoranthene	LS-A-B03	Innovation Campus	4	U (0.211) - 0.348	0.12	76	170
SVOC	Benzo(b)fluoranthene	LS-A-C01	Innovation Campus	35	U (19) - 170	11	76	170
SVOC	Benzo(b)fluoranthene	LS-A-C02	Innovation Campus	14	U (19) - 16	3.5	76	170
SVOC	Benzo(b)fluoranthene	LS-A-C04	Innovation Campus	3	U (0.2)	0.046	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D01	Innovation Campus	5	0.667 - 0.667	0.82	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D02	Innovation Campus	1	3.3 - 3.3	3.3	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D05	Innovation Campus	6	0.288 - 0.434	0.35	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D06	Innovation Campus	2	U (0.202)	0.060	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D07	Innovation Campus	2	U (3.68)	0.97	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E01	Innovation Campus	3	U (1.84)	0.53	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E03	Innovation Campus	1	0.94 - 0.94	0.94	76	170

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(b)fluoranthene	LS-A-E04	Innovation Campus	2	U (4.46)	1.1	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E07	Innovation Campus	1	0.21 - 0.21	0.21	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	76	170
SVOC	Benzo(b)fluoranthene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	76	170
SVOC	Benzo(b)fluoranthene	LS-A-F02	Innovation Campus	3	U (9.7)	2.6	76	170
SVOC	Benzo(b)fluoranthene	LS-A-F03	Innovation Campus	1	1.1 - 1.1	1.1	76	170
SVOC	Benzo(b)fluoranthene	LS-A-F04	Innovation Campus	12	U (0.94)	0.15	76	170
SVOC	Benzo(b)fluoranthene	LS-A-F05	Innovation Campus	1	44 - 44	44	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G01	Innovation Campus	3	U (1) - 0.658	0.42	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G03	Innovation Campus	3	3.04 - 3.04	1.8	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G07	Innovation Campus	3	0.287 - 50.1	23	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G08	Innovation Campus	2	3.67 - 6.25	5.0	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H03	Innovation Campus	2	U (0.195) - 0.444	0.23	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H04	Innovation Campus	2	U (2.02)	0.55	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H07	Innovation Campus	2	0.0913 - 0.0913	0.53	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I01	Innovation Campus	6	U (8.23)	2.5	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I02	Innovation Campus	1	U (5)	2.5	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.36	1.3	76	170
SVOC	Benzo(b)fluoranthene	LS-B-B01	Innovation Campus	1	0.0073 - 0.0073	0.0073	76	170
SVOC	Benzo(b)fluoranthene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.32	0.12	76	170
SVOC	Benzo(b)fluoranthene	LS-B-E01	Innovation Campus	4	0.0487 - 0.0487	0.55	76	170
SVOC	Benzo(b)fluoranthene	LS-B-G02	Innovation Campus	1	14 - 14	14	76	170
SVOC	Benzo(b)fluoranthene	LS-B-H02	Innovation Campus	3	U (1) - 3.3	1.1	76	170
SVOC	Benzo(b)fluoranthene	LS-E-B01	Innovation Campus	99	0.0052 - 170	11	76	170
SVOC	Benzo(b)fluoranthene	LS-E-G01	Innovation Campus	4	1.02 - 1.6	1.0	76	170
SVOC	Benzo(g,h,i)perylene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.179 - 0.179	0.077	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.45) - 2.1	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.00069 - 0.1	0.025	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.037 - 1.3	0.21	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17) - 0.16	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.0916 - 0.132	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-18	Major Amendment 3 Resampling	1	0.66 - 0.66	0.66	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0422 - 0.0456	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021)	0.0092	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.17)	0.051	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.094)	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.019 - 0.019	0.014	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.19) - 0.468	0.23	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.15	0.098	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.133 - 0.26	0.073	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 1.1	0.40	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.02 - 0.02	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.13 - 0.13	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.022 - 0.9	0.25	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.11 - 0.11	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.023 - 5	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.52) - 21	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019)	0.0088	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-68	Major Amendment 3 Resampling	1	2.6 - 2.6	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-70	Major Amendment 3 Resampling	3	0.11 - 0.2	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-72	Major Amendment 3 Resampling	4	0.17 - 1.4	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.059 - 6.6	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-01	Major Amendment 3 Resampling	13	U (0.41) - 0.025	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-04	Major Amendment 3 Resampling	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.146 - 0.38	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (1.9) - 7.4	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.325 - 4	1.7	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.033 - 12.7	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 1.1	0.67	190000	180
SVOC	Benzo(g,h,i)perylene	401-A01	Major Amendment 3	4	0.179 - 0.179	0.077	190000	180
SVOC	Benzo(g,h,i)perylene	401-E02	Major Amendment 3	24	U (0.45) - 2.1	0.22	190000	180
SVOC	Benzo(g,h,i)perylene	401-F01	Major Amendment 3	8	0.037 - 1.3	0.21	190000	180
SVOC	Benzo(g,h,i)perylene	401-G01	Major Amendment 3	3	U (0.17) - 0.16	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	401-H01	Major Amendment 3	3	0.0916 - 0.132	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-I01	Major Amendment 3	1	0.66 - 0.66	0.66	190000	180
SVOC	Benzo(g,h,i)perylene	401-J01	Major Amendment 3	3	0.0422 - 0.0456	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	401-K01	Major Amendment 3	5	U (0.021)	0.0092	190000	180
SVOC	Benzo(g,h,i)perylene	401-L01	Major Amendment 3	2	U (0.17)	0.051	190000	180
SVOC	Benzo(g,h,i)perylene	401-L02	Major Amendment 3	6	U (0.094) - 0.2	0.065	190000	180
SVOC	Benzo(g,h,i)perylene	401-N01	Major Amendment 3	2	0.019 - 0.019	0.014	190000	180
SVOC	Benzo(g,h,i)perylene	401-O01	Major Amendment 3	1	U (0.033)	0.017	190000	180
SVOC	Benzo(g,h,i)perylene	401-P01	Major Amendment 3	5	U (0.19) - 0.468	0.23	190000	180
SVOC	Benzo(g,h,i)perylene	401-Q01	Major Amendment 3	33	0.01 - 106	6.5	190000	180
SVOC	Benzo(g,h,i)perylene	401-R01	Major Amendment 3	4	0.17 - 1.4	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	402-A01	Major Amendment 3	41	0.044 - 2.1	0.57	190000	180
SVOC	Benzo(g,h,i)perylene	402-B01	Major Amendment 3	56	0.03 - 16	1.4	190000	180

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(g,h,i)perylene	402-C01	Major Amendment 3	3	0.024 - 1.4	0.81	190000	180
SVOC	Benzo(g,h,i)perylene	403-A01	Major Amendment 3	2	U (0.19)	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	403-B01	Major Amendment 3	13	U (0.41) - 0.025	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-C01	Major Amendment 3	8	U (1.4) - 0.994	0.17	190000	180
SVOC	Benzo(g,h,i)perylene	403-C02	Major Amendment 3	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-E01	Major Amendment 3	1	U (0.039)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	403-F01	Major Amendment 3	7	0.0393 - 0.2	0.069	190000	180
SVOC	Benzo(g,h,i)perylene	403-G01	Major Amendment 3	2	U (0.18)	0.054	190000	180
SVOC	Benzo(g,h,i)perylene	404-A01	Major Amendment 3	19	0.0411 - 5.72	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	404-B01	Major Amendment 3	24	0.112 - 10.7	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	404-B02	Major Amendment 3	6	U (2) - 1.1	0.67	190000	180
SVOC	Benzo(g,h,i)perylene	404-C01	Major Amendment 3	3	U (2) - 2.6	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	404-D01	Major Amendment 3	6	0.0456 - 1.95	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	404-E01	Major Amendment 3	30	0.0315 - 7.85	1.5	190000	180
SVOC	Benzo(g,h,i)perylene	404-F01	Major Amendment 3	22	0.107 - 40.4	6.2	190000	180
SVOC	Benzo(g,h,i)perylene	201-A01	Phase 1A	7	U (0.16) - 0.23	0.084	190000	180
SVOC	Benzo(g,h,i)perylene	201-A02	Phase 1A	14	0.023 - 2.1	0.33	190000	180
SVOC	Benzo(g,h,i)perylene	201-A03	Phase 1A	7	U (0.16) - 0.028	0.062	190000	180
SVOC	Benzo(g,h,i)perylene	201-A04	Phase 1A	29	U (3.4) - 4.8	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	201-A05	Phase 1A	9	U (0.41) - 0.083	0.048	190000	180
SVOC	Benzo(g,h,i)perylene	201-A06	Phase 1A	7	U (0.32) - 0.052	0.066	190000	180
SVOC	Benzo(g,h,i)perylene	201-A07	Phase 1A	9	U (0.39) - 0.016	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	201-A08	Phase 1A	7	U (0.038) - 0.22	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	201-A09	Phase 1A	7	U (2.1) - 0.0072	0.17	190000	180
SVOC	Benzo(g,h,i)perylene	201-A10	Phase 1A	3	U (0.039) - 0.46	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	201-A11	Phase 1A	4	U (0.17)	0.024	190000	180
SVOC	Benzo(g,h,i)perylene	201-A12	Phase 1A	6	0.0013 - 0.12	0.038	190000	180
SVOC	Benzo(g,h,i)perylene	201-A13	Phase 1A	4	U (0.041) - 0.13	0.065	190000	180
SVOC	Benzo(g,h,i)perylene	201-A14	Phase 1A	9	0.0019 - 0.59	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	201-B02	Phase 1A	2	0.0031 - 0.011	0.0071	190000	180
SVOC	Benzo(g,h,i)perylene	201-B04	Phase 1A	3	U (0.0025) - 0.0035	0.0020	190000	180
SVOC	Benzo(g,h,i)perylene	201-B05	Phase 1A	3	U (0.17) - 0.12	0.098	190000	180
SVOC	Benzo(g,h,i)perylene	201-B08	Phase 1A	4	U (0.0025) - 0.03	0.014	190000	180
SVOC	Benzo(g,h,i)perylene	201-C01	Phase 1A	14	U (1.6) - 0.17	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	201-C04	Phase 1A	11	U (1.6)	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	201-C05	Phase 1A	3	0.4 - 1.3	0.57	190000	180
SVOC	Benzo(g,h,i)perylene	201-C07	Phase 1A	8	0.056 - 3.5	0.80	190000	180
SVOC	Benzo(g,h,i)perylene	201-C08	Phase 1A	11	0.16 - 1.8	0.22	190000	180
SVOC	Benzo(g,h,i)perylene	201-C09	Phase 1A	7	U (0.14)	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	201-C10	Phase 1A	3	U (0.4) - 1.11	0.50	190000	180
SVOC	Benzo(g,h,i)perylene	201-D01	Phase 1A	4	U (0.42) - 0.317	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	201-D05	Phase 1A	4	0.0031 - 0.0031	2.4	190000	180
SVOC	Benzo(g,h,i)perylene	201-D12	Phase 1A	3	U (0.16)	0.075	190000	180
SVOC	Benzo(g,h,i)perylene	201-E01	Phase 1A	43	0.00079 - 0.21	0.047	190000	180
SVOC	Benzo(g,h,i)perylene	201-E02	Phase 1A	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	201-E03	Phase 1A	3	U (0.38) - 0.076	0.090	190000	180
SVOC	Benzo(g,h,i)perylene	201-E04	Phase 1A	3	U (0.59) - 4.9	1.8	190000	180
SVOC	Benzo(g,h,i)perylene	201-E05	Phase 1A	22	U (0.33) - 0.14	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	201-F01	Phase 1A	36	0.0288 - 0.692	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	201-F02	Phase 1A	4	U (0.4)	0.097	190000	180
SVOC	Benzo(g,h,i)perylene	201-F03	Phase 1A	25	U (0.36) - 0.19	0.076	190000	180
SVOC	Benzo(g,h,i)perylene	201-F04	Phase 1A	21	U (0.41) - 0.087	0.066	190000	180
SVOC	Benzo(g,h,i)perylene	202-A03	Phase 1A	8	U (0.16) - 0.035	0.038	190000	180
SVOC	Benzo(g,h,i)perylene	202-A04	Phase 1A	4	U (0.41) - 0.38	0.17	190000	180
SVOC	Benzo(g,h,i)perylene	202-A05	Phase 1A	4	U (0.16) - 0.038	0.032	190000	180
SVOC	Benzo(g,h,i)perylene	202-A06	Phase 1A	4	U (0.15)	0.074	190000	180
SVOC	Benzo(g,h,i)perylene	202-A07	Phase 1A	3	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	202-A08	Phase 1A	3	U (0.16)	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	202-A09	Phase 1A	6	U (0.16)	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	202-B01	Phase 1A	2	0.062 - 0.088	0.075	190000	180
SVOC	Benzo(g,h,i)perylene	202-B02	Phase 1A	8	U (0.4)	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	202-B03	Phase 1A	15	0.14 - 0.14	0.095	190000	180
SVOC	Benzo(g,h,i)perylene	202-B04	Phase 1A	3	U (0.7)	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	202-B05	Phase 1A	4	U (0.039) - 0.078	0.055	190000	180
SVOC	Benzo(g,h,i)perylene	202-B09	Phase 1A	9	U (0.79)	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	202-C04	Phase 1A	15	0.043 - 0.19	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	202-C05	Phase 1A	10	0.031 - 0.26	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	202-C06	Phase 1A	4	0.053 - 0.12	0.065	190000	180
SVOC	Benzo(g,h,i)perylene	202-C07	Phase 1A	8	U (0.39)	0.098	190000	180
SVOC	Benzo(g,h,i)perylene	202-C08	Phase 1A	4	U (0.2) - 0.1	0.079	190000	180
SVOC	Benzo(g,h,i)perylene	202-C10	Phase 1A	1	U (0.38)	0.19	190000	180
SVOC	Benzo(g,h,i)perylene	202-D05	Phase 1A	5	U (0.36) - 0.1	0.092	190000	180
SVOC	Benzo(g,h,i)perylene	202-D06	Phase 1A	11	U (2)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	202-E06	Phase 1A	2	0.032 - 0.032	0.051	190000	180
SVOC	Benzo(g,h,i)perylene	202-E08	Phase 1A	13	U (0.38)	0.085	190000	180
SVOC	Benzo(g,h,i)perylene	202-E09	Phase 1A	16	U (0.41) - 0.26	0.097	190000	180
SVOC	Benzo(g,h,i)perylene	202-E10	Phase 1A	6	U (0.45)	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	202-E11	Phase 1A	2	U (0.41)	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	202-E12	Phase 1A	4	U (0.42) - 0.046	0.099	190000	180
SVOC	Benzo(g,h,i)perylene	202-E13	Phase 1A	2	U (0.38)	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	202-E15	Phase 1A	2	U (0.38)	0.19	190000	180
SVOC	Benzo(g,h,i)perylene	202-F01	Phase 1A	7	U (0.43)	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	202-F04	Phase 1A	10	U (0.16) - 0.064	0.049	190000	180

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(g,h,i)perylene	202-F05	Phase 1A	2	U (0.15)	0.048	190000	180
SVOC	Benzo(g,h,i)perylene	202-F06	Phase 1A	2	0.096 - 0.096	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	202-F07	Phase 1A	17	0.039 - 5.2	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	202-F08	Phase 1A	4	U (0.16)	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	202-F10	Phase 1A	2	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	202-F14	Phase 1A	2	U (0.038) - 0.0274	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	202-F16	Phase 1A	4	U (0.4) - 0.058	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	202-F17	Phase 1A	8	U (0.15)	0.074	190000	180
SVOC	Benzo(g,h,i)perylene	202-G01	Phase 1A	8	U (0.28) - 0.048	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	202-G02	Phase 1A	14	U (3.2)	0.19	190000	180
SVOC	Benzo(g,h,i)perylene	202-G03	Phase 1A	9	U (0.15)	0.065	190000	180
SVOC	Benzo(g,h,i)perylene	202-G04	Phase 1A	3	U (0.2)	0.083	190000	180
SVOC	Benzo(g,h,i)perylene	202-G05	Phase 1A	6	U (0.41)	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	202-G07	Phase 1A	16	U (0.16) - 0.027	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	202-H03	Phase 1A	5	U (0.12)	0.059	190000	180
SVOC	Benzo(g,h,i)perylene	202-H05	Phase 1A	1	U (0.04)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	202-H06	Phase 1A	2	U (0.04) - 0.0408	0.030	190000	180
SVOC	Benzo(g,h,i)perylene	202-H07	Phase 1A	2	U (0.037)	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	202-H08	Phase 1A	3	U (0.16)	0.073	190000	180
SVOC	Benzo(g,h,i)perylene	202-H11	Phase 1A	10	U (0.16) - 0.041	0.066	190000	180
SVOC	Benzo(g,h,i)perylene	202-I01	Phase 1A	2	U (0.16)	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	202-I04	Phase 1A	4	U (0.15)	0.071	190000	180
SVOC	Benzo(g,h,i)perylene	202-J03	Phase 1A	7	U (1.6)	0.57	190000	180
SVOC	Benzo(g,h,i)perylene	202-J04	Phase 1A	8	U (1.6) - 0.08	0.26	190000	180
SVOC	Benzo(g,h,i)perylene	202-J05	Phase 1A	6	0.011 - 0.28	0.099	190000	180
SVOC	Benzo(g,h,i)perylene	202-J07	Phase 1A	7	U (0.39) - 0.42	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	202-J08	Phase 1A	1	1 - 1	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	202-J09	Phase 1A	2	U (0.022) - 1.2	0.60	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA01	Phase 1A	1	U (0.04)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA02	Phase 1B	2	U (0.039) - 0.0337	0.026	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA05	Phase 1B	11	U (2.1) - 0.14	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA06	Phase 1A	11	0.0062 - 0.0062	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA07	Phase 1A	4	U (0.16) - 0.138	0.063	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA08	Phase 1A	3	U (0.02) - 0.068	0.029	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA09	Phase 1A	3	U (0.02) - 0.17	0.063	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB04	Phase 1A	3	U (0.37)	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB05	Phase 1B	6	0.026 - 0.088	0.054	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB06	Phase 1A	2	U (0.14)	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB07	Phase 1A	1	U (0.2)	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB09	Phase 1A	2	U (0.876) - 3.11	1.6	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC03	Phase 1B	2	0.28 - 0.404	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC04	Phase 1A	25	U (0.76) - 4.3	0.44	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC07	Phase 1A	10	U (0.75) - 0.52	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC08	Phase 1A	7	0.087 - 0.17	0.19	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC09	Phase 1A	6	0.00093 - 0.00093	0.035	190000	180
SVOC	Benzo(g,h,i)perylene	301-B01	Phase 1A	1	U (0.018)	0.0090	190000	180
SVOC	Benzo(g,h,i)perylene	301-C01	Phase 1A	3	U (0.022) - 0.82	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	301-C02	Phase 1A	7	U (0.39) - 0.013	0.037	190000	180
SVOC	Benzo(g,h,i)perylene	301-D01	Phase 1A	13	0.024 - 1	0.19	190000	180
SVOC	Benzo(g,h,i)perylene	301-E02	Phase 1A	14	U (0.46) - 0.27	0.059	190000	180
SVOC	Benzo(g,h,i)perylene	301-E03	Phase 1A	4	U (0.021) - 0.028	0.016	190000	180
SVOC	Benzo(g,h,i)perylene	301-G01	Phase 1A	2	0.004 - 0.012	0.0080	190000	180
SVOC	Benzo(g,h,i)perylene	301-G02	Phase 1A	3	0.056 - 1.3	0.59	190000	180
SVOC	Benzo(g,h,i)perylene	301-G03	Phase 1A	1	0.1 - 0.1	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	301-H02	Phase 1A	3	0.0057 - 0.28	0.17	190000	180
SVOC	Benzo(g,h,i)perylene	301-H03	Phase 1A	2	0.0046 - 0.0054	0.0050	190000	180
SVOC	Benzo(g,h,i)perylene	301-L01	Phase 1C	7	0.02 - 5	0.74	190000	180
SVOC	Benzo(g,h,i)perylene	301-N02	Phase 1A	3	0.0042 - 0.42	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	301-P02	Phase 1A	2	0.12 - 0.414	0.27	190000	180
SVOC	Benzo(g,h,i)perylene	301-Q04	Phase 1A	6	U (0.4) - 2.45	0.52	190000	180
SVOC	Benzo(g,h,i)perylene	301-R02	Phase 1A	6	U (0.087) - 0.2	0.052	190000	180
SVOC	Benzo(g,h,i)perylene	301-S02	Phase 1A	4	U (0.088) - 0.11	0.034	190000	180
SVOC	Benzo(g,h,i)perylene	301-S03	Phase 1A	1	0.055 - 0.055	0.055	190000	180
SVOC	Benzo(g,h,i)perylene	301-T01	Phase 1B	5	0.207 - 2.6	1.6	190000	180
SVOC	Benzo(g,h,i)perylene	301-T02	Phase 1B	2	0.177 - 1.4	0.79	190000	180
SVOC	Benzo(g,h,i)perylene	301-T03	Phase 1C	2	0.17 - 0.17	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	301-T04	Phase 1A	2	U (0.09)	0.027	190000	180
SVOC	Benzo(g,h,i)perylene	301-U01	Phase 1B	2	U (0.19) - 0.82	0.42	190000	180
SVOC	Benzo(g,h,i)perylene	301-U03	Phase 1B	1	U (0.17)	0.085	190000	180
SVOC	Benzo(g,h,i)perylene	301-V01	Phase 1B	7	U (0.041) - 0.0483	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	301-V02	Phase 1B	19	0.0053 - 5	0.37	190000	180
SVOC	Benzo(g,h,i)perylene	301-V04	Phase 1A	29	U (0.16) - 0.18	0.053	190000	180
SVOC	Benzo(g,h,i)perylene	301-W01	Phase 1B	24	U (0.17) - 0.84	0.089	190000	180
SVOC	Benzo(g,h,i)perylene	301-W03	Phase 1A	4	U (0.017)	0.0067	190000	180
SVOC	Benzo(g,h,i)perylene	301-X01	Phase 1B	11	0.21 - 0.91	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	301-X03	Phase 1A	3	0.036 - 0.036	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y01	Phase 1B	10	U (0.36) - 0.297	0.081	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y02	Phase 1B	4	U (0.17) - 0.4	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y03	Phase 1A	2	U (0.04) - 0.0807	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y04	Phase 1A	3	U (0.02) - 0.045	0.021	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y05	Phase 1A	6	0.0041 - 0.023	0.045	190000	180
SVOC	Benzo(g,h,i)perylene	301-Z01	Phase 1B	6	U (0.039)	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	301-Z02	Phase 1B	2	U (0.18)	0.054	190000	180

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(g,h,i)perylene	301-Z03	Phase 1B	5	U (0.41) - 0.39	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	301-Z04	Phase 1A	14	U (0.76) - 0.14	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD02	Phase 1C	2	U (0.19)	0.057	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD06	Phase 1B	12	U (0.18) - 0.32	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD07	Phase 1B	2	0.098 - 0.098	0.084	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD08	Phase 1A	2	U (0.14)	0.068	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD09	Phase 1A	3	U (0.1) - 0.0212	0.030	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD10	Phase 1A	4	U (0.8) - 1.1	0.39	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE03	Phase 1B	4	U (0.18) - 0.19	0.061	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE04	Phase 1B	8	U (0.74) - 0.12	0.067	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE05	Phase 1B	20	0.025 - 0.18	0.081	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE07	Phase 1B	3	U (0.11) - 0.346	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE08	Phase 1B	3	U (0.15)	0.051	190000	180
SVOC	Benzo(g,h,i)perylene	302-AE09	Phase 1A	4	U (0.16)	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AF04	Phase 1B	22	U (0.15) - 0.024	0.040	190000	180
SVOC	Benzo(g,h,i)perylene	302-AF05	Phase 1B	2	U (0.041) - 0.227	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	302-AF06	Phase 1A	8	0.039 - 0.22	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	302-AF09	Phase 1B	5	U (0.04)	0.019	190000	180
SVOC	Benzo(g,h,i)perylene	302-AG04	Phase 1B	9	U (0.15) - 0.0334	0.028	190000	180
SVOC	Benzo(g,h,i)perylene	302-AG06	Phase 1B	5	U (0.041)	0.019	190000	180
SVOC	Benzo(g,h,i)perylene	302-AG07	Phase 1A	14	U (0.16)	0.048	190000	180
SVOC	Benzo(g,h,i)perylene	302-AG08	Phase 1B	6	U (0.042) - 1	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH01	Phase 1C	2	U (0.19)	0.057	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH05	Phase 1B	11	0.0256 - 0.32	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH06	Phase 1B	4	U (0.0415) - 0.0785	0.034	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH07	Phase 1B	21	U (0.37) - 0.28	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH08	Phase 1B	13	U (0.041) - 0.44	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI01	Phase 1C	2	U (0.04) - 0.208	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI05	Phase 1B	11	U (0.16) - 0.36	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI06	Phase 1B	19	U (0.17) - 2.4	0.27	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI07	Phase 1B	10	U (0.375) - 0.57	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI08	Phase 1B	2	U (0.38)	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	302-AI09	Phase 1B	3	U (0.041) - 0.12	0.053	190000	180
SVOC	Benzo(g,h,i)perylene	302-AJ05	Phase 1B	2	U (0.16) - 0.027	0.054	190000	180
SVOC	Benzo(g,h,i)perylene	302-AJ06	Phase 1B	5	0.048 - 0.16	0.090	190000	180
SVOC	Benzo(g,h,i)perylene	302-AJ09	Phase 1A	13	U (57) - 2	3.4	190000	180
SVOC	Benzo(g,h,i)perylene	302-AK05	Phase 1B	5	0.051 - 0.72	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	302-AK06	Phase 1A	3	U (0.42) - 0.77	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	302-AK07	Phase 1B	13	U (0.0426) - 1.4	0.29	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL01	Phase 1C	2	0.174 - 0.174	0.096	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL03	Phase 1B	2	U (0.092) - 0.0622	0.054	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL05	Phase 1B	13	U (0.42) - 1.8	0.50	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL06	Phase 1A	13	U (0.37) - 1.7	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL08	Phase 1B	2	U (0.041)	0.019	190000	180
SVOC	Benzo(g,h,i)perylene	302-AN01	Phase 1B	2	U (0.035) - 0.0787	0.048	190000	180
SVOC	Benzo(g,h,i)perylene	302-AN02	Phase 1A	2	U (0.198)	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AO03	Phase 1A	2	U (0.0418)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP02	Phase 1B	2	U (0.042) - 0.404	0.21	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP03	Phase 1B	23	U (0.4) - 0.091	0.067	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP04	Phase 1B	2	U (0.039) - 0.0794	0.049	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP05	Phase 1B	2	U (0.035)	0.017	190000	180
SVOC	Benzo(g,h,i)perylene	302-AQ01	Phase 1B	2	0.41 - 1.1	0.76	190000	180
SVOC	Benzo(g,h,i)perylene	302-AQ02	Phase 1A	7	U (1.5)	0.17	190000	180
SVOC	Benzo(g,h,i)perylene	302-AQ04	Phase 1B	2	U (0.11)	0.055	190000	180
SVOC	Benzo(g,h,i)perylene	302-AR01	Phase 1B	2	0.21 - 4.9	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	302-AR02	Phase 1A	4	U (0.16)	0.074	190000	180
SVOC	Benzo(g,h,i)perylene	302-AR04	Phase 1B	3	U (0.12)	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	302-AS03	Phase 1A	13	U (0.16) - 0.0343	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AS04	Phase 1B	2	U (0.0419)	0.021	190000	180
SVOC	Benzo(g,h,i)perylene	302-AT02	Phase 1B	2	0.382 - 4.65	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	302-AT03	Phase 1B	4	U (0.039) - 0.0655	0.031	190000	180
SVOC	Benzo(g,h,i)perylene	302-AU01	Phase 1B	4	U (0.16) - 2	0.60	190000	180
SVOC	Benzo(g,h,i)perylene	302-AU02	Phase 1B	8	U (4)	0.32	190000	180
SVOC	Benzo(g,h,i)perylene	302-AU03	Phase 1B	2	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV01	Phase 1A	10	0.106 - 3.8	1.5	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV02	Phase 1B	4	U (0.78)	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV03	Phase 1A	6	U (0.16)	0.079	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV04	Phase 1B	2	U (0.0415)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	302-AW01	Phase 1A	8	0.18 - 5.9	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	302-AW02	Phase 1B	2	U (1.9) - 1.1	0.59	190000	180
SVOC	Benzo(g,h,i)perylene	302-AW03	Phase 1A	2	U (0.16)	0.078	190000	180
SVOC	Benzo(g,h,i)perylene	302-AX01	Phase 1A	11	0.106 - 8.1	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	302-AX02	Phase 1B	3	U (0.038)	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	302-AX05	Phase 1A	2	U (0.0414)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	302-AY02	Phase 1B	13	0.0338 - 5.03	2.4	190000	180
SVOC	Benzo(g,h,i)perylene	302-AY03	Phase 1B	2	0.0586 - 0.073	0.066	190000	180
SVOC	Benzo(g,h,i)perylene	302-AY05	Phase 1B	2	U (0.19)	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AZ02	Phase 1B	8	0.56 - 3.4	5.3	190000	180
SVOC	Benzo(g,h,i)perylene	302-AZ03	Phase 1B	1	U (2)	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	302-AZ05	Phase 1A	2	U (0.41)	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	302-BA03	Phase 1B	3	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	302-BA05	Phase 1A	2	U (0.218)	0.064	190000	180
SVOC	Benzo(g,h,i)perylene	302-BB07	Phase 1B	9	U (0.16) - 0.26	0.085	190000	180

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(g,h,i)perylene	302-BB08	Phase 1B	1	0.43 - 0.43	0.43	190000	180
SVOC	Benzo(g,h,i)perylene	302-BC05	Phase 1A	7	U (0.039)	0.0068	190000	180
SVOC	Benzo(g,h,i)perylene	302-BC06	Phase 1B	8	U (0.23)	0.084	190000	180
SVOC	Benzo(g,h,i)perylene	302-BD05	Phase 1A	4	U (0.16)	0.079	190000	180
SVOC	Benzo(g,h,i)perylene	302-BE04	Phase 1A	5	U (0.19) - 0.045	0.061	190000	180
SVOC	Benzo(g,h,i)perylene	303-AY01	Phase 1A	4	0.086 - 1	0.43	190000	180
SVOC	Benzo(g,h,i)perylene	303-AZ01	Phase 1A	5	0.43 - 2	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	303-BA01	Phase 1A	8	0.0932 - 2.3	0.58	190000	180
SVOC	Benzo(g,h,i)perylene	303-BA02	Phase 1A	10	0.32 - 1.4	2.0	190000	180
SVOC	Benzo(g,h,i)perylene	303-BB01	Phase 1A	2	1 - 1.4	1.2	190000	180
SVOC	Benzo(g,h,i)perylene	303-BB02	Phase 1A	5	0.02 - 40.9	10	190000	180
SVOC	Benzo(g,h,i)perylene	303-BC01	Phase 1A	4	U (0.038) - 0.167	0.087	190000	180
SVOC	Benzo(g,h,i)perylene	303-BD04	Phase 1A	8	0.25 - 4.4	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	303-BE03	Phase 1A	44	0.079 - 4.6	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	303-BF05	Phase 1A	13	0.21 - 1.2	0.58	190000	180
SVOC	Benzo(g,h,i)perylene	303-BG04	Phase 1A	27	0.068 - 1.8	0.85	190000	180
SVOC	Benzo(g,h,i)perylene	303-BH02	Phase 1A	20	0.11 - 45	3.8	190000	180
SVOC	Benzo(g,h,i)perylene	303-BI03	Phase 1A	6	0.35 - 2.1	0.98	190000	180
SVOC	Benzo(g,h,i)perylene	303-BJ01	Phase 1A	3	2.4 - 2.7	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	303-BJ02	Phase 1A	3	0.0597 - 1.27	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	303-BK03	Phase 1A	7	0.2 - 1.6	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	303-BL02	Phase 1A	10	0.028 - 0.58	0.32	190000	180
SVOC	Benzo(g,h,i)perylene	303-BM02	Phase 1A	2	0.015 - 5.43	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	303-BN02	Phase 1A	15	0.0327 - 5.34	0.79	190000	180
SVOC	Benzo(g,h,i)perylene	303-BN03	Phase 1A	14	0.038 - 3.5	0.65	190000	180
SVOC	Benzo(g,h,i)perylene	303-BO02	Phase 1A	9	0.009 - 1.1	0.43	190000	180
SVOC	Benzo(g,h,i)perylene	303-BP02	Phase 1A	32	0.01 - 5.39	0.77	190000	180
SVOC	Benzo(g,h,i)perylene	303-BQ01	Phase 1A	4	0.304 - 1.3	0.55	190000	180
SVOC	Benzo(g,h,i)perylene	303-BQ02	Phase 1A	15	0.005 - 4.5	0.72	190000	180
SVOC	Benzo(g,h,i)perylene	303-BR02	Phase 1A	8	0.23 - 3.6	0.86	190000	180
SVOC	Benzo(g,h,i)perylene	303-BT01	Phase 1A	13	0.02 - 0.29	0.094	190000	180
SVOC	Benzo(g,h,i)perylene	303-BW01	Phase 1A	2	0.0816 - 0.27	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 1.76	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.5	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-04	Innovation Campus, Parcel B	3	U (1.89)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-06	Innovation Campus, Parcel B	2	U (7.53)	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2) - 7.1	3.1	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-13	Innovation Campus, Parcel B	2	U (4.7) - 1.8	2.1	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-14	Innovation Campus, Parcel B	3	0.241 - 0.241	0.85	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-15	Innovation Campus, Parcel B	2	1.57 - 1.57	0.79	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-19	Innovation Campus, Parcel B	1	1 - 1	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-20	Innovation Campus, Parcel B	3	U (9.7)	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-21	Innovation Campus, Parcel B	3	8 - 9.66	5.9	190000	180
SVOC	Benzo(g,h,i)perylene	101-D20-C	Innovation Campus	20	U (0.929) - 3.3	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	190000	180
SVOC	Benzo(g,h,i)perylene	101-H24-C	Innovation Campus	2	0.14 - 0.59	0.37	190000	180
SVOC	Benzo(g,h,i)perylene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	190000	180
SVOC	Benzo(g,h,i)perylene	101-I25-C	Innovation Campus	2	0.0828 - 1.85	0.97	190000	180
SVOC	Benzo(g,h,i)perylene	101-J23-C	Innovation Campus	2	U (0.036) - 0.38	0.20	190000	180
SVOC	Benzo(g,h,i)perylene	101-L31-C	Innovation Campus	2	0.168 - 0.168	0.095	190000	180
SVOC	Benzo(g,h,i)perylene	101-U37-C	Innovation Campus	5	U (7.36) - 0.37	0.83	190000	180
SVOC	Benzo(g,h,i)perylene	102-E08-C	Innovation Campus	3	U (1.89)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	102-G23-C	Innovation Campus	2	U (20.5)	5.1	190000	180
SVOC	Benzo(g,h,i)perylene	103-A10-C	Innovation Campus	6	U (8.73) - 7.1	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	103-A14-S	Innovation Campus	1	7.1 - 7.1	7.1	190000	180
SVOC	Benzo(g,h,i)perylene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	190000	180
SVOC	Benzo(g,h,i)perylene	103-H01-C	Innovation Campus	2	U (4.7) - 1.8	2.1	190000	180
SVOC	Benzo(g,h,i)perylene	104-K10-C	Innovation Campus	2	0.241 - 0.241	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-A01	Innovation Campus	1	6.9 - 6.9	6.9	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-A02	Innovation Campus	2	0.0557 - 0.73	0.39	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-A03	Innovation Campus	1	2.33 - 2.33	2.3	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-A04	Innovation Campus	3	0.62 - 2.3	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-B02	Innovation Campus	14	U (1.9) - 2	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-B03	Innovation Campus	4	U (0.211) - 0.217	0.089	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-C01	Innovation Campus	28	U (19) - 42	4.6	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-C02	Innovation Campus	12	U (19) - 7.4	1.7	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-C04	Innovation Campus	3	U (0.2)	0.046	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D01	Innovation Campus	5	0.148 - 0.148	0.72	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D02	Innovation Campus	1	20 - 20	20	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D03	Innovation Campus	3	U (0.95) - 1	0.35	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D05	Innovation Campus	6	U (1)	0.24	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D06	Innovation Campus	2	U (0.202) - 0.217	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D07	Innovation Campus	2	U (3.68)	0.97	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E01	Innovation Campus	3	U (1.84)	0.53	190000	180

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Benzo(g,h,i)perylene	LS-A-E03	Innovation Campus	1	0.42 - 0.42	0.42	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E04	Innovation Campus	2	U (4.46)	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E07	Innovation Campus	1	0.33 - 0.33	0.33	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-F02	Innovation Campus	3	U (9.7)	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-F03	Innovation Campus	1	1.1 - 1.1	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-F04	Innovation Campus	12	U (0.94)	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-F05	Innovation Campus	1	21 - 21	21	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G01	Innovation Campus	3	U (1) - 1	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G03	Innovation Campus	3	1.57 - 1.57	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G07	Innovation Campus	3	8 - 9.66	5.9	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G08	Innovation Campus	2	U (2.06)	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H03	Innovation Campus	2	U (0.195) - 0.305	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H04	Innovation Campus	2	U (2.02)	0.55	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H07	Innovation Campus	2	U (1.92)	0.49	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-I01	Innovation Campus	6	U (8.23)	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-I02	Innovation Campus	1	U (5)	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-I03	Innovation Campus	3	U (0.94)	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-B01	Innovation Campus	1	0.0054 - 0.0054	0.0054	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-C01	Innovation Campus	3	U (0.19)	0.044	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-E01	Innovation Campus	4	U (2.32)	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-G02	Innovation Campus	1	2.72 - 2.72	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-H02	Innovation Campus	3	U (1) - 20	6.7	190000	180
SVOC	Benzo(g,h,i)perylene	LS-E-B01	Innovation Campus	81	0.0038 - 84	5.7	190000	180
SVOC	Benzo(g,h,i)perylene	LS-E-G01	Innovation Campus	4	U (2.08) - 1.7	0.90	190000	180
SVOC	Chrysene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.252 - 0.252	0.095	760	230
SVOC	Chrysene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.0133 - 3.6	0.75	760	230
SVOC	Chrysene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.00074 - 0.12	0.027	760	230
SVOC	Chrysene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0809 - 5.6	0.91	760	230
SVOC	Chrysene	401-MA3-1-13	Major Amendment 3 Resampling	3	0.151 - 0.217	0.18	760	230
SVOC	Chrysene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.139 - 0.489	0.27	760	230
SVOC	Chrysene	401-MA3-1-18	Major Amendment 3 Resampling	1	2.7 - 2.7	2.7	760	230
SVOC	Chrysene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0615 - 0.0903	1.5	760	230
SVOC	Chrysene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.071	0.034	760	230
SVOC	Chrysene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.0473 - 0.0473	0.066	760	230
SVOC	Chrysene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.094)	0.023	760	230
SVOC	Chrysene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.031 - 0.031	0.020	760	230
SVOC	Chrysene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	760	230
SVOC	Chrysene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.345 - 1.64	0.57	760	230
SVOC	Chrysene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.22	0.13	760	230
SVOC	Chrysene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.097 - 0.4	0.14	760	230
SVOC	Chrysene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 3.6	1.2	760	230
SVOC	Chrysene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.075 - 0.13	0.39	760	230
SVOC	Chrysene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.17 - 0.17	0.090	760	230
SVOC	Chrysene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.18 - 1.4	0.42	760	230
SVOC	Chrysene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.23 - 0.23	0.23	760	230
SVOC	Chrysene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.03 - 17	4.4	760	230
SVOC	Chrysene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.52) - 50	3.3	760	230
SVOC	Chrysene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019)	0.0088	760	230
SVOC	Chrysene	401-MA3-1-68	Major Amendment 3 Resampling	1	8.5 - 8.5	8.5	760	230
SVOC	Chrysene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.6	0.22	760	230
SVOC	Chrysene	401-MA3-1-72	Major Amendment 3 Resampling	4	U (1.9) - 6.9	1.8	760	230
SVOC	Chrysene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.14 - 17	2.1	760	230
SVOC	Chrysene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.024 - 0.073	0.067	760	230
SVOC	Chrysene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	760	230
SVOC	Chrysene	403-MA3-1-04	Major Amendment 3 Resampling	1	U (0.12)	0.060	760	230
SVOC	Chrysene	403-MA3-1-12	Major Amendment 3 Resampling	1	0.2 - 0.2	0.20	760	230
SVOC	Chrysene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.0248 - 0.43	0.22	760	230
SVOC	Chrysene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	760	230
SVOC	Chrysene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (2.5) - 16	3.9	760	230
SVOC	Chrysene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.387 - 8.1	3.1	760	230
SVOC	Chrysene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.107 - 20.6	1.6	760	230
SVOC	Chrysene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 5.2	1.6	760	230
SVOC	Chrysene	401-A01	Major Amendment 3	4	0.252 - 0.252	0.095	760	230
SVOC	Chrysene	401-E02	Major Amendment 3	24	0.00074 - 3.6	0.36	760	230
SVOC	Chrysene	401-F01	Major Amendment 3	8	0.0809 - 5.6	0.91	760	230
SVOC	Chrysene	401-G01	Major Amendment 3	3	0.151 - 0.217	0.18	760	230
SVOC	Chrysene	401-H01	Major Amendment 3	3	0.139 - 0.489	0.27	760	230
SVOC	Chrysene	401-I01	Major Amendment 3	1	2.7 - 2.7	2.7	760	230
SVOC	Chrysene	401-J01	Major Amendment 3	3	0.0615 - 0.0903	1.5	760	230
SVOC	Chrysene	401-K01	Major Amendment 3	5	U (0.021) - 0.071	0.034	760	230
SVOC	Chrysene	401-L01	Major Amendment 3	2	0.0473 - 0.0473	0.066	760	230
SVOC	Chrysene	401-L02	Major Amendment 3	6	U (0.094) - 0.6	0.12	760	230
SVOC	Chrysene	401-N01	Major Amendment 3	2	0.031 - 0.031	0.020	760	230
SVOC	Chrysene	401-O01	Major Amendment 3	1	U (0.033)	0.017	760	230
SVOC	Chrysene	401-P01	Major Amendment 3	5	0.345 - 1.64	0.57	760	230
SVOC	Chrysene	401-Q01	Major Amendment 3	33	0.0025 - 382	19	760	230
SVOC	Chrysene	401-R01	Major Amendment 3	4	U (1.9) - 6.9	1.8	760	230
SVOC	Chrysene	402-A01	Major Amendment 3	41	0.054 - 7.4	1.2	760	230

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Chrysene	402-B01	Major Amendment 3	58	0.021 - 24	2.6	760	230
SVOC	Chrysene	402-C01	Major Amendment 3	3	0.02 - 2	1.1	760	230
SVOC	Chrysene	403-A01	Major Amendment 3	2	U (0.19)	0.058	760	230
SVOC	Chrysene	403-B01	Major Amendment 3	13	0.024 - 0.073	0.067	760	230
SVOC	Chrysene	403-C01	Major Amendment 3	8	U (1.4) - 4.44	0.60	760	230
SVOC	Chrysene	403-C02	Major Amendment 3	1	U (0.12)	0.060	760	230
SVOC	Chrysene	403-E01	Major Amendment 3	1	U (0.039)	0.020	760	230
SVOC	Chrysene	403-F01	Major Amendment 3	7	0.0398 - 0.33	0.095	760	230
SVOC	Chrysene	403-G01	Major Amendment 3	2	U (0.18)	0.054	760	230
SVOC	Chrysene	404-A01	Major Amendment 3	19	0.0316 - 7.82	1.6	760	230
SVOC	Chrysene	404-B01	Major Amendment 3	24	0.0394 - 35.9	3.2	760	230
SVOC	Chrysene	404-B02	Major Amendment 3	6	U (2) - 5.2	1.6	760	230
SVOC	Chrysene	404-C01	Major Amendment 3	3	0.69 - 9.7	5.1	760	230
SVOC	Chrysene	404-D01	Major Amendment 3	6	0.161 - 3.85	0.89	760	230
SVOC	Chrysene	404-E01	Major Amendment 3	30	0.0827 - 70.5	8.8	760	230
SVOC	Chrysene	404-F01	Major Amendment 3	22	0.219 - 158	21	760	230
SVOC	Chrysene	201-A01	Phase 1A	7	U (0.12) - 0.4	0.11	760	230
SVOC	Chrysene	201-A02	Phase 1A	14	0.046 - 1.3	0.33	760	230
SVOC	Chrysene	201-A03	Phase 1A	7	U (0.12) - 0.065	0.054	760	230
SVOC	Chrysene	201-A04	Phase 1A	28	0.013 - 1.4	0.29	760	230
SVOC	Chrysene	201-A05	Phase 1A	9	U (0.41) - 0.058	0.038	760	230
SVOC	Chrysene	201-A06	Phase 1A	7	0.0022 - 0.12	0.050	760	230
SVOC	Chrysene	201-A07	Phase 1A	9	0.0029 - 0.036	0.032	760	230
SVOC	Chrysene	201-A08	Phase 1A	7	U (0.038) - 0.14	0.037	760	230
SVOC	Chrysene	201-A09	Phase 1A	7	U (2.1) - 0.007	0.17	760	230
SVOC	Chrysene	201-A10	Phase 1A	3	U (0.039) - 0.53	0.18	760	230
SVOC	Chrysene	201-A11	Phase 1A	4	U (0.12) - 0.0011	0.016	760	230
SVOC	Chrysene	201-A12	Phase 1A	6	0.0078 - 0.42	0.11	760	230
SVOC	Chrysene	201-A13	Phase 1A	4	U (0.041) - 0.24	0.11	760	230
SVOC	Chrysene	201-A14	Phase 1A	9	0.0021 - 1.5	0.29	760	230
SVOC	Chrysene	201-B02	Phase 1A	2	0.18 - 0.27	0.23	760	230
SVOC	Chrysene	201-B04	Phase 1A	3	0.027 - 0.071	0.033	760	230
SVOC	Chrysene	201-B05	Phase 1A	3	0.042 - 0.23	0.15	760	230
SVOC	Chrysene	201-B08	Phase 1A	4	U (0.0037) - 0.02	0.011	760	230
SVOC	Chrysene	201-C01	Phase 1A	14	U (1.2) - 0.7	0.14	760	230
SVOC	Chrysene	201-C04	Phase 1A	10	U (1.2) - 0.19	0.25	760	230
SVOC	Chrysene	201-C05	Phase 1A	3	0.0073 - 11.6	4.2	760	230
SVOC	Chrysene	201-C07	Phase 1A	8	0.05 - 2.9	0.85	760	230
SVOC	Chrysene	201-C08	Phase 1A	11	0.016 - 9	0.88	760	230
SVOC	Chrysene	201-C09	Phase 1A	7	U (0.11)	0.051	760	230
SVOC	Chrysene	201-C10	Phase 1A	3	U (0.4) - 2.21	0.99	760	230
SVOC	Chrysene	201-D01	Phase 1A	4	U (0.42) - 1.18	0.35	760	230
SVOC	Chrysene	201-D05	Phase 1A	4	0.0064 - 2.2	2.7	760	230
SVOC	Chrysene	201-D12	Phase 1A	3	U (0.12)	0.057	760	230
SVOC	Chrysene	201-E01	Phase 1A	43	0.00079 - 0.34	0.052	760	230
SVOC	Chrysene	201-E02	Phase 1A	1	U (0.12)	0.060	760	230
SVOC	Chrysene	201-E03	Phase 1A	3	U (0.38)	0.077	760	230
SVOC	Chrysene	201-E04	Phase 1A	3	U (0.59) - 2.2	0.90	760	230
SVOC	Chrysene	201-E05	Phase 1A	22	U (0.33) - 0.18	0.054	760	230
SVOC	Chrysene	201-F01	Phase 1A	36	0.019 - 0.956	0.18	760	230
SVOC	Chrysene	201-F02	Phase 1A	4	0.11 - 0.12	0.11	760	230
SVOC	Chrysene	201-F03	Phase 1A	25	U (0.36) - 0.18	0.076	760	230
SVOC	Chrysene	201-F04	Phase 1A	21	U (0.41) - 0.096	0.068	760	230
SVOC	Chrysene	202-A03	Phase 1A	8	U (0.12) - 0.44	0.14	760	230
SVOC	Chrysene	202-A04	Phase 1A	4	U (0.41) - 1.3	0.40	760	230
SVOC	Chrysene	202-A05	Phase 1A	4	U (0.12) - 0.42	0.12	760	230
SVOC	Chrysene	202-A06	Phase 1A	4	U (0.12)	0.055	760	230
SVOC	Chrysene	202-A07	Phase 1A	3	U (0.12)	0.060	760	230
SVOC	Chrysene	202-A08	Phase 1A	3	U (0.12)	0.060	760	230
SVOC	Chrysene	202-A09	Phase 1A	6	U (0.12)	0.059	760	230
SVOC	Chrysene	202-B01	Phase 1A	2	0.08 - 0.16	0.12	760	230
SVOC	Chrysene	202-B02	Phase 1A	8	U (0.4)	0.12	760	230
SVOC	Chrysene	202-B03	Phase 1A	15	0.087 - 0.34	0.092	760	230
SVOC	Chrysene	202-B04	Phase 1A	3	0.2 - 0.22	0.16	760	230
SVOC	Chrysene	202-B05	Phase 1A	4	0.064 - 0.15	0.093	760	230
SVOC	Chrysene	202-B09	Phase 1A	9	0.027 - 0.43	0.16	760	230
SVOC	Chrysene	202-C04	Phase 1A	15	0.052 - 0.26	0.28	760	230
SVOC	Chrysene	202-C05	Phase 1A	10	0.068 - 0.93	0.34	760	230
SVOC	Chrysene	202-C06	Phase 1A	4	0.051 - 0.075	0.063	760	230
SVOC	Chrysene	202-C07	Phase 1A	8	U (0.74) - 0.087	0.13	760	230
SVOC	Chrysene	202-C08	Phase 1A	4	U (0.2) - 0.2	0.10	760	230
SVOC	Chrysene	202-C10	Phase 1A	1	U (0.38)	0.19	760	230
SVOC	Chrysene	202-D05	Phase 1A	5	U (0.36) - 2.1	0.47	760	230
SVOC	Chrysene	202-D06	Phase 1A	11	U (2) - 1	0.54	760	230
SVOC	Chrysene	202-E06	Phase 1A	2	0.048 - 0.048	0.049	760	230
SVOC	Chrysene	202-E08	Phase 1A	13	U (0.38) - 0.084	0.068	760	230
SVOC	Chrysene	202-E09	Phase 1A	16	0.021 - 0.55	0.11	760	230
SVOC	Chrysene	202-E10	Phase 1A	6	U (0.45) - 0.048	0.11	760	230
SVOC	Chrysene	202-E11	Phase 1A	2	U (0.41)	0.16	760	230
SVOC	Chrysene	202-E12	Phase 1A	4	U (0.42) - 0.077	0.098	760	230
SVOC	Chrysene	202-E13	Phase 1A	2	U (0.38) - 0.22	0.21	760	230
SVOC	Chrysene	202-E15	Phase 1A	2	U (0.38)	0.19	760	230
SVOC	Chrysene	202-F01	Phase 1A	7	U (0.43)	0.18	760	230

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Chrysene	202-F04	Phase 1A	10	0.028 - 0.16	0.067	760	230
SVOC	Chrysene	202-F05	Phase 1A	2	U (0.11)	0.038	760	230
SVOC	Chrysene	202-F06	Phase 1A	2	0.15 - 0.15	0.18	760	230
SVOC	Chrysene	202-F07	Phase 1A	17	0.034 - 4.4	0.47	760	230
SVOC	Chrysene	202-F08	Phase 1A	4	U (0.12)	0.040	760	230
SVOC	Chrysene	202-F10	Phase 1A	2	U (0.12)	0.060	760	230
SVOC	Chrysene	202-F14	Phase 1A	2	U (0.038) - 0.0263	0.022	760	230
SVOC	Chrysene	202-F16	Phase 1A	4	U (0.4) - 0.56	0.22	760	230
SVOC	Chrysene	202-F17	Phase 1A	8	U (0.11)	0.054	760	230
SVOC	Chrysene	202-G01	Phase 1A	8	U (0.21) - 0.036	0.057	760	230
SVOC	Chrysene	202-G02	Phase 1A	14	U (2.4)	0.14	760	230
SVOC	Chrysene	202-G03	Phase 1A	9	U (0.11)	0.048	760	230
SVOC	Chrysene	202-G04	Phase 1A	3	U (0.2)	0.083	760	230
SVOC	Chrysene	202-G05	Phase 1A	6	U (0.41)	0.13	760	230
SVOC	Chrysene	202-G07	Phase 1A	16	U (0.12) - 0.093	0.056	760	230
SVOC	Chrysene	202-H03	Phase 1A	5	U (0.12) - 0.0624	0.059	760	230
SVOC	Chrysene	202-H05	Phase 1A	1	U (0.04)	0.020	760	230
SVOC	Chrysene	202-H06	Phase 1A	2	U (0.04) - 0.0787	0.049	760	230
SVOC	Chrysene	202-H07	Phase 1A	2	U (0.037) - 0.0338	0.026	760	230
SVOC	Chrysene	202-H08	Phase 1A	3	U (0.12)	0.053	760	230
SVOC	Chrysene	202-H11	Phase 1A	10	U (0.12) - 0.15	0.067	760	230
SVOC	Chrysene	202-I01	Phase 1A	2	U (0.12)	0.058	760	230
SVOC	Chrysene	202-I04	Phase 1A	4	U (0.11)	0.053	760	230
SVOC	Chrysene	202-J03	Phase 1A	6	U (1.2)	0.49	760	230
SVOC	Chrysene	202-J04	Phase 1A	8	U (1.2) - 0.12	0.20	760	230
SVOC	Chrysene	202-J05	Phase 1A	6	0.0053 - 0.13	0.057	760	230
SVOC	Chrysene	202-J07	Phase 1A	7	U (0.39) - 0.23	0.10	760	230
SVOC	Chrysene	202-J08	Phase 1A	1	0.82 - 0.82	0.82	760	230
SVOC	Chrysene	202-J09	Phase 1A	2	U (0.022) - 1.4	0.70	760	230
SVOC	Chrysene	301-AA01	Phase 1A	1	0.014 - 0.014	0.014	760	230
SVOC	Chrysene	301-AA02	Phase 1B	2	U (0.039) - 0.0413	0.030	760	230
SVOC	Chrysene	301-AA05	Phase 1B	11	U (2.1) - 1.9	0.50	760	230
SVOC	Chrysene	301-AA06	Phase 1A	11	0.014 - 0.34	0.091	760	230
SVOC	Chrysene	301-AA07	Phase 1A	4	U (0.12) - 0.369	0.16	760	230
SVOC	Chrysene	301-AA08	Phase 1A	3	U (0.02) - 0.08	0.042	760	230
SVOC	Chrysene	301-AA09	Phase 1A	3	0.054 - 0.19	0.084	760	230
SVOC	Chrysene	301-AB04	Phase 1A	3	U (0.37)	0.18	760	230
SVOC	Chrysene	301-AB05	Phase 1B	6	0.064 - 0.464	0.15	760	230
SVOC	Chrysene	301-AB06	Phase 1A	2	U (0.11)	0.055	760	230
SVOC	Chrysene	301-AB07	Phase 1A	1	0.36 - 0.36	0.36	760	230
SVOC	Chrysene	301-AB09	Phase 1A	2	U (0.876) - 12.2	6.1	760	230
SVOC	Chrysene	301-AC03	Phase 1B	2	0.674 - 0.86	0.77	760	230
SVOC	Chrysene	301-AC04	Phase 1A	25	U (0.57) - 7.5	0.66	760	230
SVOC	Chrysene	301-AC07	Phase 1A	10	U (0.56) - 1.6	0.34	760	230
SVOC	Chrysene	301-AC08	Phase 1A	7	0.02 - 0.57	0.18	760	230
SVOC	Chrysene	301-AC09	Phase 1A	6	0.0015 - 0.0015	0.035	760	230
SVOC	Chrysene	301-B01	Phase 1A	1	U (0.018)	0.0090	760	230
SVOC	Chrysene	301-C01	Phase 1A	3	U (0.022) - 2.9	0.97	760	230
SVOC	Chrysene	301-C02	Phase 1A	7	U (0.39) - 0.044	0.046	760	230
SVOC	Chrysene	301-D01	Phase 1A	13	0.034 - 2.4	0.32	760	230
SVOC	Chrysene	301-E02	Phase 1A	14	U (0.35) - 0.14	0.044	760	230
SVOC	Chrysene	301-E03	Phase 1A	4	U (0.021) - 0.087	0.037	760	230
SVOC	Chrysene	301-G01	Phase 1A	2	0.0034 - 0.013	0.0082	760	230
SVOC	Chrysene	301-G02	Phase 1A	3	0.067 - 0.88	0.40	760	230
SVOC	Chrysene	301-G03	Phase 1A	1	0.14 - 0.14	0.14	760	230
SVOC	Chrysene	301-H02	Phase 1A	3	0.0056 - 0.34	0.20	760	230
SVOC	Chrysene	301-H03	Phase 1A	2	0.018 - 0.018	0.018	760	230
SVOC	Chrysene	301-L01	Phase 1C	7	0.0473 - 17	2.5	760	230
SVOC	Chrysene	301-N02	Phase 1A	3	0.013 - 1.4	0.48	760	230
SVOC	Chrysene	301-P02	Phase 1A	2	0.172 - 1.27	0.72	760	230
SVOC	Chrysene	301-Q04	Phase 1A	6	U (0.4) - 1.5	0.37	760	230
SVOC	Chrysene	301-R02	Phase 1A	6	U (0.087) - 0.6	0.12	760	230
SVOC	Chrysene	301-S02	Phase 1A	4	U (0.088)	0.018	760	230
SVOC	Chrysene	301-S03	Phase 1A	1	0.062 - 0.062	0.062	760	230
SVOC	Chrysene	301-T01	Phase 1B	5	U (5.3) - 8.5	2.7	760	230
SVOC	Chrysene	301-T02	Phase 1B	2	0.269 - 6.9	3.6	760	230
SVOC	Chrysene	301-T03	Phase 1C	2	U (0.09)	0.045	760	230
SVOC	Chrysene	301-T04	Phase 1A	2	U (0.09) - 0.096	0.053	760	230
SVOC	Chrysene	301-U01	Phase 1B	2	U (0.19) - 1.4	0.71	760	230
SVOC	Chrysene	301-U03	Phase 1B	1	U (0.17)	0.085	760	230
SVOC	Chrysene	301-V01	Phase 1B	7	U (0.041) - 0.518	0.13	760	230
SVOC	Chrysene	301-V02	Phase 1B	19	0.00092 - 20	1.5	760	230
SVOC	Chrysene	301-V04	Phase 1A	29	U (0.12) - 0.17	0.044	760	230
SVOC	Chrysene	301-W01	Phase 1B	24	U (0.13) - 0.78	0.10	760	230
SVOC	Chrysene	301-W03	Phase 1A	4	U (0.017)	0.0068	760	230
SVOC	Chrysene	301-X01	Phase 1B	11	0.0021 - 2	0.41	760	230
SVOC	Chrysene	301-X03	Phase 1A	3	0.076 - 0.076	0.031	760	230
SVOC	Chrysene	301-Y01	Phase 1B	10	U (0.36) - 0.41	0.11	760	230
SVOC	Chrysene	301-Y02	Phase 1B	4	U (0.17) - 2.1	0.58	760	230
SVOC	Chrysene	301-Y03	Phase 1A	2	U (0.04) - 0.0624	0.041	760	230
SVOC	Chrysene	301-Y04	Phase 1A	3	0.046 - 0.083	0.046	760	230
SVOC	Chrysene	301-Y05	Phase 1A	6	U (0.12) - 0.034	0.038	760	230
SVOC	Chrysene	301-Z01	Phase 1B	6	U (0.039) - 0.0188	0.018	760	230

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Chrysene	301-Z02	Phase 1B	2	U (0.18) - 0.3	0.16	760	230
SVOC	Chrysene	301-Z03	Phase 1B	5	0.014 - 0.603	0.22	760	230
SVOC	Chrysene	301-Z04	Phase 1A	14	0.033 - 0.5	0.16	760	230
SVOC	Chrysene	302-AD02	Phase 1C	2	U (0.19)	0.057	760	230
SVOC	Chrysene	302-AD06	Phase 1B	12	U (0.14) - 0.25	0.12	760	230
SVOC	Chrysene	302-AD07	Phase 1B	2	0.13 - 0.13	0.090	760	230
SVOC	Chrysene	302-AD08	Phase 1A	2	U (0.1)	0.050	760	230
SVOC	Chrysene	302-AD09	Phase 1A	3	U (0.1) - 0.0139	0.028	760	230
SVOC	Chrysene	302-AD10	Phase 1A	4	0.073 - 1.7	0.61	760	230
SVOC	Chrysene	302-AE03	Phase 1B	4	U (0.18) - 2.3	0.61	760	230
SVOC	Chrysene	302-AE04	Phase 1B	8	U (0.56) - 0.4	0.091	760	230
SVOC	Chrysene	302-AE05	Phase 1B	20	0.041 - 0.43	0.089	760	230
SVOC	Chrysene	302-AE07	Phase 1B	3	U (0.11) - 0.729	0.28	760	230
SVOC	Chrysene	302-AE08	Phase 1B	3	0.00066 - 0.00066	0.039	760	230
SVOC	Chrysene	302-AE09	Phase 1A	4	U (0.12)	0.046	760	230
SVOC	Chrysene	302-AF04	Phase 1B	22	U (0.11) - 0.028	0.033	760	230
SVOC	Chrysene	302-AF05	Phase 1B	2	0.0197 - 0.301	0.16	760	230
SVOC	Chrysene	302-AF06	Phase 1A	8	0.044 - 0.44	0.16	760	230
SVOC	Chrysene	302-AF09	Phase 1B	5	U (0.04) - 0.0477	0.025	760	230
SVOC	Chrysene	302-AG04	Phase 1B	9	U (0.11) - 0.078	0.035	760	230
SVOC	Chrysene	302-AG06	Phase 1B	5	U (0.041)	0.019	760	230
SVOC	Chrysene	302-AG07	Phase 1A	14	U (0.12) - 0.23	0.056	760	230
SVOC	Chrysene	302-AG08	Phase 1B	6	0.15 - 1.9	0.63	760	230
SVOC	Chrysene	302-AH01	Phase 1C	2	U (0.19) - 0.3	0.16	760	230
SVOC	Chrysene	302-AH05	Phase 1B	11	0.036 - 0.76	0.23	760	230
SVOC	Chrysene	302-AH06	Phase 1B	4	U (0.0415) - 0.088	0.036	760	230
SVOC	Chrysene	302-AH07	Phase 1B	21	U (0.37) - 0.77	0.11	760	230
SVOC	Chrysene	302-AH08	Phase 1B	13	U (0.041) - 0.74	0.20	760	230
SVOC	Chrysene	302-AI01	Phase 1C	2	U (0.04) - 0.266	0.14	760	230
SVOC	Chrysene	302-AI05	Phase 1B	11	U (0.12) - 0.57	0.11	760	230
SVOC	Chrysene	302-AI06	Phase 1B	19	U (0.13) - 2.2	0.32	760	230
SVOC	Chrysene	302-AI07	Phase 1B	10	U (0.375) - 0.47	0.15	760	230
SVOC	Chrysene	302-AI08	Phase 1B	2	U (0.38)	0.11	760	230
SVOC	Chrysene	302-AI09	Phase 1B	3	U (0.041) - 0.229	0.089	760	230
SVOC	Chrysene	302-AJ05	Phase 1B	2	U (0.12) - 0.045	0.053	760	230
SVOC	Chrysene	302-AJ06	Phase 1B	5	0.086 - 0.29	0.11	760	230
SVOC	Chrysene	302-AJ09	Phase 1A	13	U (57) - 3.7	3.8	760	230
SVOC	Chrysene	302-AK05	Phase 1B	5	0.064 - 3.1	0.69	760	230
SVOC	Chrysene	302-AK06	Phase 1A	3	U (0.42) - 2.4	1.2	760	230
SVOC	Chrysene	302-AK07	Phase 1B	13	U (0.0426) - 4	0.77	760	230
SVOC	Chrysene	302-AL01	Phase 1C	2	0.216 - 0.216	0.12	760	230
SVOC	Chrysene	302-AL03	Phase 1B	2	0.0503 - 0.0799	0.065	760	230
SVOC	Chrysene	302-AL05	Phase 1B	13	U (0.42) - 2.8	0.86	760	230
SVOC	Chrysene	302-AL06	Phase 1A	13	U (0.37) - 4.4	1.2	760	230
SVOC	Chrysene	302-AL08	Phase 1B	2	U (0.041)	0.019	760	230
SVOC	Chrysene	302-AN01	Phase 1B	2	U (0.035) - 0.107	0.062	760	230
SVOC	Chrysene	302-AN02	Phase 1A	2	U (0.198)	0.058	760	230
SVOC	Chrysene	302-AO03	Phase 1A	2	U (0.0418)	0.020	760	230
SVOC	Chrysene	302-AP02	Phase 1B	2	U (0.042) - 0.394	0.21	760	230
SVOC	Chrysene	302-AP03	Phase 1B	23	U (0.4) - 0.13	0.065	760	230
SVOC	Chrysene	302-AP04	Phase 1B	2	U (0.039) - 0.0966	0.058	760	230
SVOC	Chrysene	302-AP05	Phase 1B	2	U (0.035)	0.017	760	230
SVOC	Chrysene	302-AQ01	Phase 1B	2	0.45 - 2.2	1.3	760	230
SVOC	Chrysene	302-AQ02	Phase 1A	7	U (1.1)	0.13	760	230
SVOC	Chrysene	302-AQ04	Phase 1B	2	U (0.11)	0.055	760	230
SVOC	Chrysene	302-AR01	Phase 1B	2	0.25 - 8.7	4.5	760	230
SVOC	Chrysene	302-AR02	Phase 1A	4	U (0.12) - 0.098	0.067	760	230
SVOC	Chrysene	302-AR04	Phase 1B	3	U (0.12)	0.050	760	230
SVOC	Chrysene	302-AS03	Phase 1A	13	U (0.12) - 0.0655	0.048	760	230
SVOC	Chrysene	302-AS04	Phase 1B	2	U (0.0419)	0.021	760	230
SVOC	Chrysene	302-AT01	Phase 1B	2	U (0.3) - 0.766	0.46	760	230
SVOC	Chrysene	302-AT02	Phase 1B	2	0.194 - 54.8	27	760	230
SVOC	Chrysene	302-AT03	Phase 1B	4	U (0.039) - 0.039	0.024	760	230
SVOC	Chrysene	302-AU01	Phase 1B	4	0.19 - 1.4	0.50	760	230
SVOC	Chrysene	302-AU02	Phase 1B	8	U (4)	0.30	760	230
SVOC	Chrysene	302-AU03	Phase 1B	2	U (0.12)	0.060	760	230
SVOC	Chrysene	302-AV01	Phase 1A	10	0.151 - 2.2	0.94	760	230
SVOC	Chrysene	302-AV02	Phase 1B	4	U (0.59) - 0.2	0.094	760	230
SVOC	Chrysene	302-AV03	Phase 1A	6	U (0.12) - 0.42	0.12	760	230
SVOC	Chrysene	302-AV04	Phase 1B	2	U (0.0415)	0.020	760	230
SVOC	Chrysene	302-AW01	Phase 1A	9	0.28 - 12	1.9	760	230
SVOC	Chrysene	302-AW02	Phase 1B	2	U (1.9) - 2.4	1.2	760	230
SVOC	Chrysene	302-AW03	Phase 1A	2	U (0.12)	0.060	760	230
SVOC	Chrysene	302-AX01	Phase 1A	13	0.0408 - 38	5.5	760	230
SVOC	Chrysene	302-AX02	Phase 1B	3	U (0.038)	0.018	760	230
SVOC	Chrysene	302-AX05	Phase 1A	2	U (0.0414)	0.020	760	230
SVOC	Chrysene	302-AY02	Phase 1B	14	0.0657 - 27.4	4.7	760	230
SVOC	Chrysene	302-AY03	Phase 1B	2	0.105 - 0.136	0.12	760	230
SVOC	Chrysene	302-AY05	Phase 1B	2	U (0.19)	0.058	760	230
SVOC	Chrysene	302-AZ02	Phase 1B	8	0.687 - 4.4	3.7	760	230
SVOC	Chrysene	302-AZ03	Phase 1B	1	0.81 - 0.81	0.81	760	230
SVOC	Chrysene	302-AZ05	Phase 1A	2	U (0.41)	0.13	760	230
SVOC	Chrysene	302-BA03	Phase 1B	3	U (0.099)	0.049	760	230

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Chrysene	302-BA05	Phase 1A	2	U (0.218)	0.064	760	230
SVOC	Chrysene	302-BB07	Phase 1B	9	U (0.12) - 0.39	0.085	760	230
SVOC	Chrysene	302-BB08	Phase 1B	1	0.49 - 0.49	0.49	760	230
SVOC	Chrysene	302-BC05	Phase 1A	7	U (0.039) - 0.0067	0.0067	760	230
SVOC	Chrysene	302-BC06	Phase 1B	8	U (0.23)	0.067	760	230
SVOC	Chrysene	302-BD05	Phase 1A	4	U (0.12)	0.060	760	230
SVOC	Chrysene	302-BE04	Phase 1A	5	U (0.19) - 0.066	0.057	760	230
SVOC	Chrysene	303-AY01	Phase 1A	4	0.36 - 1.9	0.84	760	230
SVOC	Chrysene	303-AZ01	Phase 1A	5	0.54 - 3	1.8	760	230
SVOC	Chrysene	303-BA01	Phase 1A	8	0.0424 - 3.2	0.73	760	230
SVOC	Chrysene	303-BA02	Phase 1A	11	0.13 - 16	2.9	760	230
SVOC	Chrysene	303-BB01	Phase 1A	2	1.3 - 2	1.7	760	230
SVOC	Chrysene	303-BB02	Phase 1A	5	0.032 - 71.8	19	760	230
SVOC	Chrysene	303-BC01	Phase 1A	4	U (0.038) - 0.344	0.15	760	230
SVOC	Chrysene	303-BD04	Phase 1A	9	0.27 - 5.5	1.6	760	230
SVOC	Chrysene	303-BE03	Phase 1A	44	0.037 - 11	1.6	760	230
SVOC	Chrysene	303-BF05	Phase 1A	16	0.032 - 4.2	1.2	760	230
SVOC	Chrysene	303-BG04	Phase 1A	27	0.081 - 3.5	1.2	760	230
SVOC	Chrysene	303-BH02	Phase 1A	22	0.1 - 60	4.5	760	230
SVOC	Chrysene	303-BI03	Phase 1A	6	0.79 - 3.3	1.6	760	230
SVOC	Chrysene	303-BJ01	Phase 1A	3	13 - 16	14	760	230
SVOC	Chrysene	303-BJ02	Phase 1A	3	0.0655 - 1.07	0.46	760	230
SVOC	Chrysene	303-BK03	Phase 1A	7	0.27 - 2.8	1.2	760	230
SVOC	Chrysene	303-BL02	Phase 1A	10	0.03 - 1	0.53	760	230
SVOC	Chrysene	303-BM02	Phase 1A	2	0.025 - 9.7	4.9	760	230
SVOC	Chrysene	303-BN02	Phase 1A	15	0.0553 - 11.8	1.7	760	230
SVOC	Chrysene	303-BN03	Phase 1A	14	0.022 - 3.7	0.82	760	230
SVOC	Chrysene	303-BO02	Phase 1A	9	0.021 - 4	1.1	760	230
SVOC	Chrysene	303-BP02	Phase 1A	32	0.01 - 10.5	1.6	760	230
SVOC	Chrysene	303-BQ01	Phase 1A	4	0.4 - 1.1	0.56	760	230
SVOC	Chrysene	303-BQ02	Phase 1A	15	0.005 - 6.1	1.0	760	230
SVOC	Chrysene	303-BR02	Phase 1A	8	0.29 - 4.8	1.3	760	230
SVOC	Chrysene	303-BT01	Phase 1A	13	0.014 - 0.88	0.14	760	230
SVOC	Chrysene	303-BW01	Phase 1A	2	0.0917 - 0.36	0.23	760	230
SVOC	Chrysene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	760	230
SVOC	Chrysene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 4.42	1.9	760	230
SVOC	Chrysene	ParcelB-03	Innovation Campus, Parcel B	3	2.94 - 6.9	3.3	760	230
SVOC	Chrysene	ParcelB-04	Innovation Campus, Parcel B	3	2.03 - 2.03	1.0	760	230
SVOC	Chrysene	ParcelB-06	Innovation Campus, Parcel B	2	0.471 - 0.471	2.1	760	230
SVOC	Chrysene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4) - 0.235	2.3	760	230
SVOC	Chrysene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	760	230
SVOC	Chrysene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2) - 15	5.7	760	230
SVOC	Chrysene	ParcelB-12	Innovation Campus, Parcel B	2	7.2 - 7.2	3.6	760	230
SVOC	Chrysene	ParcelB-13	Innovation Campus, Parcel B	2	1.9 - 6.9	4.4	760	230
SVOC	Chrysene	ParcelB-14	Innovation Campus, Parcel B	3	0.355 - 0.355	0.89	760	230
SVOC	Chrysene	ParcelB-15	Innovation Campus, Parcel B	2	6.08 - 6.08	3.0	760	230
SVOC	Chrysene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	760	230
SVOC	Chrysene	ParcelB-19	Innovation Campus, Parcel B	1	1.4 - 1.4	1.4	760	230
SVOC	Chrysene	ParcelB-20	Innovation Campus, Parcel B	3	13 - 13	5.3	760	230
SVOC	Chrysene	ParcelB-21	Innovation Campus, Parcel B	3	0.244 - 20.7	12	760	230
SVOC	Chrysene	101-D20-C	Innovation Campus	20	U (0.464) - 6.6	0.67	760	230
SVOC	Chrysene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	760	230
SVOC	Chrysene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	760	230
SVOC	Chrysene	101-H24-C	Innovation Campus	2	0.153 - 0.591	0.37	760	230
SVOC	Chrysene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	760	230
SVOC	Chrysene	101-I25-C	Innovation Campus	2	0.495 - 1.94	1.2	760	230
SVOC	Chrysene	101-J23-C	Innovation Campus	2	0.093 - 0.351	0.22	760	230
SVOC	Chrysene	101-L31-C	Innovation Campus	2	0.464 - 0.464	0.24	760	230
SVOC	Chrysene	101-U37-C	Innovation Campus	5	U (7.36) - 0.44	0.91	760	230
SVOC	Chrysene	102-E08-C	Innovation Campus	3	2.03 - 2.03	1.0	760	230
SVOC	Chrysene	102-G23-C	Innovation Campus	2	0.148 - 0.148	5.2	760	230
SVOC	Chrysene	103-A10-C	Innovation Campus	6	U (8.73) - 15	3.8	760	230
SVOC	Chrysene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	760	230
SVOC	Chrysene	103-A14-S	Innovation Campus	1	15 - 15	15	760	230
SVOC	Chrysene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	760	230
SVOC	Chrysene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	760	230
SVOC	Chrysene	103-H01-C	Innovation Campus	2	1.9 - 6.9	4.4	760	230
SVOC	Chrysene	104-K10-C	Innovation Campus	2	0.355 - 0.355	0.19	760	230
SVOC	Chrysene	LS-A-A01	Innovation Campus	1	13 - 13	13	760	230
SVOC	Chrysene	LS-A-A02	Innovation Campus	2	0.0679 - 0.95	0.51	760	230
SVOC	Chrysene	LS-A-A03	Innovation Campus	1	2.33 - 2.33	2.3	760	230
SVOC	Chrysene	LS-A-A04	Innovation Campus	3	1.1 - 4.3	2.4	760	230
SVOC	Chrysene	LS-A-B02	Innovation Campus	14	0.0479 - 3.3	0.64	760	230
SVOC	Chrysene	LS-A-B03	Innovation Campus	4	0.0254 - 0.326	0.12	760	230
SVOC	Chrysene	LS-A-C01	Innovation Campus	31	U (19) - 300	15	760	230
SVOC	Chrysene	LS-A-C02	Innovation Campus	12	U (19) - 13	3.2	760	230
SVOC	Chrysene	LS-A-C04	Innovation Campus	3	0.072 - 0.25	0.11	760	230
SVOC	Chrysene	LS-A-D01	Innovation Campus	5	0.481 - 3.67	1.3	760	230
SVOC	Chrysene	LS-A-D02	Innovation Campus	1	3.8 - 3.8	3.8	760	230
SVOC	Chrysene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	760	230
SVOC	Chrysene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	760	230
SVOC	Chrysene	LS-A-D05	Innovation Campus	6	U (1) - 1.9	0.67	760	230
SVOC	Chrysene	LS-A-D06	Innovation Campus	2	U (0.364)	0.14	760	230

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Chrysene	LS-A-D07	Innovation Campus	2	0.371 - 0.371	1.1	760	230
SVOC	Chrysene	LS-A-E01	Innovation Campus	3	0.486 - 0.486	0.63	760	230
SVOC	Chrysene	LS-A-E03	Innovation Campus	1	0.68 - 0.68	0.68	760	230
SVOC	Chrysene	LS-A-E04	Innovation Campus	2	U (22.3)	5.6	760	230
SVOC	Chrysene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	760	230
SVOC	Chrysene	LS-A-E07	Innovation Campus	1	0.65 - 0.65	0.65	760	230
SVOC	Chrysene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	760	230
SVOC	Chrysene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	760	230
SVOC	Chrysene	LS-A-F02	Innovation Campus	3	13 - 13	5.3	760	230
SVOC	Chrysene	LS-A-F03	Innovation Campus	1	2.7 - 2.7	2.7	760	230
SVOC	Chrysene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.25	0.13	760	230
SVOC	Chrysene	LS-A-F05	Innovation Campus	1	35 - 35	35	760	230
SVOC	Chrysene	LS-A-G01	Innovation Campus	3	0.51 - 1.4	0.87	760	230
SVOC	Chrysene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	760	230
SVOC	Chrysene	LS-A-G03	Innovation Campus	3	6.08 - 6.08	2.8	760	230
SVOC	Chrysene	LS-A-G07	Innovation Campus	3	0.244 - 20.7	12	760	230
SVOC	Chrysene	LS-A-G08	Innovation Campus	2	2.21 - 3.21	2.7	760	230
SVOC	Chrysene	LS-A-H03	Innovation Campus	2	0.22 - 0.429	0.32	760	230
SVOC	Chrysene	LS-A-H04	Innovation Campus	2	0.69 - 0.69	0.85	760	230
SVOC	Chrysene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	760	230
SVOC	Chrysene	LS-A-H07	Innovation Campus	2	0.178 - 0.178	0.57	760	230
SVOC	Chrysene	LS-A-I01	Innovation Campus	6	0.471 - 0.471	2.5	760	230
SVOC	Chrysene	LS-A-I02	Innovation Campus	1	U (5)	2.5	760	230
SVOC	Chrysene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.62	1.4	760	230
SVOC	Chrysene	LS-B-B01	Innovation Campus	1	0.0024 - 0.0024	0.0024	760	230
SVOC	Chrysene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.27	0.10	760	230
SVOC	Chrysene	LS-B-E01	Innovation Campus	4	0.19 - 2.67	1.6	760	230
SVOC	Chrysene	LS-B-G02	Innovation Campus	1	7.15 - 7.15	7.2	760	230
SVOC	Chrysene	LS-B-H02	Innovation Campus	3	U (1) - 1.9	0.67	760	230
SVOC	Chrysene	LS-E-B01	Innovation Campus	81	0.0045 - 110	10	760	230
SVOC	Chrysene	LS-E-G01	Innovation Campus	4	1 - 3.97	1.9	760	230
SVOC	Fluorene	401-MA3-1-02	Major Amendment 3 Resampling	4	U (0.11) - 0.0757	0.042	130000	3800
SVOC	Fluorene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.0586 - 1.5	0.37	130000	3800
SVOC	Fluorene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0022 - 0.58	0.10	130000	3800
SVOC	Fluorene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.075) - 0.717	0.17	130000	3800
SVOC	Fluorene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17)	0.041	130000	3800
SVOC	Fluorene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.576 - 0.576	0.20	130000	3800
SVOC	Fluorene	401-MA3-1-18	Major Amendment 3 Resampling	1	3.3 - 3.3	3.3	130000	3800
SVOC	Fluorene	401-MA3-1-21	Major Amendment 3 Resampling	3	U (8.5) - 22	7.3	130000	3800
SVOC	Fluorene	401-MA3-1-23	Major Amendment 3 Resampling	5	0.031 - 1.7	0.67	130000	3800
SVOC	Fluorene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.22 - 0.22	0.15	130000	3800
SVOC	Fluorene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.038 - 0.7	0.27	130000	3800
SVOC	Fluorene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.11 - 0.11	0.059	130000	3800
SVOC	Fluorene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	130000	3800
SVOC	Fluorene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.0338 - 0.777	0.22	130000	3800
SVOC	Fluorene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.088	0.067	130000	3800
SVOC	Fluorene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.0485 - 3.62	0.81	130000	3800
SVOC	Fluorene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 3.5	1.2	130000	3800
SVOC	Fluorene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.76 - 2.1	1.3	130000	3800
SVOC	Fluorene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.84 - 0.84	0.42	130000	3800
SVOC	Fluorene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.54 - 1.7	0.63	130000	3800
SVOC	Fluorene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.019)	0.010	130000	3800
SVOC	Fluorene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.56 - 1	0.39	130000	3800
SVOC	Fluorene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.87) - 4.6	0.66	130000	3800
SVOC	Fluorene	401-MA3-1-61	Major Amendment 3 Resampling	3	0.024 - 0.024	0.014	130000	3800
SVOC	Fluorene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (1.9)	0.95	130000	3800
SVOC	Fluorene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088)	0.021	130000	3800
SVOC	Fluorene	401-MA3-1-72	Major Amendment 3 Resampling	9	0.16 - 13	2.2	130000	3800
SVOC	Fluorene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.008 - 8.2	0.62	130000	3800
SVOC	Fluorene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.21 - 0.39	0.15	130000	3800
SVOC	Fluorene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	403-MA3-1-04	Major Amendment 3 Resampling	1	0.55 - 0.55	0.55	130000	3800
SVOC	Fluorene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	130000	3800
SVOC	Fluorene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.042 - 0.0506	0.041	130000	3800
SVOC	Fluorene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	130000	3800
SVOC	Fluorene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (4.1) - 11	2.0	130000	3800
SVOC	Fluorene	404-MA3-1-02	Major Amendment 3 Resampling	7	U (0.23) - 6.3	2.2	130000	3800
SVOC	Fluorene	404-MA3-1-05	Major Amendment 3 Resampling	68	U (0.97) - 6.4	0.39	130000	3800
SVOC	Fluorene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 0.42	0.37	130000	3800
SVOC	Fluorene	401-A01	Major Amendment 3	4	U (0.11) - 0.0757	0.042	130000	3800
SVOC	Fluorene	401-E02	Major Amendment 3	24	0.0022 - 1.5	0.23	130000	3800
SVOC	Fluorene	401-F01	Major Amendment 3	8	U (0.075) - 0.717	0.17	130000	3800
SVOC	Fluorene	401-G01	Major Amendment 3	3	U (0.17)	0.041	130000	3800
SVOC	Fluorene	401-H01	Major Amendment 3	3	0.576 - 0.576	0.20	130000	3800
SVOC	Fluorene	401-I01	Major Amendment 3	1	3.3 - 3.3	3.3	130000	3800
SVOC	Fluorene	401-J01	Major Amendment 3	3	U (8.5) - 22	7.3	130000	3800
SVOC	Fluorene	401-K01	Major Amendment 3	5	0.031 - 1.7	0.67	130000	3800
SVOC	Fluorene	401-L01	Major Amendment 3	2	0.22 - 0.22	0.15	130000	3800
SVOC	Fluorene	401-L02	Major Amendment 3	6	0.038 - 0.7	0.15	130000	3800
SVOC	Fluorene	401-N01	Major Amendment 3	2	0.11 - 0.11	0.059	130000	3800
SVOC	Fluorene	401-O01	Major Amendment 3	1	U (0.033)	0.017	130000	3800
SVOC	Fluorene	401-P01	Major Amendment 3	5	0.0338 - 0.777	0.22	130000	3800
SVOC	Fluorene	401-Q01	Major Amendment 3	33	0.00085 - 242	10	130000	3800

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Fluorene	401-R01	Major Amendment 3	9	0.16 - 13	2.2	130000	3800
SVOC	Fluorene	402-A01	Major Amendment 3	41	0.017 - 10	1.4	130000	3800
SVOC	Fluorene	402-B01	Major Amendment 3	56	0.06 - 35	2.1	130000	3800
SVOC	Fluorene	402-C01	Major Amendment 3	3	0.26 - 0.26	0.12	130000	3800
SVOC	Fluorene	403-A01	Major Amendment 3	2	U (0.19)	0.058	130000	3800
SVOC	Fluorene	403-B01	Major Amendment 3	13	0.21 - 0.39	0.15	130000	3800
SVOC	Fluorene	403-C01	Major Amendment 3	8	U (1.4) - 27	3.4	130000	3800
SVOC	Fluorene	403-C02	Major Amendment 3	1	0.55 - 0.55	0.55	130000	3800
SVOC	Fluorene	403-E01	Major Amendment 3	1	U (0.039)	0.020	130000	3800
SVOC	Fluorene	403-F01	Major Amendment 3	7	0.0205 - 0.67	0.11	130000	3800
SVOC	Fluorene	403-G01	Major Amendment 3	2	U (0.18)	0.054	130000	3800
SVOC	Fluorene	404-A01	Major Amendment 3	19	0.0162 - 1.8	0.27	130000	3800
SVOC	Fluorene	404-B01	Major Amendment 3	24	U (1.2) - 42.8	3.1	130000	3800
SVOC	Fluorene	404-B02	Major Amendment 3	6	U (2) - 0.42	0.37	130000	3800
SVOC	Fluorene	404-C01	Major Amendment 3	3	0.365 - 54	24	130000	3800
SVOC	Fluorene	404-D01	Major Amendment 3	6	0.0223 - 5.41	1.1	130000	3800
SVOC	Fluorene	404-E01	Major Amendment 3	30	U (0.973) - 48.5	11	130000	3800
SVOC	Fluorene	404-F01	Major Amendment 3	22	0.0903 - 105	16	130000	3800
SVOC	Fluorene	201-A01	Phase 1A	7	U (0.21) - 0.75	0.20	130000	3800
SVOC	Fluorene	201-A02	Phase 1A	14	0.021 - 1.5	0.27	130000	3800
SVOC	Fluorene	201-A03	Phase 1A	7	U (0.2) - 0.22	0.12	130000	3800
SVOC	Fluorene	201-A04	Phase 1A	29	0.022 - 2.3	0.27	130000	3800
SVOC	Fluorene	201-A05	Phase 1A	9	0.002 - 0.36	0.099	130000	3800
SVOC	Fluorene	201-A06	Phase 1A	7	0.0013 - 0.64	0.20	130000	3800
SVOC	Fluorene	201-A07	Phase 1A	9	0.0056 - 0.12	0.042	130000	3800
SVOC	Fluorene	201-A08	Phase 1A	7	0.0013 - 0.016	0.0070	130000	3800
SVOC	Fluorene	201-A09	Phase 1A	7	0.0056 - 0.72	0.12	130000	3800
SVOC	Fluorene	201-A10	Phase 1A	3	U (0.039) - 0.04	0.016	130000	3800
SVOC	Fluorene	201-A11	Phase 1A	4	0.0011 - 0.28	0.15	130000	3800
SVOC	Fluorene	201-A12	Phase 1A	6	0.01 - 0.66	0.22	130000	3800
SVOC	Fluorene	201-A13	Phase 1A	4	0.0053 - 0.066	0.023	130000	3800
SVOC	Fluorene	201-A14	Phase 1A	9	0.014 - 2.5	0.57	130000	3800
SVOC	Fluorene	201-B02	Phase 1A	2	0.14 - 0.26	0.20	130000	3800
SVOC	Fluorene	201-B04	Phase 1A	3	0.033 - 0.19	0.075	130000	3800
SVOC	Fluorene	201-B05	Phase 1A	3	0.024 - 2.1	1.3	130000	3800
SVOC	Fluorene	201-B08	Phase 1A	4	U (0.0041) - 0.096	0.044	130000	3800
SVOC	Fluorene	201-C01	Phase 1A	14	0.032 - 1.7	0.41	130000	3800
SVOC	Fluorene	201-C04	Phase 1A	11	0.043 - 1.8	0.93	130000	3800
SVOC	Fluorene	201-C05	Phase 1A	3	U (2.6) - 0.076	0.47	130000	3800
SVOC	Fluorene	201-C07	Phase 1A	8	0.17 - 2	1.1	130000	3800
SVOC	Fluorene	201-C08	Phase 1A	11	0.027 - 2.4	0.31	130000	3800
SVOC	Fluorene	201-C09	Phase 1A	7	U (0.18) - 0.019	0.077	130000	3800
SVOC	Fluorene	201-C10	Phase 1A	3	U (0.4) - 0.408	0.29	130000	3800
SVOC	Fluorene	201-D01	Phase 1A	4	U (0.42) - 0.609	0.34	130000	3800
SVOC	Fluorene	201-D05	Phase 1A	4	0.0054 - 5	2.4	130000	3800
SVOC	Fluorene	201-D12	Phase 1A	3	U (0.2)	0.093	130000	3800
SVOC	Fluorene	201-E01	Phase 1A	43	U (0.21) - 2.1	0.23	130000	3800
SVOC	Fluorene	201-E02	Phase 1A	1	U (0.21)	0.11	130000	3800
SVOC	Fluorene	201-E03	Phase 1A	3	0.25 - 0.25	0.16	130000	3800
SVOC	Fluorene	201-E04	Phase 1A	3	U (0.59) - 2.2	1.1	130000	3800
SVOC	Fluorene	201-E05	Phase 1A	22	0.0035 - 0.35	0.085	130000	3800
SVOC	Fluorene	201-F01	Phase 1A	36	0.068 - 7.8	0.42	130000	3800
SVOC	Fluorene	201-F02	Phase 1A	4	0.0034 - 12	3.2	130000	3800
SVOC	Fluorene	201-F03	Phase 1A	25	0.011 - 1.3	0.15	130000	3800
SVOC	Fluorene	201-F04	Phase 1A	21	U (0.41) - 2.6	0.32	130000	3800
SVOC	Fluorene	202-A03	Phase 1A	8	0.015 - 0.99	0.40	130000	3800
SVOC	Fluorene	202-A04	Phase 1A	4	0.1 - 2	0.61	130000	3800
SVOC	Fluorene	202-A05	Phase 1A	4	U (0.2) - 0.46	0.14	130000	3800
SVOC	Fluorene	202-A06	Phase 1A	4	U (0.19)	0.091	130000	3800
SVOC	Fluorene	202-A07	Phase 1A	3	U (0.2)	0.098	130000	3800
SVOC	Fluorene	202-A08	Phase 1A	3	U (0.21)	0.10	130000	3800
SVOC	Fluorene	202-A09	Phase 1A	6	U (0.2)	0.098	130000	3800
SVOC	Fluorene	202-B01	Phase 1A	2	U (0.21)	0.10	130000	3800
SVOC	Fluorene	202-B02	Phase 1A	8	0.079 - 0.64	0.30	130000	3800
SVOC	Fluorene	202-B03	Phase 1A	15	0.018 - 1.1	0.18	130000	3800
SVOC	Fluorene	202-B04	Phase 1A	3	0.19 - 0.51	0.26	130000	3800
SVOC	Fluorene	202-B05	Phase 1A	4	0.069 - 0.069	0.032	130000	3800
SVOC	Fluorene	202-B09	Phase 1A	9	U (0.99) - 1.2	0.30	130000	3800
SVOC	Fluorene	202-C04	Phase 1A	15	U (3.7) - 0.061	0.28	130000	3800
SVOC	Fluorene	202-C05	Phase 1A	10	0.0067 - 1	0.31	130000	3800
SVOC	Fluorene	202-C06	Phase 1A	4	0.0057 - 0.069	0.049	130000	3800
SVOC	Fluorene	202-C07	Phase 1A	8	U (0.43) - 1.8	0.39	130000	3800
SVOC	Fluorene	202-C08	Phase 1A	4	0.34 - 0.57	0.35	130000	3800
SVOC	Fluorene	202-C10	Phase 1A	1	U (0.38)	0.19	130000	3800
SVOC	Fluorene	202-D05	Phase 1A	5	U (0.36) - 12	2.4	130000	3800
SVOC	Fluorene	202-D06	Phase 1A	11	U (2) - 2.8	0.86	130000	3800
SVOC	Fluorene	202-E06	Phase 1A	2	U (0.2)	0.093	130000	3800
SVOC	Fluorene	202-E08	Phase 1A	13	U (0.38) - 0.31	0.12	130000	3800
SVOC	Fluorene	202-E09	Phase 1A	16	U (0.41) - 0.47	0.15	130000	3800
SVOC	Fluorene	202-E10	Phase 1A	6	U (0.45) - 0.35	0.18	130000	3800
SVOC	Fluorene	202-E11	Phase 1A	2	U (0.41) - 1.2	0.70	130000	3800
SVOC	Fluorene	202-E12	Phase 1A	4	U (0.42)	0.10	130000	3800
SVOC	Fluorene	202-E13	Phase 1A	2	U (0.38) - 1.2	0.70	130000	3800

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Fluorene	202-E15	Phase 1A	2	3.3 - 3.3	1.7	130000	3800
SVOC	Fluorene	202-F01	Phase 1A	7	0.38 - 2.2	0.75	130000	3800
SVOC	Fluorene	202-F04	Phase 1A	10	0.069 - 0.59	0.17	130000	3800
SVOC	Fluorene	202-F05	Phase 1A	2	U (0.18)	0.055	130000	3800
SVOC	Fluorene	202-F06	Phase 1A	2	U (0.43)	0.12	130000	3800
SVOC	Fluorene	202-F07	Phase 1A	17	0.13 - 10	0.93	130000	3800
SVOC	Fluorene	202-F08	Phase 1A	4	U (0.21)	0.061	130000	3800
SVOC	Fluorene	202-F10	Phase 1A	2	U (0.2)	0.10	130000	3800
SVOC	Fluorene	202-F14	Phase 1A	2	U (0.038)	0.019	130000	3800
SVOC	Fluorene	202-F16	Phase 1A	4	U (0.4) - 0.39	0.20	130000	3800
SVOC	Fluorene	202-F17	Phase 1A	8	U (0.19)	0.093	130000	3800
SVOC	Fluorene	202-G01	Phase 1A	8	U (0.35)	0.10	130000	3800
SVOC	Fluorene	202-G02	Phase 1A	14	U (4) - 14	1.1	130000	3800
SVOC	Fluorene	202-G03	Phase 1A	9	U (0.19)	0.080	130000	3800
SVOC	Fluorene	202-G04	Phase 1A	3	U (0.2) - 1.2	0.45	130000	3800
SVOC	Fluorene	202-G05	Phase 1A	6	U (0.41) - 0.49	0.18	130000	3800
SVOC	Fluorene	202-G07	Phase 1A	16	U (0.19) - 0.88	0.14	130000	3800
SVOC	Fluorene	202-H01	Phase 1A	2	U (0.39) - 0.42	0.30	130000	3800
SVOC	Fluorene	202-H03	Phase 1A	10	1.6 - 6.14	1.8	130000	3800
SVOC	Fluorene	202-H05	Phase 1A	8	U (0.43) - 4.2	0.68	130000	3800
SVOC	Fluorene	202-H06	Phase 1A	2	U (0.04)	0.019	130000	3800
SVOC	Fluorene	202-H07	Phase 1A	2	U (0.037)	0.018	130000	3800
SVOC	Fluorene	202-H08	Phase 1A	3	U (0.2)	0.090	130000	3800
SVOC	Fluorene	202-H11	Phase 1A	10	U (0.2) - 0.39	0.13	130000	3800
SVOC	Fluorene	202-I01	Phase 1A	2	U (0.2)	0.095	130000	3800
SVOC	Fluorene	202-I04	Phase 1A	4	U (0.19)	0.089	130000	3800
SVOC	Fluorene	202-J03	Phase 1A	7	0.75 - 8.63	3.4	130000	3800
SVOC	Fluorene	202-J04	Phase 1A	8	0.16 - 15	3.7	130000	3800
SVOC	Fluorene	202-J05	Phase 1A	6	U (0.023) - 0.021	0.0085	130000	3800
SVOC	Fluorene	202-J07	Phase 1A	7	0.012 - 0.221	0.10	130000	3800
SVOC	Fluorene	202-J08	Phase 1A	1	0.11 - 0.11	0.11	130000	3800
SVOC	Fluorene	202-J09	Phase 1A	2	U (0.022) - 0.3	0.15	130000	3800
SVOC	Fluorene	301-AA01	Phase 1A	1	U (0.04)	0.020	130000	3800
SVOC	Fluorene	301-AA02	Phase 1B	2	U (0.039)	0.019	130000	3800
SVOC	Fluorene	301-AA05	Phase 1B	11	0.03 - 1.5	0.62	130000	3800
SVOC	Fluorene	301-AA06	Phase 1A	11	0.002 - 2.4	0.45	130000	3800
SVOC	Fluorene	301-AA07	Phase 1A	4	U (0.2) - 2.2	0.58	130000	3800
SVOC	Fluorene	301-AA08	Phase 1A	3	U (0.02) - 0.061	0.036	130000	3800
SVOC	Fluorene	301-AA09	Phase 1A	3	0.021 - 0.22	0.099	130000	3800
SVOC	Fluorene	301-AB04	Phase 1A	3	0.057 - 0.29	0.17	130000	3800
SVOC	Fluorene	301-AB05	Phase 1B	6	0.12 - 2.08	0.44	130000	3800
SVOC	Fluorene	301-AB06	Phase 1A	2	U (0.18)	0.090	130000	3800
SVOC	Fluorene	301-AB07	Phase 1A	1	U (0.2)	0.10	130000	3800
SVOC	Fluorene	301-AB09	Phase 1A	2	U (0.876) - 2.57	1.3	130000	3800
SVOC	Fluorene	301-AC03	Phase 1B	2	0.0548 - 0.0548	0.075	130000	3800
SVOC	Fluorene	301-AC04	Phase 1A	25	U (0.94) - 5.3	0.29	130000	3800
SVOC	Fluorene	301-AC07	Phase 1A	10	U (0.94) - 4	0.49	130000	3800
SVOC	Fluorene	301-AC08	Phase 1A	7	U (1.8) - 8.5	1.3	130000	3800
SVOC	Fluorene	301-AC09	Phase 1A	6	U (0.39)	0.036	130000	3800
SVOC	Fluorene	301-B01	Phase 1A	1	U (0.018)	0.0090	130000	3800
SVOC	Fluorene	301-C01	Phase 1A	3	0.011 - 8	2.7	130000	3800
SVOC	Fluorene	301-C02	Phase 1A	7	U (0.39) - 0.21	0.097	130000	3800
SVOC	Fluorene	301-D01	Phase 1A	13	0.06 - 0.74	0.15	130000	3800
SVOC	Fluorene	301-E02	Phase 1A	14	U (0.58) - 2	0.29	130000	3800
SVOC	Fluorene	301-E03	Phase 1A	4	U (0.021) - 1.4	0.42	130000	3800
SVOC	Fluorene	301-G01	Phase 1A	2	0.0078 - 0.093	0.050	130000	3800
SVOC	Fluorene	301-G02	Phase 1A	3	0.1 - 0.12	0.11	130000	3800
SVOC	Fluorene	301-G03	Phase 1A	1	0.45 - 0.45	0.45	130000	3800
SVOC	Fluorene	301-H02	Phase 1A	3	0.071 - 0.12	0.064	130000	3800
SVOC	Fluorene	301-H03	Phase 1A	2	0.022 - 0.049	0.036	130000	3800
SVOC	Fluorene	301-L01	Phase 1C	7	0.22 - 2.1	0.61	130000	3800
SVOC	Fluorene	301-N02	Phase 1A	3	0.12 - 0.21	0.16	130000	3800
SVOC	Fluorene	301-P02	Phase 1A	2	0.215 - 7.97	4.1	130000	3800
SVOC	Fluorene	301-Q04	Phase 1A	6	U (0.4) - 0.156	0.16	130000	3800
SVOC	Fluorene	301-R02	Phase 1A	6	U (0.087) - 0.073	0.031	130000	3800
SVOC	Fluorene	301-S02	Phase 1A	4	0.024 - 0.024	0.021	130000	3800
SVOC	Fluorene	301-S03	Phase 1A	1	U (0.036)	0.018	130000	3800
SVOC	Fluorene	301-T01	Phase 1B	5	U (5.3) - 0.221	1.2	130000	3800
SVOC	Fluorene	301-T02	Phase 1B	7	0.18 - 13	2.8	130000	3800
SVOC	Fluorene	301-T03	Phase 1C	2	0.16 - 0.16	0.10	130000	3800
SVOC	Fluorene	301-T04	Phase 1A	2	U (0.09)	0.027	130000	3800
SVOC	Fluorene	301-U01	Phase 1B	2	U (0.19) - 0.39	0.20	130000	3800
SVOC	Fluorene	301-U03	Phase 1B	1	U (0.17)	0.085	130000	3800
SVOC	Fluorene	301-V01	Phase 1B	7	U (0.041) - 0.828	0.24	130000	3800
SVOC	Fluorene	301-V02	Phase 1B	19	0.0011 - 3.5	0.48	130000	3800
SVOC	Fluorene	301-V04	Phase 1A	29	U (0.2) - 0.51	0.090	130000	3800
SVOC	Fluorene	301-W01	Phase 1B	24	0.0452 - 2.1	0.17	130000	3800
SVOC	Fluorene	301-W03	Phase 1A	4	U (0.017) - 0.009	0.0086	130000	3800
SVOC	Fluorene	301-X01	Phase 1B	11	0.011 - 1.3	0.41	130000	3800
SVOC	Fluorene	301-X03	Phase 1A	3	0.52 - 0.52	0.18	130000	3800
SVOC	Fluorene	301-Y01	Phase 1B	10	U (0.36) - 1.39	0.18	130000	3800
SVOC	Fluorene	301-Y02	Phase 1B	4	U (0.17) - 2.4	0.63	130000	3800
SVOC	Fluorene	301-Y03	Phase 1A	2	U (0.04)	0.019	130000	3800

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Fluorene	301-Y04	Phase 1A	3	0.018 - 0.22	0.082	130000	3800
SVOC	Fluorene	301-Y05	Phase 1A	6	0.014 - 0.68	0.18	130000	3800
SVOC	Fluorene	301-Z01	Phase 1B	6	0.021 - 0.021	0.019	130000	3800
SVOC	Fluorene	301-Z02	Phase 1B	2	U (0.18)	0.054	130000	3800
SVOC	Fluorene	301-Z03	Phase 1B	5	U (0.41) - 6.31	1.8	130000	3800
SVOC	Fluorene	301-Z04	Phase 1A	14	0.1 - 4.7	0.95	130000	3800
SVOC	Fluorene	302-AD02	Phase 1C	2	U (0.19)	0.057	130000	3800
SVOC	Fluorene	302-AD06	Phase 1B	12	U (0.23) - 0.045	0.056	130000	3800
SVOC	Fluorene	302-AD07	Phase 1B	2	U (0.18)	0.088	130000	3800
SVOC	Fluorene	302-AD08	Phase 1A	2	U (0.17)	0.085	130000	3800
SVOC	Fluorene	302-AD09	Phase 1A	3	U (0.1)	0.029	130000	3800
SVOC	Fluorene	302-AD10	Phase 1A	4	0.19 - 2.1	0.80	130000	3800
SVOC	Fluorene	302-AE03	Phase 1B	4	0.035 - 7.7	2.1	130000	3800
SVOC	Fluorene	302-AE04	Phase 1B	8	U (0.93) - 0.061	0.12	130000	3800
SVOC	Fluorene	302-AE05	Phase 1B	20	U (0.21) - 0.072	0.082	130000	3800
SVOC	Fluorene	302-AE07	Phase 1B	3	U (0.11) - 0.394	0.17	130000	3800
SVOC	Fluorene	302-AE08	Phase 1B	3	U (0.19)	0.063	130000	3800
SVOC	Fluorene	302-AE09	Phase 1A	4	U (0.2)	0.073	130000	3800
SVOC	Fluorene	302-AF04	Phase 1B	22	0.0359 - 2.9	0.35	130000	3800
SVOC	Fluorene	302-AF05	Phase 1B	2	0.0275 - 0.25	0.14	130000	3800
SVOC	Fluorene	302-AF06	Phase 1A	8	0.036 - 1.9	0.31	130000	3800
SVOC	Fluorene	302-AF09	Phase 1B	5	U (0.04) - 0.402	0.096	130000	3800
SVOC	Fluorene	302-AG04	Phase 1B	9	U (0.18) - 2.7	0.58	130000	3800
SVOC	Fluorene	302-AG06	Phase 1B	5	U (0.041) - 0.0934	0.034	130000	3800
SVOC	Fluorene	302-AG07	Phase 1A	14	U (0.19) - 1	0.13	130000	3800
SVOC	Fluorene	302-AG08	Phase 1B	6	0.067 - 2.2	0.63	130000	3800
SVOC	Fluorene	302-AH01	Phase 1C	2	U (0.19)	0.057	130000	3800
SVOC	Fluorene	302-AH05	Phase 1B	11	0.05 - 3.37	0.77	130000	3800
SVOC	Fluorene	302-AH06	Phase 1B	4	U (0.0415)	0.019	130000	3800
SVOC	Fluorene	302-AH07	Phase 1B	21	U (0.37) - 0.39	0.094	130000	3800
SVOC	Fluorene	302-AH08	Phase 1B	13	U (0.041) - 1.2	0.13	130000	3800
SVOC	Fluorene	302-AI01	Phase 1C	2	U (0.04) - 0.0406	0.029	130000	3800
SVOC	Fluorene	302-AI05	Phase 1B	11	U (0.2) - 0.55	0.11	130000	3800
SVOC	Fluorene	302-AI06	Phase 1B	19	U (0.21) - 1.18	0.18	130000	3800
SVOC	Fluorene	302-AI07	Phase 1B	10	U (0.375) - 0.536	0.13	130000	3800
SVOC	Fluorene	302-AI08	Phase 1B	2	U (0.38)	0.11	130000	3800
SVOC	Fluorene	302-AI09	Phase 1B	3	U (0.041) - 0.043	0.027	130000	3800
SVOC	Fluorene	302-AJ05	Phase 1B	2	U (0.2)	0.10	130000	3800
SVOC	Fluorene	302-AJ06	Phase 1B	5	0.045 - 0.045	0.088	130000	3800
SVOC	Fluorene	302-AJ09	Phase 1A	13	0.39 - 17	4.6	130000	3800
SVOC	Fluorene	302-AK05	Phase 1B	5	0.19 - 0.59	0.17	130000	3800
SVOC	Fluorene	302-AK06	Phase 1A	3	U (0.42) - 0.5	0.27	130000	3800
SVOC	Fluorene	302-AK07	Phase 1B	13	U (0.0426) - 4.2	0.64	130000	3800
SVOC	Fluorene	302-AL01	Phase 1C	2	U (0.037)	0.018	130000	3800
SVOC	Fluorene	302-AL03	Phase 1B	2	3.37 - 3.37	1.7	130000	3800
SVOC	Fluorene	302-AL05	Phase 1B	13	U (0.42) - 0.6	0.26	130000	3800
SVOC	Fluorene	302-AL06	Phase 1A	13	0.2 - 0.4	0.26	130000	3800
SVOC	Fluorene	302-AL08	Phase 1B	2	U (0.041)	0.019	130000	3800
SVOC	Fluorene	302-AN01	Phase 1B	2	U (0.035)	0.017	130000	3800
SVOC	Fluorene	302-AN02	Phase 1A	2	U (0.198)	0.058	130000	3800
SVOC	Fluorene	302-AO03	Phase 1A	2	U (0.0418)	0.020	130000	3800
SVOC	Fluorene	302-AP02	Phase 1B	2	0.0347 - 0.29	0.16	130000	3800
SVOC	Fluorene	302-AP03	Phase 1B	23	0.181 - 0.181	0.079	130000	3800
SVOC	Fluorene	302-AP04	Phase 1B	2	0.231 - 0.231	0.13	130000	3800
SVOC	Fluorene	302-AP05	Phase 1B	2	U (0.035)	0.017	130000	3800
SVOC	Fluorene	302-AQ01	Phase 1B	2	0.18 - 0.18	0.095	130000	3800
SVOC	Fluorene	302-AQ02	Phase 1A	7	U (1.9) - 5.3	0.85	130000	3800
SVOC	Fluorene	302-AQ04	Phase 1B	2	U (0.11)	0.055	130000	3800
SVOC	Fluorene	302-AR01	Phase 1B	2	0.045 - 0.045	0.50	130000	3800
SVOC	Fluorene	302-AR02	Phase 1A	4	U (0.19) - 0.083	0.091	130000	3800
SVOC	Fluorene	302-AR04	Phase 1B	3	U (0.12)	0.050	130000	3800
SVOC	Fluorene	302-AS03	Phase 1A	13	U (0.2) - 1.23	0.20	130000	3800
SVOC	Fluorene	302-AS04	Phase 1B	2	0.103 - 0.103	0.062	130000	3800
SVOC	Fluorene	302-AT01	Phase 1B	2	U (0.23)	0.12	130000	3800
SVOC	Fluorene	302-AT02	Phase 1B	2	U (0.77) - 0.0294	0.21	130000	3800
SVOC	Fluorene	302-AT03	Phase 1B	4	U (0.039) - 0.831	0.22	130000	3800
SVOC	Fluorene	302-AU01	Phase 1B	4	U (0.075) - 0.45	0.14	130000	3800
SVOC	Fluorene	302-AU02	Phase 1B	8	U (4) - 0.052	0.33	130000	3800
SVOC	Fluorene	302-AU03	Phase 1B	2	U (0.19)	0.095	130000	3800
SVOC	Fluorene	302-AV01	Phase 1A	10	0.085 - 1.5	0.28	130000	3800
SVOC	Fluorene	302-AV02	Phase 1B	4	U (0.98) - 4.9	1.3	130000	3800
SVOC	Fluorene	302-AV03	Phase 1A	6	U (0.2) - 2.7	0.52	130000	3800
SVOC	Fluorene	302-AV04	Phase 1B	2	U (0.0415)	0.020	130000	3800
SVOC	Fluorene	302-AW01	Phase 1A	8	0.08 - 8.2	1.3	130000	3800
SVOC	Fluorene	302-AW02	Phase 1B	2	U (1.9)	0.53	130000	3800
SVOC	Fluorene	302-AW03	Phase 1A	2	U (0.2)	0.098	130000	3800
SVOC	Fluorene	302-AX01	Phase 1A	11	U (0.26) - 58	11	130000	3800
SVOC	Fluorene	302-AX02	Phase 1B	3	U (0.038)	0.018	130000	3800
SVOC	Fluorene	302-AX05	Phase 1A	2	U (0.0414)	0.020	130000	3800
SVOC	Fluorene	302-AY02	Phase 1B	13	0.21 - 360	49	130000	3800
SVOC	Fluorene	302-AY03	Phase 1B	2	0.031 - 0.031	0.025	130000	3800
SVOC	Fluorene	302-AY05	Phase 1B	2	U (0.19)	0.058	130000	3800
SVOC	Fluorene	302-AZ02	Phase 1B	8	0.0573 - 30	8.1	130000	3800

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Fluorene	302-AZ03	Phase 1B	1	U (2)	1.0	130000	3800
SVOC	Fluorene	302-AZ05	Phase 1A	2	U (0.41)	0.15	130000	3800
SVOC	Fluorene	302-BA03	Phase 1B	3	U (0.075)	0.037	130000	3800
SVOC	Fluorene	302-BA05	Phase 1A	2	0.203 - 2.37	1.3	130000	3800
SVOC	Fluorene	302-BB07	Phase 1B	9	0.027 - 0.205	0.11	130000	3800
SVOC	Fluorene	302-BB08	Phase 1B	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	302-BC05	Phase 1A	7	U (0.039) - 0.095	0.022	130000	3800
SVOC	Fluorene	302-BC06	Phase 1B	8	0.023 - 0.074	0.088	130000	3800
SVOC	Fluorene	302-BD05	Phase 1A	4	U (0.2)	0.098	130000	3800
SVOC	Fluorene	302-BE04	Phase 1A	5	U (0.2)	0.079	130000	3800
SVOC	Fluorene	303-AY01	Phase 1A	4	0.043 - 0.52	0.18	130000	3800
SVOC	Fluorene	303-AZ01	Phase 1A	5	0.063 - 2.2	1.2	130000	3800
SVOC	Fluorene	303-BA01	Phase 1A	8	U (0.71) - 0.3	0.16	130000	3800
SVOC	Fluorene	303-BA02	Phase 1A	10	U (16) - 400	52	130000	3800
SVOC	Fluorene	303-BB01	Phase 1A	2	0.26 - 0.26	0.18	130000	3800
SVOC	Fluorene	303-BB02	Phase 1A	5	2 - 13.3	3.9	130000	3800
SVOC	Fluorene	303-BC01	Phase 1A	4	U (0.038) - 0.0199	0.018	130000	3800
SVOC	Fluorene	303-BD04	Phase 1A	8	U (5.6) - 3.7	1.0	130000	3800
SVOC	Fluorene	303-BE03	Phase 1A	44	0.046 - 7.3	0.94	130000	3800
SVOC	Fluorene	303-BF05	Phase 1A	13	0.12 - 3.9	0.90	130000	3800
SVOC	Fluorene	303-BG04	Phase 1A	27	0.11 - 3	0.61	130000	3800
SVOC	Fluorene	303-BH02	Phase 1A	20	0.05 - 18	1.3	130000	3800
SVOC	Fluorene	303-BI03	Phase 1A	6	0.17 - 0.64	0.39	130000	3800
SVOC	Fluorene	303-BJ01	Phase 1A	3	4.8 - 8.1	6.0	130000	3800
SVOC	Fluorene	303-BJ02	Phase 1A	3	0.0334 - 0.202	0.085	130000	3800
SVOC	Fluorene	303-BK03	Phase 1A	7	0.11 - 1.4	0.45	130000	3800
SVOC	Fluorene	303-BL02	Phase 1A	10	0.024 - 2.7	0.48	130000	3800
SVOC	Fluorene	303-BM02	Phase 1A	2	2.23 - 2.23	1.1	130000	3800
SVOC	Fluorene	303-BN02	Phase 1A	15	U (0.42) - 66	4.8	130000	3800
SVOC	Fluorene	303-BN03	Phase 1A	14	0.0176 - 6.3	0.97	130000	3800
SVOC	Fluorene	303-BO02	Phase 1A	9	0.009 - 6.3	1.1	130000	3800
SVOC	Fluorene	303-BP02	Phase 1A	32	0.008 - 34.6	2.0	130000	3800
SVOC	Fluorene	303-BQ01	Phase 1A	4	0.229 - 5.64	2.6	130000	3800
SVOC	Fluorene	303-BQ02	Phase 1A	15	0.047 - 63	5.4	130000	3800
SVOC	Fluorene	303-BR02	Phase 1A	8	0.054 - 120	15	130000	3800
SVOC	Fluorene	303-BT01	Phase 1A	13	U (0.2) - 2	0.20	130000	3800
SVOC	Fluorene	303-BW01	Phase 1A	2	0.0199 - 0.0199	0.060	130000	3800
SVOC	Fluorene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	130000	3800
SVOC	Fluorene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 4.24	2.5	130000	3800
SVOC	Fluorene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7) - 10	3.7	130000	3800
SVOC	Fluorene	ParcelB-04	Innovation Campus, Parcel B	3	4.75 - 4.75	1.9	130000	3800
SVOC	Fluorene	ParcelB-06	Innovation Campus, Parcel B	2	1.09 - 1.09	2.4	130000	3800
SVOC	Fluorene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	130000	3800
SVOC	Fluorene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	130000	3800
SVOC	Fluorene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2)	1.6	130000	3800
SVOC	Fluorene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	130000	3800
SVOC	Fluorene	ParcelB-13	Innovation Campus, Parcel B	2	U (4.7)	1.4	130000	3800
SVOC	Fluorene	ParcelB-14	Innovation Campus, Parcel B	3	U (4.6)	0.81	130000	3800
SVOC	Fluorene	ParcelB-15	Innovation Campus, Parcel B	2	1.06 - 1.06	0.54	130000	3800
SVOC	Fluorene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	130000	3800
SVOC	Fluorene	ParcelB-19	Innovation Campus, Parcel B	1	1.2 - 1.2	1.2	130000	3800
SVOC	Fluorene	ParcelB-20	Innovation Campus, Parcel B	3	21 - 21	8.0	130000	3800
SVOC	Fluorene	ParcelB-21	Innovation Campus, Parcel B	3	U (4.28)	0.93	130000	3800
SVOC	Fluorene	101-D20-C	Innovation Campus	20	U (0.464) - 1.8	0.16	130000	3800
SVOC	Fluorene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	130000	3800
SVOC	Fluorene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	130000	3800
SVOC	Fluorene	101-H24-C	Innovation Campus	2	0.0203 - 0.0203	0.050	130000	3800
SVOC	Fluorene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	101-I25-C	Innovation Campus	2	1.03 - 1.03	0.52	130000	3800
SVOC	Fluorene	101-J23-C	Innovation Campus	2	0.0274 - 0.338	0.18	130000	3800
SVOC	Fluorene	101-L31-C	Innovation Campus	2	U (0.0437)	0.021	130000	3800
SVOC	Fluorene	101-U37-C	Innovation Campus	5	0.0491 - 0.0732	0.78	130000	3800
SVOC	Fluorene	102-E08-C	Innovation Campus	3	4.75 - 4.75	1.9	130000	3800
SVOC	Fluorene	102-G23-C	Innovation Campus	2	0.0497 - 0.0497	5.1	130000	3800
SVOC	Fluorene	103-A10-C	Innovation Campus	6	U (8.73) - 2.1	2.0	130000	3800
SVOC	Fluorene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	130000	3800
SVOC	Fluorene	103-A14-S	Innovation Campus	1	U (5.2)	2.6	130000	3800
SVOC	Fluorene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	130000	3800
SVOC	Fluorene	103-A17-S	Innovation Campus	1	2.1 - 2.1	2.1	130000	3800
SVOC	Fluorene	103-H01-C	Innovation Campus	2	U (4.7)	1.4	130000	3800
SVOC	Fluorene	104-K10-C	Innovation Campus	2	U (0.202)	0.060	130000	3800
SVOC	Fluorene	LS-A-A01	Innovation Campus	1	2 - 2	2.0	130000	3800
SVOC	Fluorene	LS-A-A02	Innovation Campus	2	U (0.17)	0.053	130000	3800
SVOC	Fluorene	LS-A-A03	Innovation Campus	1	0.185 - 0.185	0.19	130000	3800
SVOC	Fluorene	LS-A-A04	Innovation Campus	3	0.226 - 0.72	0.35	130000	3800
SVOC	Fluorene	LS-A-B02	Innovation Campus	14	0.073 - 0.51	0.19	130000	3800
SVOC	Fluorene	LS-A-B03	Innovation Campus	4	U (0.211)	0.039	130000	3800
SVOC	Fluorene	LS-A-C01	Innovation Campus	28	U (19) - 25	2.2	130000	3800
SVOC	Fluorene	LS-A-C02	Innovation Campus	12	0.067 - 0.35	1.1	130000	3800
SVOC	Fluorene	LS-A-C04	Innovation Campus	3	0.101 - 0.28	0.21	130000	3800
SVOC	Fluorene	LS-A-D01	Innovation Campus	5	U (1.99) - 5.95	1.5	130000	3800
SVOC	Fluorene	LS-A-D02	Innovation Campus	1	U (1.9)	0.95	130000	3800
SVOC	Fluorene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	130000	3800

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Fluorene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	130000	3800
SVOC	Fluorene	LS-A-D05	Innovation Campus	6	U (1) - 1.1	0.34	130000	3800
SVOC	Fluorene	LS-A-D06	Innovation Campus	2	0.117 - 0.117	0.11	130000	3800
SVOC	Fluorene	LS-A-D07	Innovation Campus	2	0.733 - 0.733	1.3	130000	3800
SVOC	Fluorene	LS-A-E01	Innovation Campus	3	0.406 - 0.406	0.60	130000	3800
SVOC	Fluorene	LS-A-E03	Innovation Campus	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	LS-A-E04	Innovation Campus	2	U (4.46) - 19	9.5	130000	3800
SVOC	Fluorene	LS-A-E05	Innovation Campus	1	1.2 - 1.2	1.2	130000	3800
SVOC	Fluorene	LS-A-E07	Innovation Campus	7	2.4 - 7.4	4.4	130000	3800
SVOC	Fluorene	LS-A-E08	Innovation Campus	6	1.6 - 6.5	3.4	130000	3800
SVOC	Fluorene	LS-A-F01	Innovation Campus	3	9.05 - 9.05	3.8	130000	3800
SVOC	Fluorene	LS-A-F02	Innovation Campus	3	21 - 21	8.0	130000	3800
SVOC	Fluorene	LS-A-F03	Innovation Campus	1	U (0.98)	0.49	130000	3800
SVOC	Fluorene	LS-A-F04	Innovation Campus	12	U (0.94)	0.11	130000	3800
SVOC	Fluorene	LS-A-F05	Innovation Campus	1	3.3 - 3.3	3.3	130000	3800
SVOC	Fluorene	LS-A-G01	Innovation Campus	3	0.938 - 1.2	1.1	130000	3800
SVOC	Fluorene	LS-A-G02	Innovation Campus	2	1.12 - 1.39	1.3	130000	3800
SVOC	Fluorene	LS-A-G03	Innovation Campus	3	1.06 - 1.06	1.1	130000	3800
SVOC	Fluorene	LS-A-G07	Innovation Campus	3	U (4.28)	0.93	130000	3800
SVOC	Fluorene	LS-A-G08	Innovation Campus	2	U (2.06)	1.0	130000	3800
SVOC	Fluorene	LS-A-H03	Innovation Campus	2	0.337 - 0.337	0.22	130000	3800
SVOC	Fluorene	LS-A-H04	Innovation Campus	2	0.304 - 0.304	0.66	130000	3800
SVOC	Fluorene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	130000	3800
SVOC	Fluorene	LS-A-H07	Innovation Campus	2	0.166 - 0.166	0.56	130000	3800
SVOC	Fluorene	LS-A-I01	Innovation Campus	6	1.09 - 1.09	2.6	130000	3800
SVOC	Fluorene	LS-A-I02	Innovation Campus	1	U (5)	2.5	130000	3800
SVOC	Fluorene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.06	0.85	130000	3800
SVOC	Fluorene	LS-B-B01	Innovation Campus	1	0.018 - 0.018	0.018	130000	3800
SVOC	Fluorene	LS-B-C01	Innovation Campus	3	U (0.19)	0.044	130000	3800
SVOC	Fluorene	LS-B-E01	Innovation Campus	4	0.338 - 5.82	2.3	130000	3800
SVOC	Fluorene	LS-B-G02	Innovation Campus	1	U (2.28)	1.1	130000	3800
SVOC	Fluorene	LS-B-H02	Innovation Campus	3	0.0496 - 0.0496	0.22	130000	3800
SVOC	Fluorene	LS-E-B01	Innovation Campus	81	0.0011 - 53	3.4	130000	3800
SVOC	Fluorene	LS-E-G01	Innovation Campus	4	U (0.97) - 0.896	0.56	130000	3800
SVOC	Naphthalene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.0425 - 0.0425	0.043	66	25
SVOC	Naphthalene	401-MA3-1-08	Major Amendment 3 Resampling	11	U (0.31) - 0.24	0.061	66	25
SVOC	Naphthalene	401-MA3-1-10	Major Amendment 3 Resampling	16	0.0046 - 31	2.1	66	25
SVOC	Naphthalene	401-MA3-1-11	Major Amendment 3 Resampling	17	0.0007 - 15	3.5	66	25
SVOC	Naphthalene	401-MA3-1-12	Major Amendment 3 Resampling	8	U (0.075) - 0.21	0.043	66	25
SVOC	Naphthalene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17)	0.041	66	25
SVOC	Naphthalene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.025 - 0.025	0.020	66	25
SVOC	Naphthalene	401-MA3-1-15	Major Amendment 3 Resampling	11	0.0007 - 8	0.76	66	25
SVOC	Naphthalene	401-MA3-1-16	Major Amendment 3 Resampling	1	1.7 - 1.7	1.7	66	25
SVOC	Naphthalene	401-MA3-1-17	Major Amendment 3 Resampling	7	0.032 - 1.3	0.42	66	25
SVOC	Naphthalene	401-MA3-1-18	Major Amendment 3 Resampling	1	1.4 - 1.4	1.4	66	25
SVOC	Naphthalene	401-MA3-1-21	Major Amendment 3 Resampling	8	U (12) - 120	17	66	25
SVOC	Naphthalene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.46) - 0.99	0.38	66	25
SVOC	Naphthalene	401-MA3-1-24	Major Amendment 3 Resampling	2	U (0.17)	0.051	66	25
SVOC	Naphthalene	401-MA3-1-25	Major Amendment 3 Resampling	3	U (0.32)	0.055	66	25
SVOC	Naphthalene	401-MA3-1-33	Major Amendment 3 Resampling	2	U (0.24)	0.12	66	25
SVOC	Naphthalene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	66	25
SVOC	Naphthalene	401-MA3-1-35	Major Amendment 3 Resampling	5	U (0.19) - 0.077	0.063	66	25
SVOC	Naphthalene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.25) - 1.2	0.66	66	25
SVOC	Naphthalene	401-MA3-1-49	Major Amendment 3 Resampling	6	U (0.403) - 64.9	12	66	25
SVOC	Naphthalene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.33)	0.15	66	25
SVOC	Naphthalene	401-MA3-1-55	Major Amendment 3 Resampling	3	U (1.9)	0.39	66	25
SVOC	Naphthalene	401-MA3-1-56	Major Amendment 3 Resampling	2	U (0.24)	0.061	66	25
SVOC	Naphthalene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.39 - 0.39	0.14	66	25
SVOC	Naphthalene	401-MA3-1-58	Major Amendment 3 Resampling	1	U (0.0064)	0.0032	66	25
SVOC	Naphthalene	401-MA3-1-59	Major Amendment 3 Resampling	4	3.6 - 3.6	0.94	66	25
SVOC	Naphthalene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.18) - 9.3	0.50	66	25
SVOC	Naphthalene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.0049)	0.0024	66	25
SVOC	Naphthalene	401-MA3-1-68	Major Amendment 3 Resampling	1	U (1.9)	0.95	66	25
SVOC	Naphthalene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.0054)	0.0025	66	25
SVOC	Naphthalene	401-MA3-1-72	Major Amendment 3 Resampling	9	0.037 - 4.7	1.2	66	25
SVOC	Naphthalene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.025 - 18	2.4	66	25
SVOC	Naphthalene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.81 - 1.6	0.34	66	25
SVOC	Naphthalene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.19)	0.095	66	25
SVOC	Naphthalene	403-MA3-1-04	Major Amendment 3 Resampling	5	0.062 - 0.064	0.081	66	25
SVOC	Naphthalene	403-MA3-1-09	Major Amendment 3 Resampling	13	U (0.21) - 1.8	0.24	66	25
SVOC	Naphthalene	403-MA3-1-11	Major Amendment 3 Resampling	7	U (0.2)	0.096	66	25
SVOC	Naphthalene	403-MA3-1-12	Major Amendment 3 Resampling	1	U (0.2)	0.10	66	25
SVOC	Naphthalene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.0527 - 1.5	0.52	66	25
SVOC	Naphthalene	403-MA3-1-18	Major Amendment 3 Resampling	4	U (0.2) - 0.11	0.080	66	25
SVOC	Naphthalene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (0.23) - 5	1.4	66	25
SVOC	Naphthalene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.0546 - 5.8	1.7	66	25
SVOC	Naphthalene	404-MA3-1-05	Major Amendment 3 Resampling	68	U (56) - 1.37	0.79	66	25
SVOC	Naphthalene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (0.21) - 0.329	0.14	66	25
SVOC	Naphthalene	401-A01	Major Amendment 3	4	0.0425 - 0.0425	0.043	66	25
SVOC	Naphthalene	401-E02	Major Amendment 3	44	U (1.3) - 31	2.1	66	25
SVOC	Naphthalene	401-F01	Major Amendment 3	8	U (0.075) - 0.21	0.043	66	25
SVOC	Naphthalene	401-G01	Major Amendment 3	3	U (0.17)	0.041	66	25
SVOC	Naphthalene	401-H01	Major Amendment 3	3	0.025 - 0.025	0.020	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Naphthalene	401-H02	Major Amendment 3	19	0.0007 - 8	0.69	66	25
SVOC	Naphthalene	401-I01	Major Amendment 3	1	1.4 - 1.4	1.4	66	25
SVOC	Naphthalene	401-J01	Major Amendment 3	8	U (12) - 120	17	66	25
SVOC	Naphthalene	401-K01	Major Amendment 3	5	U (0.46) - 0.99	0.38	66	25
SVOC	Naphthalene	401-L01	Major Amendment 3	2	U (0.17)	0.051	66	25
SVOC	Naphthalene	401-L02	Major Amendment 3	6	U (0.32)	0.029	66	25
SVOC	Naphthalene	401-N01	Major Amendment 3	2	U (0.24)	0.12	66	25
SVOC	Naphthalene	401-O01	Major Amendment 3	1	U (0.033)	0.017	66	25
SVOC	Naphthalene	401-P01	Major Amendment 3	5	U (0.19) - 0.077	0.063	66	25
SVOC	Naphthalene	401-Q01	Major Amendment 3	33	U (5.3) - 189	6.4	66	25
SVOC	Naphthalene	401-R01	Major Amendment 3	9	0.037 - 4.7	1.2	66	25
SVOC	Naphthalene	402-A01	Major Amendment 3	41	0.03 - 12	2.2	66	25
SVOC	Naphthalene	402-B01	Major Amendment 3	112	U (2.5) - 23	1.5	66	25
SVOC	Naphthalene	402-C01	Major Amendment 3	3	0.007 - 0.54	0.34	66	25
SVOC	Naphthalene	403-A01	Major Amendment 3	2	U (0.19)	0.058	66	25
SVOC	Naphthalene	403-B01	Major Amendment 3	13	0.81 - 1.6	0.34	66	25
SVOC	Naphthalene	403-C01	Major Amendment 3	8	U (1.4) - 0.0151	0.14	66	25
SVOC	Naphthalene	403-C02	Major Amendment 3	5	0.062 - 0.064	0.081	66	25
SVOC	Naphthalene	403-D01	Major Amendment 3	13	U (0.21) - 1.8	0.24	66	25
SVOC	Naphthalene	403-E01	Major Amendment 3	4	U (0.2) - 0.11	0.080	66	25
SVOC	Naphthalene	403-F01	Major Amendment 3	7	0.0405 - 0.23	0.060	66	25
SVOC	Naphthalene	403-G01	Major Amendment 3	2	U (0.18)	0.054	66	25
SVOC	Naphthalene	404-A01	Major Amendment 3	19	U (0.29) - 14	1.6	66	25
SVOC	Naphthalene	404-B01	Major Amendment 3	26	0.0187 - 5.47	0.72	66	25
SVOC	Naphthalene	404-B02	Major Amendment 3	6	U (0.21) - 0.329	0.14	66	25
SVOC	Naphthalene	404-C01	Major Amendment 3	3	U (2) - 15	5.6	66	25
SVOC	Naphthalene	404-D01	Major Amendment 3	6	U (0.666) - 1.67	0.45	66	25
SVOC	Naphthalene	404-E01	Major Amendment 3	30	U (0.973) - 6.36	1.1	66	25
SVOC	Naphthalene	404-F01	Major Amendment 3	22	U (16.7) - 152	13	66	25
SVOC	Naphthalene	201-A01	Phase 1A	7	U (0.42) - 31.5	6.1	66	25
SVOC	Naphthalene	201-A02	Phase 1A	14	0.064 - 130	19	66	25
SVOC	Naphthalene	201-A03	Phase 1A	7	0.18 - 30	7.2	66	25
SVOC	Naphthalene	201-A04	Phase 1A	32	0.033 - 88	17	66	25
SVOC	Naphthalene	201-A05	Phase 1A	10	0.012 - 41	7.7	66	25
SVOC	Naphthalene	201-A06	Phase 1A	10	0.0015 - 21	2.2	66	25
SVOC	Naphthalene	201-A07	Phase 1A	11	0.44 - 79	15	66	25
SVOC	Naphthalene	201-A08	Phase 1A	7	0.0027 - 0.38	0.12	66	25
SVOC	Naphthalene	201-A09	Phase 1A	8	0.02 - 79	12	66	25
SVOC	Naphthalene	201-A10	Phase 1A	8	U (0.37) - 1.8	0.30	66	25
SVOC	Naphthalene	201-A11	Phase 1A	8	0.0018 - 52	7.1	66	25
SVOC	Naphthalene	201-A12	Phase 1A	16	0.00093 - 32.8	2.9	66	25
SVOC	Naphthalene	201-A13	Phase 1A	17	0.0011 - 40	7.4	66	25
SVOC	Naphthalene	201-A14	Phase 1A	21	0.0085 - 4.9	0.65	66	25
SVOC	Naphthalene	201-A15	Phase 1A	8	U (1.7) - 0.95	0.41	66	25
SVOC	Naphthalene	201-B01	Phase 1A	4	0.045 - 0.62	0.30	66	25
SVOC	Naphthalene	201-B02	Phase 1A	11	0.00083 - 87	15	66	25
SVOC	Naphthalene	201-B03	Phase 1A	1	0.62 - 0.62	0.62	66	25
SVOC	Naphthalene	201-B04	Phase 1A	11	0.00085 - 36	5.2	66	25
SVOC	Naphthalene	201-B05	Phase 1A	3	0.053 - 0.23	0.15	66	25
SVOC	Naphthalene	201-B06	Phase 1A	1	1 - 1	1.0	66	25
SVOC	Naphthalene	201-B07	Phase 1A	21	0.0029 - 14	2.0	66	25
SVOC	Naphthalene	201-B08	Phase 1A	10	0.0033 - 0.096	0.033	66	25
SVOC	Naphthalene	201-B09	Phase 1A	10	U (0.99) - 2.1	0.30	66	25
SVOC	Naphthalene	201-B10	Phase 1A	8	0.004 - 0.78	0.21	66	25
SVOC	Naphthalene	201-B11	Phase 1A	32	U (1.3) - 14	0.65	66	25
SVOC	Naphthalene	201-B12	Phase 1A	18	0.0012 - 2.1	0.53	66	25
SVOC	Naphthalene	201-C01	Phase 1A	15	0.068 - 9.9	2.1	66	25
SVOC	Naphthalene	201-C02	Phase 1A	2	0.0028 - 0.035	0.019	66	25
SVOC	Naphthalene	201-C04	Phase 1A	15	0.13 - 74	7.9	66	25
SVOC	Naphthalene	201-C05	Phase 1A	3	U (2.6) - 0.21	0.52	66	25
SVOC	Naphthalene	201-C06	Phase 1A	14	U (3.7) - 2.4	0.53	66	25
SVOC	Naphthalene	201-C07	Phase 1A	11	0.5 - 140	29	66	25
SVOC	Naphthalene	201-C08	Phase 1A	20	0.14 - 12	2.4	66	25
SVOC	Naphthalene	201-C09	Phase 1A	7	U (0.18) - 1.4	0.27	66	25
SVOC	Naphthalene	201-C10	Phase 1A	4	U (0.4) - 2.86	0.91	66	25
SVOC	Naphthalene	201-C11	Phase 1A	1	27.8 - 27.8	28	66	25
SVOC	Naphthalene	201-D01	Phase 1A	4	U (0.42) - 0.476	0.35	66	25
SVOC	Naphthalene	201-D05	Phase 1A	8	0.0026 - 69.2	11	66	25
SVOC	Naphthalene	201-D08	Phase 1A	1	U (0.0057)	0.0029	66	25
SVOC	Naphthalene	201-D12	Phase 1A	3	U (0.2)	0.093	66	25
SVOC	Naphthalene	201-E01	Phase 1A	74	U (0.52) - 90	2.3	66	25
SVOC	Naphthalene	201-E02	Phase 1A	1	U (0.21)	0.11	66	25
SVOC	Naphthalene	201-E03	Phase 1A	3	0.044 - 0.089	0.11	66	25
SVOC	Naphthalene	201-E04	Phase 1A	5	0.0032 - 210	72	66	25
SVOC	Naphthalene	201-E05	Phase 1A	22	0.0086 - 1.4	0.26	66	25
SVOC	Naphthalene	201-F01	Phase 1A	51	U (0.9) - 18	0.51	66	25
SVOC	Naphthalene	201-F02	Phase 1A	8	0.086 - 16.8	2.3	66	25
SVOC	Naphthalene	201-F03	Phase 1A	32	0.0013 - 13	0.84	66	25
SVOC	Naphthalene	201-F04	Phase 1A	21	U (1.34) - 0.92	0.18	66	25
SVOC	Naphthalene	202-A03	Phase 1A	8	0.0094 - 4.2	0.78	66	25
SVOC	Naphthalene	202-A04	Phase 1A	4	U (0.4)	0.16	66	25
SVOC	Naphthalene	202-A05	Phase 1A	4	U (0.2) - 0.062	0.043	66	25
SVOC	Naphthalene	202-A06	Phase 1A	4	U (0.19)	0.091	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Naphthalene	202-A07	Phase 1A	3	U (0.2)	0.098	66	25
SVOC	Naphthalene	202-A08	Phase 1A	3	U (0.21)	0.10	66	25
SVOC	Naphthalene	202-A09	Phase 1A	6	U (0.2)	0.098	66	25
SVOC	Naphthalene	202-B01	Phase 1A	2	0.039 - 0.063	0.051	66	25
SVOC	Naphthalene	202-B02	Phase 1A	8	U (0.31) - 0.88	0.22	66	25
SVOC	Naphthalene	202-B03	Phase 1A	15	0.048 - 4.4	0.41	66	25
SVOC	Naphthalene	202-B04	Phase 1A	3	0.26 - 1.2	0.52	66	25
SVOC	Naphthalene	202-B05	Phase 1A	4	U (0.056)	0.025	66	25
SVOC	Naphthalene	202-B09	Phase 1A	9	U (0.99) - 3	0.54	66	25
SVOC	Naphthalene	202-C04	Phase 1A	15	U (1) - 0.23	0.11	66	25
SVOC	Naphthalene	202-C05	Phase 1A	10	U (0.33) - 3	0.57	66	25
SVOC	Naphthalene	202-C06	Phase 1A	4	U (1.2)	0.18	66	25
SVOC	Naphthalene	202-C07	Phase 1A	8	U (1.6) - 31	9.1	66	25
SVOC	Naphthalene	202-C08	Phase 1A	4	1.1 - 2.1	1.3	66	25
SVOC	Naphthalene	202-C10	Phase 1A	1	U (0.38)	0.19	66	25
SVOC	Naphthalene	202-D05	Phase 1A	5	U (0.52) - 52	11	66	25
SVOC	Naphthalene	202-D06	Phase 1A	11	U (0.26) - 22	4.4	66	25
SVOC	Naphthalene	202-E06	Phase 1A	2	U (0.2)	0.093	66	25
SVOC	Naphthalene	202-E08	Phase 1A	13	0.05 - 2.1	0.24	66	25
SVOC	Naphthalene	202-E09	Phase 1A	16	U (0.21) - 3.2	0.41	66	25
SVOC	Naphthalene	202-E10	Phase 1A	6	U (0.21) - 0.74	0.22	66	25
SVOC	Naphthalene	202-E11	Phase 1A	2	1.2 - 6.5	3.9	66	25
SVOC	Naphthalene	202-E12	Phase 1A	4	U (0.18) - 0.19	0.099	66	25
SVOC	Naphthalene	202-E13	Phase 1A	2	4.3 - 11	7.7	66	25
SVOC	Naphthalene	202-E15	Phase 1A	2	4.1 - 4.6	4.4	66	25
SVOC	Naphthalene	202-F01	Phase 1A	7	0.28 - 4.9	1.1	66	25
SVOC	Naphthalene	202-F04	Phase 1A	11	U (0.2) - 0.26	0.085	66	25
SVOC	Naphthalene	202-F05	Phase 1A	2	U (0.18)	0.060	66	25
SVOC	Naphthalene	202-F06	Phase 1A	2	U (0.089)	0.037	66	25
SVOC	Naphthalene	202-F07	Phase 1A	17	0.026 - 1.7	0.30	66	25
SVOC	Naphthalene	202-F08	Phase 1A	4	U (0.21)	0.065	66	25
SVOC	Naphthalene	202-F10	Phase 1A	2	U (0.2)	0.10	66	25
SVOC	Naphthalene	202-F14	Phase 1A	2	U (0.038)	0.019	66	25
SVOC	Naphthalene	202-F16	Phase 1A	4	U (0.4) - 2.7	0.74	66	25
SVOC	Naphthalene	202-F17	Phase 1A	8	U (0.19)	0.093	66	25
SVOC	Naphthalene	202-G01	Phase 1A	8	U (0.35)	0.10	66	25
SVOC	Naphthalene	202-G02	Phase 1A	14	U (4)	0.23	66	25
SVOC	Naphthalene	202-G03	Phase 1A	9	U (0.19)	0.080	66	25
SVOC	Naphthalene	202-G04	Phase 1A	3	U (0.12) - 15	5.1	66	25
SVOC	Naphthalene	202-G05	Phase 1A	6	U (0.096) - 5.6	2.1	66	25
SVOC	Naphthalene	202-G07	Phase 1A	16	U (0.19) - 0.14	0.085	66	25
SVOC	Naphthalene	202-H01	Phase 1A	2	0.17 - 3.8	2.0	66	25
SVOC	Naphthalene	202-H03	Phase 1A	10	1.18 - 49	16	66	25
SVOC	Naphthalene	202-H05	Phase 1A	8	U (1.9) - 29	12	66	25
SVOC	Naphthalene	202-H06	Phase 1A	2	U (0.04)	0.019	66	25
SVOC	Naphthalene	202-H07	Phase 1A	2	U (0.037)	0.018	66	25
SVOC	Naphthalene	202-H08	Phase 1A	3	U (0.2)	0.090	66	25
SVOC	Naphthalene	202-H09	Phase 1A	4	0.18 - 0.18	0.13	66	25
SVOC	Naphthalene	202-H11	Phase 1A	10	U (0.2) - 2.7	0.37	66	25
SVOC	Naphthalene	202-I01	Phase 1A	2	U (0.2)	0.095	66	25
SVOC	Naphthalene	202-I04	Phase 1A	4	U (0.19) - 0.025	0.071	66	25
SVOC	Naphthalene	202-J01	Phase 1A	6	U (0.2) - 0.13	0.10	66	25
SVOC	Naphthalene	202-J02	Phase 1A	5	U (0.22) - 0.2	0.12	66	25
SVOC	Naphthalene	202-J03	Phase 1A	11	0.0067 - 42.5	7.7	66	25
SVOC	Naphthalene	202-J04	Phase 1A	8	0.049 - 25	7.4	66	25
SVOC	Naphthalene	202-J05	Phase 1A	6	0.015 - 0.015	0.0066	66	25
SVOC	Naphthalene	202-J07	Phase 1A	11	0.051 - 7	0.96	66	25
SVOC	Naphthalene	202-J08	Phase 1A	1	0.016 - 0.016	0.016	66	25
SVOC	Naphthalene	202-J09	Phase 1A	2	U (0.022) - 2.5	1.3	66	25
SVOC	Naphthalene	301-AA01	Phase 1A	1	U (0.0068)	0.0034	66	25
SVOC	Naphthalene	301-AA02	Phase 1B	2	0.0026 - 0.0026	0.0026	66	25
SVOC	Naphthalene	301-AA05	Phase 1B	11	U (2.1) - 3.4	0.49	66	25
SVOC	Naphthalene	301-AA06	Phase 1A	11	0.0074 - 0.45	0.15	66	25
SVOC	Naphthalene	301-AA07	Phase 1A	4	U (0.2) - 4.42	1.1	66	25
SVOC	Naphthalene	301-AA08	Phase 1A	3	U (0.28) - 0.86	0.33	66	25
SVOC	Naphthalene	301-AA09	Phase 1A	3	U (0.48)	0.17	66	25
SVOC	Naphthalene	301-AB04	Phase 1A	3	U (0.37)	0.18	66	25
SVOC	Naphthalene	301-AB05	Phase 1B	6	U (0.4) - 0.48	0.13	66	25
SVOC	Naphthalene	301-AB06	Phase 1A	2	U (0.18)	0.090	66	25
SVOC	Naphthalene	301-AB07	Phase 1A	1	U (0.2)	0.10	66	25
SVOC	Naphthalene	301-AB09	Phase 1A	2	U (0.876) - 3.57	1.8	66	25
SVOC	Naphthalene	301-AC03	Phase 1B	2	U (0.19)	0.056	66	25
SVOC	Naphthalene	301-AC04	Phase 1A	31	U (0.87) - 5.3	0.45	66	25
SVOC	Naphthalene	301-AC07	Phase 1A	10	U (0.19) - 1.2	0.15	66	25
SVOC	Naphthalene	301-AC08	Phase 1A	7	0.024 - 14	2.2	66	25
SVOC	Naphthalene	301-AC09	Phase 1A	6	U (0.39)	0.036	66	25
SVOC	Naphthalene	301-B01	Phase 1A	1	U (0.018)	0.0090	66	25
SVOC	Naphthalene	301-C01	Phase 1A	3	1.2 - 22	9.0	66	25
SVOC	Naphthalene	301-C02	Phase 1A	9	U (0.39) - 5.8	0.87	66	25
SVOC	Naphthalene	301-D01	Phase 1A	35	0.036 - 170	15	66	25
SVOC	Naphthalene	301-E02	Phase 1A	32	U (4.9) - 53	7.5	66	25
SVOC	Naphthalene	301-E03	Phase 1A	5	0.0024 - 0.087	0.024	66	25
SVOC	Naphthalene	301-F02	Phase 1A	8	U (1.2) - 6.4	1.1	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Naphthalene	301-G01	Phase 1A	2	0.043 - 0.62	0.33	66	25
SVOC	Naphthalene	301-G02	Phase 1A	3	1.5 - 2.2	1.2	66	25
SVOC	Naphthalene	301-G03	Phase 1A	1	0.54 - 0.54	0.54	66	25
SVOC	Naphthalene	301-H01	Phase 1A	19	0.0007 - 15	2.7	66	25
SVOC	Naphthalene	301-H02	Phase 1A	3	0.006 - 0.006	0.0023	66	25
SVOC	Naphthalene	301-H03	Phase 1A	2	0.17 - 9	4.6	66	25
SVOC	Naphthalene	301-I01	Phase 1A	9	U (2.2) - 8	1.7	66	25
SVOC	Naphthalene	301-I02	Phase 1A	1	0.98 - 0.98	0.98	66	25
SVOC	Naphthalene	301-J01	Phase 1A	4	U (0.48) - 1.7	0.49	66	25
SVOC	Naphthalene	301-J02	Phase 1A	8	U (0.56) - 8.1	3.5	66	25
SVOC	Naphthalene	301-K01	Phase 1A	9	0.032 - 1.3	0.34	66	25
SVOC	Naphthalene	301-K02	Phase 1A	3	0.062 - 6.9	2.6	66	25
SVOC	Naphthalene	301-L01	Phase 1C	7	0.39 - 0.39	0.13	66	25
SVOC	Naphthalene	301-L02	Phase 1A	8	0.00062 - 120	16	66	25
SVOC	Naphthalene	301-L03	Phase 1A	5	0.00053 - 1.9	1.1	66	25
SVOC	Naphthalene	301-M02	Phase 1A	5	0.0024 - 0.79	0.29	66	25
SVOC	Naphthalene	301-M03	Phase 1A	3	0.016 - 0.5	0.18	66	25
SVOC	Naphthalene	301-N02	Phase 1A	3	0.11 - 0.42	0.25	66	25
SVOC	Naphthalene	301-P02	Phase 1A	2	0.917 - 1.92	1.4	66	25
SVOC	Naphthalene	301-Q04	Phase 1A	6	U (0.4) - 1.5	0.51	66	25
SVOC	Naphthalene	301-R02	Phase 1A	6	U (0.26)	0.024	66	25
SVOC	Naphthalene	301-S02	Phase 1A	4	U (0.0054)	0.0025	66	25
SVOC	Naphthalene	301-S03	Phase 1A	1	0.054 - 0.054	0.054	66	25
SVOC	Naphthalene	301-T01	Phase 1B	5	0.128 - 2.3	1.1	66	25
SVOC	Naphthalene	301-T02	Phase 1B	7	U (1.9) - 4.7	1.5	66	25
SVOC	Naphthalene	301-T03	Phase 1C	2	0.037 - 0.037	0.020	66	25
SVOC	Naphthalene	301-T04	Phase 1A	2	U (0.3)	0.076	66	25
SVOC	Naphthalene	301-U01	Phase 1B	2	U (0.19) - 0.33	0.17	66	25
SVOC	Naphthalene	301-U03	Phase 1B	1	U (0.17)	0.085	66	25
SVOC	Naphthalene	301-V01	Phase 1B	7	U (0.46)	0.044	66	25
SVOC	Naphthalene	301-V02	Phase 1B	20	0.0063 - 1.1	0.19	66	25
SVOC	Naphthalene	301-V04	Phase 1A	30	U (1.3) - 6.6	0.32	66	25
SVOC	Naphthalene	301-W01	Phase 1B	24	U (0.51) - 0.72	0.094	66	25
SVOC	Naphthalene	301-W03	Phase 1A	4	U (0.27)	0.10	66	25
SVOC	Naphthalene	301-X01	Phase 1B	11	0.0017 - 0.62	0.15	66	25
SVOC	Naphthalene	301-X03	Phase 1A	3	U (0.25)	0.079	66	25
SVOC	Naphthalene	301-Y01	Phase 1B	10	0.0035 - 9.1	0.92	66	25
SVOC	Naphthalene	301-Y02	Phase 1B	4	U (0.029) - 0.77	0.20	66	25
SVOC	Naphthalene	301-Y03	Phase 1A	2	0.805 - 0.805	0.41	66	25
SVOC	Naphthalene	301-Y04	Phase 1A	3	U (0.28)	0.092	66	25
SVOC	Naphthalene	301-Y05	Phase 1A	6	0.01 - 0.81	0.28	66	25
SVOC	Naphthalene	301-Z01	Phase 1B	6	U (0.0057)	0.0025	66	25
SVOC	Naphthalene	301-Z02	Phase 1B	2	U (0.18)	0.054	66	25
SVOC	Naphthalene	301-Z03	Phase 1B	5	U (0.41) - 0.12	0.089	66	25
SVOC	Naphthalene	301-Z04	Phase 1A	14	0.13 - 9	1.7	66	25
SVOC	Naphthalene	302-AD02	Phase 1C	2	U (0.19)	0.057	66	25
SVOC	Naphthalene	302-AD06	Phase 1B	12	U (0.046) - 0.19	0.053	66	25
SVOC	Naphthalene	302-AD07	Phase 1B	2	U (0.18)	0.088	66	25
SVOC	Naphthalene	302-AD08	Phase 1A	2	U (0.17)	0.085	66	25
SVOC	Naphthalene	302-AD09	Phase 1A	3	U (0.1)	0.029	66	25
SVOC	Naphthalene	302-AD10	Phase 1A	4	0.044 - 2.5	0.78	66	25
SVOC	Naphthalene	302-AE01	Phase 1C	1	U (0.006)	0.0030	66	25
SVOC	Naphthalene	302-AE02	Phase 1C	2	U (0.007)	0.0028	66	25
SVOC	Naphthalene	302-AE03	Phase 1B	4	U (0.053) - 4.6	2.2	66	25
SVOC	Naphthalene	302-AE04	Phase 1B	8	U (0.93) - 0.16	0.075	66	25
SVOC	Naphthalene	302-AE05	Phase 1B	20	0.045 - 0.09	0.086	66	25
SVOC	Naphthalene	302-AE07	Phase 1B	3	U (0.11)	0.041	66	25
SVOC	Naphthalene	302-AE08	Phase 1B	3	U (0.19)	0.063	66	25
SVOC	Naphthalene	302-AE09	Phase 1A	4	U (0.2)	0.073	66	25
SVOC	Naphthalene	302-AF01	Phase 1C	1	U (0.005)	0.0025	66	25
SVOC	Naphthalene	302-AF02	Phase 1C	4	U (0.007)	0.0028	66	25
SVOC	Naphthalene	302-AF03	Phase 1B	2	0.34 - 3.7	2.0	66	25
SVOC	Naphthalene	302-AF04	Phase 1B	22	U (0.19) - 7	0.42	66	25
SVOC	Naphthalene	302-AF05	Phase 1B	2	0.0209 - 5.8	2.9	66	25
SVOC	Naphthalene	302-AF06	Phase 1A	9	U (1.9) - 9.3	1.1	66	25
SVOC	Naphthalene	302-AF09	Phase 1B	5	U (0.04) - 2.04	0.42	66	25
SVOC	Naphthalene	302-AG02	Phase 1C	2	0.52 - 0.52	0.26	66	25
SVOC	Naphthalene	302-AG04	Phase 1B	9	0.06 - 1.5	0.36	66	25
SVOC	Naphthalene	302-AG06	Phase 1B	5	U (0.041)	0.019	66	25
SVOC	Naphthalene	302-AG07	Phase 1A	14	U (0.19) - 0.067	0.058	66	25
SVOC	Naphthalene	302-AG08	Phase 1B	6	0.13 - 12	2.2	66	25
SVOC	Naphthalene	302-AH01	Phase 1C	2	U (0.19)	0.057	66	25
SVOC	Naphthalene	302-AH03	Phase 1C	2	U (0.064)	0.031	66	25
SVOC	Naphthalene	302-AH04	Phase 1B	8	0.063 - 12	2.5	66	25
SVOC	Naphthalene	302-AH05	Phase 1B	11	0.032 - 8.1	1.2	66	25
SVOC	Naphthalene	302-AH06	Phase 1B	4	U (0.0415)	0.019	66	25
SVOC	Naphthalene	302-AH07	Phase 1B	21	U (0.37)	0.066	66	25
SVOC	Naphthalene	302-AH08	Phase 1B	13	U (0.061)	0.028	66	25
SVOC	Naphthalene	302-AI01	Phase 1C	2	U (0.04) - 0.0551	0.037	66	25
SVOC	Naphthalene	302-AI03	Phase 1C	1	12 - 12	12	66	25
SVOC	Naphthalene	302-AI04	Phase 1C	2	U (0.061)	0.029	66	25
SVOC	Naphthalene	302-AI05	Phase 1B	12	U (0.2) - 0.94	0.15	66	25
SVOC	Naphthalene	302-AI06	Phase 1B	19	U (0.21) - 2.6	0.24	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Naphthalene	302-AI07	Phase 1B	10	U (0.375) - 0.0651	0.074	66	25
SVOC	Naphthalene	302-AI08	Phase 1B	2	U (0.38)	0.11	66	25
SVOC	Naphthalene	302-AI09	Phase 1B	3	U (0.041) - 0.0194	0.019	66	25
SVOC	Naphthalene	302-AJ04	Phase 1C	1	U (0.051)	0.026	66	25
SVOC	Naphthalene	302-AJ05	Phase 1B	2	U (0.2) - 0.039	0.070	66	25
SVOC	Naphthalene	302-AJ06	Phase 1B	5	0.17 - 0.17	0.11	66	25
SVOC	Naphthalene	302-AJ09	Phase 1A	13	0.075 - 40	5.9	66	25
SVOC	Naphthalene	302-AK05	Phase 1B	5	0.074 - 1.2	0.32	66	25
SVOC	Naphthalene	302-AK06	Phase 1A	3	U (0.26) - 0.13	0.096	66	25
SVOC	Naphthalene	302-AK07	Phase 1B	13	U (0.059) - 2.3	0.37	66	25
SVOC	Naphthalene	302-AL01	Phase 1C	2	0.052 - 0.052	0.035	66	25
SVOC	Naphthalene	302-AL03	Phase 1B	2	8.94 - 8.94	4.5	66	25
SVOC	Naphthalene	302-AL05	Phase 1B	13	U (0.25) - 3.4	0.35	66	25
SVOC	Naphthalene	302-AL06	Phase 1A	13	0.055 - 3.7	0.65	66	25
SVOC	Naphthalene	302-AL08	Phase 1B	2	U (0.041)	0.019	66	25
SVOC	Naphthalene	302-AN01	Phase 1B	2	U (0.035)	0.017	66	25
SVOC	Naphthalene	302-AN02	Phase 1A	2	U (0.198)	0.058	66	25
SVOC	Naphthalene	302-AO03	Phase 1A	2	U (0.0418)	0.020	66	25
SVOC	Naphthalene	302-AP02	Phase 1B	2	U (0.042) - 0.166	0.094	66	25
SVOC	Naphthalene	302-AP03	Phase 1B	23	U (0.4) - 0.063	0.077	66	25
SVOC	Naphthalene	302-AP04	Phase 1B	2	0.0317 - 2.44	1.2	66	25
SVOC	Naphthalene	302-AP05	Phase 1B	2	U (0.035)	0.017	66	25
SVOC	Naphthalene	302-AQ01	Phase 1B	2	0.13 - 0.19	0.16	66	25
SVOC	Naphthalene	302-AQ02	Phase 1A	9	U (1.9) - 7.5	1.9	66	25
SVOC	Naphthalene	302-AQ04	Phase 1B	2	U (0.11)	0.055	66	25
SVOC	Naphthalene	302-AR01	Phase 1B	2	0.11 - 0.11	0.53	66	25
SVOC	Naphthalene	302-AR02	Phase 1A	4	U (0.19)	0.093	66	25
SVOC	Naphthalene	302-AR04	Phase 1B	3	U (0.12)	0.050	66	25
SVOC	Naphthalene	302-AS03	Phase 1A	13	U (0.2) - 0.295	0.085	66	25
SVOC	Naphthalene	302-AS04	Phase 1B	2	U (0.0419)	0.021	66	25
SVOC	Naphthalene	302-AT02	Phase 1B	2	0.0643 - 11.9	6.0	66	25
SVOC	Naphthalene	302-AT03	Phase 1B	4	U (0.039)	0.019	66	25
SVOC	Naphthalene	302-AU01	Phase 1B	2	U (0.0052)	0.0024	66	25
SVOC	Naphthalene	302-AU02	Phase 1B	8	U (4)	0.34	66	25
SVOC	Naphthalene	302-AU03	Phase 1B	2	U (0.19)	0.095	66	25
SVOC	Naphthalene	302-AV01	Phase 1A	8	U (0.27) - 67	10	66	25
SVOC	Naphthalene	302-AV02	Phase 1B	4	U (0.98) - 3.4	0.92	66	25
SVOC	Naphthalene	302-AV03	Phase 1A	6	U (0.2) - 6.6	1.2	66	25
SVOC	Naphthalene	302-AV04	Phase 1B	2	U (0.0415)	0.020	66	25
SVOC	Naphthalene	302-AW01	Phase 1A	12	U (2.6) - 11	2.9	66	25
SVOC	Naphthalene	302-AW02	Phase 1B	2	U (1.9)	0.53	66	25
SVOC	Naphthalene	302-AW03	Phase 1A	2	U (0.2)	0.098	66	25
SVOC	Naphthalene	302-AX01	Phase 1A	9	U (0.24) - 5.2	2.4	66	25
SVOC	Naphthalene	302-AX02	Phase 1B	3	U (0.038)	0.018	66	25
SVOC	Naphthalene	302-AX05	Phase 1A	2	U (0.0414)	0.020	66	25
SVOC	Naphthalene	302-AY02	Phase 1B	22	0.2 - 118	16	66	25
SVOC	Naphthalene	302-AY03	Phase 1B	2	0.0214 - 0.0214	0.020	66	25
SVOC	Naphthalene	302-AY05	Phase 1B	2	U (0.19)	0.058	66	25
SVOC	Naphthalene	302-AZ02	Phase 1B	6	U (2.1) - 21	4.5	66	25
SVOC	Naphthalene	302-AZ03	Phase 1B	1	U (2)	1.0	66	25
SVOC	Naphthalene	302-AZ05	Phase 1A	4	U (0.41)	0.13	66	25
SVOC	Naphthalene	302-BA05	Phase 1A	2	0.278 - 6.15	3.2	66	25
SVOC	Naphthalene	302-BB06	Phase 1A	5	U (0.2) - 0.15	0.12	66	25
SVOC	Naphthalene	302-BB07	Phase 1B	50	0.0033 - 100	8.3	66	25
SVOC	Naphthalene	302-BB08	Phase 1B	1	U (0.19)	0.095	66	25
SVOC	Naphthalene	302-BC05	Phase 1A	19	U (0.27) - 1.9	0.14	66	25
SVOC	Naphthalene	302-BC06	Phase 1B	8	0.059 - 5.9	0.80	66	25
SVOC	Naphthalene	302-BD05	Phase 1A	4	U (0.041)	0.020	66	25
SVOC	Naphthalene	302-BE04	Phase 1A	5	U (0.19)	0.033	66	25
SVOC	Naphthalene	303-AY01	Phase 1A	4	0.068 - 4.9	2.0	66	25
SVOC	Naphthalene	303-AZ01	Phase 1A	5	1.1 - 80	41	66	25
SVOC	Naphthalene	303-BA01	Phase 1A	8	U (0.14) - 3.8	1.7	66	25
SVOC	Naphthalene	303-BA02	Phase 1A	12	U (15) - 10	2.9	66	25
SVOC	Naphthalene	303-BB01	Phase 1A	2	0.47 - 0.54	0.51	66	25
SVOC	Naphthalene	303-BB02	Phase 1A	5	0.162 - 11	2.3	66	25
SVOC	Naphthalene	303-BC01	Phase 1A	4	U (0.0055) - 0.0043	0.0030	66	25
SVOC	Naphthalene	303-BD04	Phase 1A	13	U (1.2) - 14	2.7	66	25
SVOC	Naphthalene	303-BE03	Phase 1A	45	0.03 - 25	2.6	66	25
SVOC	Naphthalene	303-BF05	Phase 1A	20	0.054 - 22	3.2	66	25
SVOC	Naphthalene	303-BG04	Phase 1A	28	0.21 - 52	6.5	66	25
SVOC	Naphthalene	303-BH02	Phase 1A	25	0.27 - 14	3.6	66	25
SVOC	Naphthalene	303-BI03	Phase 1A	6	0.38 - 3.3	2.0	66	25
SVOC	Naphthalene	303-BJ01	Phase 1A	3	0.94 - 1.3	0.90	66	25
SVOC	Naphthalene	303-BJ02	Phase 1A	3	0.524 - 0.524	0.19	66	25
SVOC	Naphthalene	303-BK03	Phase 1A	7	0.14 - 2	1.5	66	25
SVOC	Naphthalene	303-BL02	Phase 1A	13	0.081 - 6.3	1.2	66	25
SVOC	Naphthalene	303-BM02	Phase 1A	2	0.006 - 0.0136	0.0098	66	25
SVOC	Naphthalene	303-BN02	Phase 1A	15	U (0.21) - 1.9	0.37	66	25
SVOC	Naphthalene	303-BN03	Phase 1A	14	0.025 - 18	2.2	66	25
SVOC	Naphthalene	303-BO02	Phase 1A	17	0.01 - 7.8	0.96	66	25
SVOC	Naphthalene	303-BP02	Phase 1A	45	0.0018 - 7.5	1.3	66	25
SVOC	Naphthalene	303-BQ01	Phase 1A	4	U (0.66) - 6.9	1.9	66	25
SVOC	Naphthalene	303-BQ02	Phase 1A	25	0.0051 - 52	5.0	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Naphthalene	303-BR02	Phase 1A	8	0.0757 - 2.4	0.63	66	25
SVOC	Naphthalene	303-BT01	Phase 1A	13	U (2.9) - 3.4	0.31	66	25
SVOC	Naphthalene	303-BW01	Phase 1A	2	0.0387 - 0.0387	0.069	66	25
SVOC	Naphthalene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	66	25
SVOC	Naphthalene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 2.87	1.5	66	25
SVOC	Naphthalene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7)	1.2	66	25
SVOC	Naphthalene	ParcelB-04	Innovation Campus, Parcel B	3	U (1.89)	0.47	66	25
SVOC	Naphthalene	ParcelB-06	Innovation Campus, Parcel B	2	2.75 - 2.75	3.3	66	25
SVOC	Naphthalene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4)	2.3	66	25
SVOC	Naphthalene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	66	25
SVOC	Naphthalene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2)	1.6	66	25
SVOC	Naphthalene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	66	25
SVOC	Naphthalene	ParcelB-13	Innovation Campus, Parcel B	2	5.9 - 5.9	3.2	66	25
SVOC	Naphthalene	ParcelB-14	Innovation Campus, Parcel B	3	0.218 - 0.218	0.85	66	25
SVOC	Naphthalene	ParcelB-15	Innovation Campus, Parcel B	2	4.72 - 4.72	2.4	66	25
SVOC	Naphthalene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	66	25
SVOC	Naphthalene	ParcelB-19	Innovation Campus, Parcel B	1	U (1)	0.50	66	25
SVOC	Naphthalene	ParcelB-20	Innovation Campus, Parcel B	3	18 - 18	7.0	66	25
SVOC	Naphthalene	ParcelB-21	Innovation Campus, Parcel B	3	U (4.28)	0.93	66	25
SVOC	Naphthalene	101-D20-C	Innovation Campus	21	U (0.464) - 8.1	0.53	66	25
SVOC	Naphthalene	101-G24-C	Innovation Campus	2	U (0.445)	0.12	66	25
SVOC	Naphthalene	101-G26-C	Innovation Campus	1	1 - 1	1.0	66	25
SVOC	Naphthalene	101-H24-C	Innovation Campus	2	0.0149 - 0.0149	0.047	66	25
SVOC	Naphthalene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	66	25
SVOC	Naphthalene	101-I25-C	Innovation Campus	2	U (0.038) - 0.0767	0.047	66	25
SVOC	Naphthalene	101-J23-C	Innovation Campus	2	U (0.036) - 0.0191	0.018	66	25
SVOC	Naphthalene	101-L31-C	Innovation Campus	2	U (0.0437)	0.021	66	25
SVOC	Naphthalene	101-U37-C	Innovation Campus	5	U (7.36) - 0.143	0.79	66	25
SVOC	Naphthalene	102-E08-C	Innovation Campus	3	U (1.89)	0.47	66	25
SVOC	Naphthalene	102-G23-C	Innovation Campus	2	U (20.5)	5.1	66	25
SVOC	Naphthalene	103-A10-C	Innovation Campus	6	U (8.73)	1.8	66	25
SVOC	Naphthalene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	66	25
SVOC	Naphthalene	103-A14-S	Innovation Campus	1	U (5.2)	2.6	66	25
SVOC	Naphthalene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	66	25
SVOC	Naphthalene	103-A17-S	Innovation Campus	1	U (0.97)	0.49	66	25
SVOC	Naphthalene	103-H01-C	Innovation Campus	2	5.9 - 5.9	3.2	66	25
SVOC	Naphthalene	104-K10-C	Innovation Campus	2	0.218 - 0.218	0.12	66	25
SVOC	Naphthalene	LS-A-A01	Innovation Campus	1	U (0.92)	0.46	66	25
SVOC	Naphthalene	LS-A-A02	Innovation Campus	2	0.0176 - 0.0176	0.051	66	25
SVOC	Naphthalene	LS-A-A03	Innovation Campus	1	2.7 - 2.7	2.7	66	25
SVOC	Naphthalene	LS-A-A04	Innovation Campus	3	0.36 - 0.381	0.28	66	25
SVOC	Naphthalene	LS-A-B02	Innovation Campus	14	U (1.9) - 0.0618	0.23	66	25
SVOC	Naphthalene	LS-A-B03	Innovation Campus	4	3.32 - 3.32	0.87	66	25
SVOC	Naphthalene	LS-A-C01	Innovation Campus	28	U (19) - 4.4	0.58	66	25
SVOC	Naphthalene	LS-A-C02	Innovation Campus	12	0.026 - 0.186	1.1	66	25
SVOC	Naphthalene	LS-A-C04	Innovation Campus	3	U (0.2)	0.046	66	25
SVOC	Naphthalene	LS-A-D01	Innovation Campus	5	0.0498 - 0.0498	0.50	66	25
SVOC	Naphthalene	LS-A-D02	Innovation Campus	1	U (1.9)	0.95	66	25
SVOC	Naphthalene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	66	25
SVOC	Naphthalene	LS-A-D04	Innovation Campus	2	U (1.84)	0.48	66	25
SVOC	Naphthalene	LS-A-D05	Innovation Campus	6	0.241 - 0.241	0.27	66	25
SVOC	Naphthalene	LS-A-D06	Innovation Campus	2	U (0.202)	0.060	66	25
SVOC	Naphthalene	LS-A-D07	Innovation Campus	2	U (3.68)	0.97	66	25
SVOC	Naphthalene	LS-A-E01	Innovation Campus	3	U (1.84)	0.53	66	25
SVOC	Naphthalene	LS-A-E03	Innovation Campus	1	U (0.19)	0.095	66	25
SVOC	Naphthalene	LS-A-E04	Innovation Campus	2	0.0927 - 16.9	8.5	66	25
SVOC	Naphthalene	LS-A-E05	Innovation Campus	1	U (0.94)	0.47	66	25
SVOC	Naphthalene	LS-A-E07	Innovation Campus	7	16 - 48	22	66	25
SVOC	Naphthalene	LS-A-E08	Innovation Campus	6	1.4 - 40	17	66	25
SVOC	Naphthalene	LS-A-F01	Innovation Campus	3	U (7.96)	2.1	66	25
SVOC	Naphthalene	LS-A-F02	Innovation Campus	3	18 - 18	7.0	66	25
SVOC	Naphthalene	LS-A-F03	Innovation Campus	1	U (0.98)	0.49	66	25
SVOC	Naphthalene	LS-A-F04	Innovation Campus	12	U (0.94)	0.11	66	25
SVOC	Naphthalene	LS-A-F05	Innovation Campus	1	4.7 - 4.7	4.7	66	25
SVOC	Naphthalene	LS-A-G01	Innovation Campus	3	0.319 - 0.319	0.35	66	25
SVOC	Naphthalene	LS-A-G02	Innovation Campus	2	U (0.391)	0.15	66	25
SVOC	Naphthalene	LS-A-G03	Innovation Campus	3	4.72 - 4.72	2.3	66	25
SVOC	Naphthalene	LS-A-G07	Innovation Campus	3	U (4.28)	0.93	66	25
SVOC	Naphthalene	LS-A-G08	Innovation Campus	2	U (2.06)	1.0	66	25
SVOC	Naphthalene	LS-A-H03	Innovation Campus	2	U (0.195)	0.058	66	25
SVOC	Naphthalene	LS-A-H04	Innovation Campus	2	U (2.02)	0.55	66	25
SVOC	Naphthalene	LS-A-H06	Innovation Campus	1	U (0.94)	0.47	66	25
SVOC	Naphthalene	LS-A-H07	Innovation Campus	2	U (1.92)	0.49	66	25
SVOC	Naphthalene	LS-A-I01	Innovation Campus	6	2.75 - 2.75	2.9	66	25
SVOC	Naphthalene	LS-A-I02	Innovation Campus	1	U (5)	2.5	66	25
SVOC	Naphthalene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.88	1.1	66	25
SVOC	Naphthalene	LS-B-B01	Innovation Campus	1	0.026 - 0.026	0.026	66	25
SVOC	Naphthalene	LS-B-C01	Innovation Campus	3	U (0.19)	0.044	66	25
SVOC	Naphthalene	LS-B-E01	Innovation Campus	4	U (2.32) - 11.1	3.6	66	25
SVOC	Naphthalene	LS-B-G02	Innovation Campus	1	U (2.28)	1.1	66	25
SVOC	Naphthalene	LS-B-H02	Innovation Campus	3	U (1) - 2.2	0.77	66	25
SVOC	Naphthalene	LS-E-B01	Innovation Campus	109	0.0017 - 160	4.0	66	25
SVOC	Naphthalene	LS-E-G01	Innovation Campus	4	U (0.97)	0.44	66	25

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.063 - 0.271	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.077 - 3.6	1.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0056 - 0.88	0.17	190000	10000
SVOC	Phenanthrene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0552 - 6.8	1.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-13	Major Amendment 3 Resampling	3	U (0.17) - 0.251	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.126 - 2.17	0.81	190000	10000
SVOC	Phenanthrene	401-MA3-1-18	Major Amendment 3 Resampling	1	6.9 - 6.9	6.9	190000	10000
SVOC	Phenanthrene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0171 - 46	15	190000	10000
SVOC	Phenanthrene	401-MA3-1-23	Major Amendment 3 Resampling	5	0.048 - 4	1.4	190000	10000
SVOC	Phenanthrene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.602 - 0.602	0.34	190000	10000
SVOC	Phenanthrene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.1 - 2	0.77	190000	10000
SVOC	Phenanthrene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.23 - 0.23	0.12	190000	10000
SVOC	Phenanthrene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	190000	10000
SVOC	Phenanthrene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.206 - 3.64	1	190000	10000
SVOC	Phenanthrene	401-MA3-1-48	Major Amendment 3 Resampling	2	0.15 - 0.23	0.19	190000	10000
SVOC	Phenanthrene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.0759 - 5.21	1.3	190000	10000
SVOC	Phenanthrene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 5.9	2.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.55 - 4.8	2.7	190000	10000
SVOC	Phenanthrene	401-MA3-1-56	Major Amendment 3 Resampling	2	3.5 - 3.5	1.8	190000	10000
SVOC	Phenanthrene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.038 - 6.8	2.0	190000	10000
SVOC	Phenanthrene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.14 - 0.14	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.028 - 2.9	0.97	190000	10000
SVOC	Phenanthrene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.43) - 24	1.7	190000	10000
SVOC	Phenanthrene	401-MA3-1-61	Major Amendment 3 Resampling	3	0.059 - 0.059	0.025	190000	10000
SVOC	Phenanthrene	401-MA3-1-68	Major Amendment 3 Resampling	1	11 - 11	11	190000	10000
SVOC	Phenanthrene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.024	0.026	190000	10000
SVOC	Phenanthrene	401-MA3-1-72	Major Amendment 3 Resampling	9	0.099 - 39	6.7	190000	10000
SVOC	Phenanthrene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.078 - 28	2.4	190000	10000
SVOC	Phenanthrene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.05 - 0.5	0.17	190000	10000
SVOC	Phenanthrene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	403-MA3-1-04	Major Amendment 3 Resampling	1	1 - 1	1.0	190000	10000
SVOC	Phenanthrene	403-MA3-1-12	Major Amendment 3 Resampling	1	0.2 - 0.2	0.20	190000	10000
SVOC	Phenanthrene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.0746 - 0.43	0.32	190000	10000
SVOC	Phenanthrene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	190000	10000
SVOC	Phenanthrene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (2.5) - 44	6.3	190000	10000
SVOC	Phenanthrene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.16 - 28	8.6	190000	10000
SVOC	Phenanthrene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.028 - 53.7	2.7	190000	10000
SVOC	Phenanthrene	404-MA3-1-06	Major Amendment 3 Resampling	6	U (2) - 7.2	2.3	190000	10000
SVOC	Phenanthrene	401-A01	Major Amendment 3	4	0.063 - 0.271	0.14	190000	10000
SVOC	Phenanthrene	401-E02	Major Amendment 3	24	0.0056 - 3.6	0.61	190000	10000
SVOC	Phenanthrene	401-F01	Major Amendment 3	8	0.0552 - 6.8	1.1	190000	10000
SVOC	Phenanthrene	401-G01	Major Amendment 3	3	U (0.17) - 0.251	0.14	190000	10000
SVOC	Phenanthrene	401-H01	Major Amendment 3	3	0.126 - 2.17	0.81	190000	10000
SVOC	Phenanthrene	401-I01	Major Amendment 3	1	6.9 - 6.9	6.9	190000	10000
SVOC	Phenanthrene	401-J01	Major Amendment 3	3	0.0171 - 46	15	190000	10000
SVOC	Phenanthrene	401-K01	Major Amendment 3	5	0.048 - 4	1.4	190000	10000
SVOC	Phenanthrene	401-L01	Major Amendment 3	2	0.602 - 0.602	0.34	190000	10000
SVOC	Phenanthrene	401-L02	Major Amendment 3	6	0.024 - 2	0.40	190000	10000
SVOC	Phenanthrene	401-N01	Major Amendment 3	2	0.23 - 0.23	0.12	190000	10000
SVOC	Phenanthrene	401-O01	Major Amendment 3	1	U (0.033)	0.017	190000	10000
SVOC	Phenanthrene	401-P01	Major Amendment 3	5	0.206 - 3.64	1	190000	10000
SVOC	Phenanthrene	401-Q01	Major Amendment 3	33	0.0033 - 1110	44	190000	10000
SVOC	Phenanthrene	401-R01	Major Amendment 3	9	0.099 - 39	6.7	190000	10000
SVOC	Phenanthrene	402-A01	Major Amendment 3	41	0.033 - 31	3.3	190000	10000
SVOC	Phenanthrene	402-B01	Major Amendment 3	58	0.024 - 41	4.6	190000	10000
SVOC	Phenanthrene	402-C01	Major Amendment 3	3	0.012 - 1.7	0.90	190000	10000
SVOC	Phenanthrene	403-A01	Major Amendment 3	2	U (0.19)	0.058	190000	10000
SVOC	Phenanthrene	403-B01	Major Amendment 3	13	0.05 - 0.5	0.17	190000	10000
SVOC	Phenanthrene	403-C01	Major Amendment 3	8	U (1.4) - 62	7.8	190000	10000
SVOC	Phenanthrene	403-C02	Major Amendment 3	1	1 - 1	1.0	190000	10000
SVOC	Phenanthrene	403-E01	Major Amendment 3	1	U (0.039)	0.020	190000	10000
SVOC	Phenanthrene	403-F01	Major Amendment 3	7	0.0341 - 1.7	0.30	190000	10000
SVOC	Phenanthrene	403-G01	Major Amendment 3	2	U (0.18)	0.054	190000	10000
SVOC	Phenanthrene	404-A01	Major Amendment 3	19	0.0321 - 5.7	1.5	190000	10000
SVOC	Phenanthrene	404-B01	Major Amendment 3	26	0.0304 - 216	12	190000	10000
SVOC	Phenanthrene	404-B02	Major Amendment 3	6	U (2) - 7.2	2.3	190000	10000
SVOC	Phenanthrene	404-C01	Major Amendment 3	3	1.13 - 86	39	190000	10000
SVOC	Phenanthrene	404-D01	Major Amendment 3	6	0.179 - 2.72	1.0	190000	10000
SVOC	Phenanthrene	404-E01	Major Amendment 3	30	0.115 - 199	25	190000	10000
SVOC	Phenanthrene	404-F01	Major Amendment 3	22	0.469 - 471	62	190000	10000
SVOC	Phenanthrene	201-A01	Phase 1A	7	U (0.12) - 2	0.45	190000	10000
SVOC	Phenanthrene	201-A02	Phase 1A	14	0.032 - 2.4	0.63	190000	10000
SVOC	Phenanthrene	201-A03	Phase 1A	7	U (0.12) - 0.38	0.15	190000	10000
SVOC	Phenanthrene	201-A04	Phase 1A	29	0.024 - 6.1	0.75	190000	10000
SVOC	Phenanthrene	201-A05	Phase 1A	9	0.0022 - 0.49	0.17	190000	10000
SVOC	Phenanthrene	201-A06	Phase 1A	7	0.05 - 0.92	0.28	190000	10000
SVOC	Phenanthrene	201-A07	Phase 1A	9	0.011 - 0.24	0.077	190000	10000
SVOC	Phenanthrene	201-A08	Phase 1A	7	0.0018 - 0.19	0.036	190000	10000
SVOC	Phenanthrene	201-A09	Phase 1A	7	0.0011 - 1.2	0.19	190000	10000
SVOC	Phenanthrene	201-A10	Phase 1A	3	U (0.039) - 0.36	0.13	190000	10000
SVOC	Phenanthrene	201-A11	Phase 1A	4	0.0024 - 0.32	0.19	190000	10000
SVOC	Phenanthrene	201-A12	Phase 1A	6	0.055 - 1.7	0.52	190000	10000
SVOC	Phenanthrene	201-A13	Phase 1A	4	0.0067 - 0.23	0.11	190000	10000

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	201-A14	Phase 1A	9	0.026 - 3	0.89	190000	10000
SVOC	Phenanthrene	201-B02	Phase 1A	2	0.6 - 0.65	0.63	190000	10000
SVOC	Phenanthrene	201-B04	Phase 1A	3	U (0.025) - 0.19	0.069	190000	10000
SVOC	Phenanthrene	201-B05	Phase 1A	3	0.24 - 4.7	3.1	190000	10000
SVOC	Phenanthrene	201-B08	Phase 1A	4	U (0.066) - 0.03	0.018	190000	10000.0
SVOC	Phenanthrene	201-C01	Phase 1A	14	0.044 - 5	0.88	190000	10000.0
SVOC	Phenanthrene	201-C04	Phase 1A	11	0.12 - 3.5	1.3	190000	10000.0
SVOC	Phenanthrene	201-C05	Phase 1A	3	0.04 - 1.7	0.82	190000	10000.0
SVOC	Phenanthrene	201-C07	Phase 1A	8	0.25 - 2.9	1.5	190000	10000.0
SVOC	Phenanthrene	201-C08	Phase 1A	11	0.0042 - 12	1.2	190000	10000.0
SVOC	Phenanthrene	201-C09	Phase 1A	7	U (0.11) - 0.025	0.047	190000	10000.0
SVOC	Phenanthrene	201-C10	Phase 1A	3	U (0.4) - 1.94	1.1	190000	10000.0
SVOC	Phenanthrene	201-D01	Phase 1A	4	U (0.42) - 1.25	0.69	190000	10000.0
SVOC	Phenanthrene	201-D05	Phase 1A	4	0.017 - 19.1	7.1	190000	10000.0
SVOC	Phenanthrene	201-D12	Phase 1A	3	U (0.12)	0.057	190000	10000.0
SVOC	Phenanthrene	201-E01	Phase 1A	43	0.0016 - 3	0.30	190000	10000.0
SVOC	Phenanthrene	201-E02	Phase 1A	1	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	201-E03	Phase 1A	3	0.04 - 0.24	0.16	190000	10000.0
SVOC	Phenanthrene	201-E04	Phase 1A	3	U (0.59) - 1.8	0.97	190000	10000.0
SVOC	Phenanthrene	201-E05	Phase 1A	22	0.0093 - 0.62	0.12	190000	10000.0
SVOC	Phenanthrene	201-F01	Phase 1A	36	0.0205 - 23	1.0	190000	10000.0
SVOC	Phenanthrene	201-F02	Phase 1A	4	0.0088 - 31	8.2	190000	10000.0
SVOC	Phenanthrene	201-F03	Phase 1A	25	0.013 - 4	0.31	190000	10000.0
SVOC	Phenanthrene	201-F04	Phase 1A	21	U (0.41) - 5.4	0.60	190000	10000.0
SVOC	Phenanthrene	202-A03	Phase 1A	8	0.079 - 2.3	0.91	190000	10000.0
SVOC	Phenanthrene	202-A04	Phase 1A	4	0.1 - 2.9	0.96	190000	10000.0
SVOC	Phenanthrene	202-A05	Phase 1A	4	0.0014 - 1.2	0.32	190000	10000.0
SVOC	Phenanthrene	202-A06	Phase 1A	4	U (0.12)	0.055	190000	10000.0
SVOC	Phenanthrene	202-A07	Phase 1A	3	U (0.12) - 0.028	0.049	190000	10000.0
SVOC	Phenanthrene	202-A08	Phase 1A	3	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	202-A09	Phase 1A	6	U (0.12)	0.059	190000	10000.0
SVOC	Phenanthrene	202-B01	Phase 1A	2	0.092 - 0.11	0.10	190000	10000.0
SVOC	Phenanthrene	202-B02	Phase 1A	8	0.32 - 1.3	0.58	190000	10000.0
SVOC	Phenanthrene	202-B03	Phase 1A	15	0.21 - 1.9	0.27	190000	10000.0
SVOC	Phenanthrene	202-B04	Phase 1A	3	0.16 - 1	0.40	190000	10000.0
SVOC	Phenanthrene	202-B05	Phase 1A	4	0.058 - 0.13	0.057	190000	10000.0
SVOC	Phenanthrene	202-B09	Phase 1A	9	U (0.59) - 3.7	0.58	190000	10000.0
SVOC	Phenanthrene	202-C04	Phase 1A	15	U (3.7) - 0.77	0.32	190000	10000.0
SVOC	Phenanthrene	202-C05	Phase 1A	10	0.071 - 1.8	0.71	190000	10000.0
SVOC	Phenanthrene	202-C06	Phase 1A	4	0.096 - 0.25	0.11	190000	10000.0
SVOC	Phenanthrene	202-C07	Phase 1A	8	U (0.39) - 4.2	0.87	190000	10000.0
SVOC	Phenanthrene	202-C08	Phase 1A	4	0.59 - 1.2	0.67	190000	10000.0
SVOC	Phenanthrene	202-C10	Phase 1A	1	U (0.38)	0.19	190000	10000.0
SVOC	Phenanthrene	202-D05	Phase 1A	5	U (0.36) - 28	5.8	190000	10000.0
SVOC	Phenanthrene	202-D06	Phase 1A	11	U (2) - 5.9	1.9	190000	10000.0
SVOC	Phenanthrene	202-E06	Phase 1A	2	U (0.12)	0.055	190000	10000.0
SVOC	Phenanthrene	202-E08	Phase 1A	13	U (0.38) - 0.53	0.13	190000	10000.0
SVOC	Phenanthrene	202-E09	Phase 1A	16	U (0.41) - 1.4	0.25	190000	10000.0
SVOC	Phenanthrene	202-E10	Phase 1A	6	U (0.45) - 1.9	0.60	190000	10000.0
SVOC	Phenanthrene	202-E11	Phase 1A	2	U (0.41) - 2	1.1	190000	10000.0
SVOC	Phenanthrene	202-E12	Phase 1A	4	U (0.42) - 0.72	0.24	190000	10000.0
SVOC	Phenanthrene	202-E13	Phase 1A	2	2.3 - 2.5	2.4	190000	10000.0
SVOC	Phenanthrene	202-E15	Phase 1A	2	3.9 - 3.9	2.0	190000	10000.0
SVOC	Phenanthrene	202-F01	Phase 1A	7	1.5 - 1.9	1.0	190000	10000.0
SVOC	Phenanthrene	202-F04	Phase 1A	10	0.054 - 0.88	0.22	190000	10000.0
SVOC	Phenanthrene	202-F05	Phase 1A	2	U (0.11)	0.038	190000	10000.0
SVOC	Phenanthrene	202-F06	Phase 1A	2	0.17 - 0.17	0.19	190000	10000.0
SVOC	Phenanthrene	202-F07	Phase 1A	17	0.048 - 13	1.3	190000	10000.0
SVOC	Phenanthrene	202-F08	Phase 1A	4	U (0.12) - 0.034	0.034	190000	10000.0
SVOC	Phenanthrene	202-F10	Phase 1A	2	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	202-F14	Phase 1A	2	U (0.038) - 0.0235	0.021	190000	10000.0
SVOC	Phenanthrene	202-F16	Phase 1A	4	U (0.4) - 1.6	0.62	190000	10000.0
SVOC	Phenanthrene	202-F17	Phase 1A	8	U (0.11)	0.054	190000	10000.0
SVOC	Phenanthrene	202-G01	Phase 1A	8	U (0.21)	0.060	190000	10000.0
SVOC	Phenanthrene	202-G02	Phase 1A	14	U (2.4) - 29	2.1	190000	10000.0
SVOC	Phenanthrene	202-G03	Phase 1A	9	U (0.11)	0.048	190000	10000.0
SVOC	Phenanthrene	202-G04	Phase 1A	3	U (0.2) - 2	0.85	190000	10000.0
SVOC	Phenanthrene	202-G05	Phase 1A	6	U (0.41) - 1.5	0.80	190000	10000.0
SVOC	Phenanthrene	202-G07	Phase 1A	16	0.043 - 1.7	0.22	190000	10000.0
SVOC	Phenanthrene	202-H01	Phase 1A	2	0.55 - 1	0.78	190000	10000.0
SVOC	Phenanthrene	202-H03	Phase 1A	10	2.5 - 21.7	5.4	190000	10000.0
SVOC	Phenanthrene	202-H05	Phase 1A	8	0.0341 - 14	2.4	190000	10000.0
SVOC	Phenanthrene	202-H06	Phase 1A	2	U (0.04) - 0.104	0.062	190000	10000.0
SVOC	Phenanthrene	202-H07	Phase 1A	2	U (0.037) - 0.0401	0.029	190000	10000.0
SVOC	Phenanthrene	202-H08	Phase 1A	3	U (0.12)	0.053	190000	10000.0
SVOC	Phenanthrene	202-H11	Phase 1A	10	U (0.12) - 0.99	0.22	190000	10000.0
SVOC	Phenanthrene	202-I01	Phase 1A	2	U (0.12)	0.058	190000	10000.0
SVOC	Phenanthrene	202-I04	Phase 1A	4	U (0.11)	0.053	190000	10000.0
SVOC	Phenanthrene	202-J03	Phase 1A	7	1.8 - 19.6	7.9	190000	10000.0
SVOC	Phenanthrene	202-J04	Phase 1A	8	0.2 - 38	9.2	190000	10000.0
SVOC	Phenanthrene	202-J05	Phase 1A	6	0.0051 - 0.18	0.084	190000	10000.0
SVOC	Phenanthrene	202-J07	Phase 1A	7	0.024 - 0.59	0.26	190000	10000.0
SVOC	Phenanthrene	202-J08	Phase 1A	1	1.5 - 1.5	1.5	190000	10000.0

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	202-J09	Phase 1A	2	U (0.022) - 1.8	0.90	190000	10000.0
SVOC	Phenanthrene	301-AA01	Phase 1A	1	0.0183 - 0.0183	0.018	190000	10000.0
SVOC	Phenanthrene	301-AA02	Phase 1B	2	0.0219 - 0.0328	0.027	190000	10000.0
SVOC	Phenanthrene	301-AA05	Phase 1B	11	0.019 - 2.8	0.91	190000	10000.0
SVOC	Phenanthrene	301-AA06	Phase 1A	11	0.0092 - 2.5	0.49	190000	10000.0
SVOC	Phenanthrene	301-AA07	Phase 1A	4	0.028 - 6.99	1.8	190000	10000.0
SVOC	Phenanthrene	301-AA08	Phase 1A	3	0.15 - 0.16	0.11	190000	10000.0
SVOC	Phenanthrene	301-AA09	Phase 1A	3	0.019 - 0.35	0.20	190000	10000.0
SVOC	Phenanthrene	301-AB04	Phase 1A	3	0.057 - 0.36	0.20	190000	10000.0
SVOC	Phenanthrene	301-AB05	Phase 1B	6	0.0959 - 3.42	0.73	190000	10000.0
SVOC	Phenanthrene	301-AB06	Phase 1A	2	U (0.11)	0.055	190000	10000.0
SVOC	Phenanthrene	301-AB07	Phase 1A	1	0.48 - 0.48	0.48	190000	10000.0
SVOC	Phenanthrene	301-AB09	Phase 1A	2	U (0.876) - 3.62	1.8	190000	10000.0
SVOC	Phenanthrene	301-AC03	Phase 1B	2	0.529 - 1.8	1.2	190000	10000.0
SVOC	Phenanthrene	301-AC04	Phase 1A	25	U (0.57) - 12	0.79	190000	10000.0
SVOC	Phenanthrene	301-AC07	Phase 1A	10	U (0.56) - 6	0.81	190000	10000.0
SVOC	Phenanthrene	301-AC08	Phase 1A	7	0.13 - 26	3.9	190000	10000.0
SVOC	Phenanthrene	301-AC09	Phase 1A	6	0.00089 - 0.0098	0.0045	190000	10000.0
SVOC	Phenanthrene	301-B01	Phase 1A	1	U (0.018)	0.0090	190000	10000.0
SVOC	Phenanthrene	301-C01	Phase 1A	3	0.025 - 26	8.7	190000	10000.0
SVOC	Phenanthrene	301-C02	Phase 1A	7	U (0.39) - 0.26	0.11	190000	10000.0
SVOC	Phenanthrene	301-D01	Phase 1A	13	0.054 - 4.2	0.49	190000	10000.0
SVOC	Phenanthrene	301-E02	Phase 1A	14	U (0.35) - 3	0.37	190000	10000.0
SVOC	Phenanthrene	301-E03	Phase 1A	4	0.006 - 2.3	0.74	190000	10000.0
SVOC	Phenanthrene	301-G01	Phase 1A	2	0.011 - 0.087	0.049	190000	10000.0
SVOC	Phenanthrene	301-G02	Phase 1A	3	0.16 - 0.75	0.39	190000	10000.0
SVOC	Phenanthrene	301-G03	Phase 1A	1	0.49 - 0.49	0.49	190000	10000.0
SVOC	Phenanthrene	301-H02	Phase 1A	3	0.0029 - 0.37	0.20	190000	10000.0
SVOC	Phenanthrene	301-H03	Phase 1A	2	0.039 - 0.039	0.027	190000	10000.0
SVOC	Phenanthrene	301-L01	Phase 1C	7	0.602 - 4.8	1.5	190000	10000.0
SVOC	Phenanthrene	301-N02	Phase 1A	3	0.25 - 1.3	0.62	190000	10000.0
SVOC	Phenanthrene	301-P02	Phase 1A	2	0.351 - 12.7	6.5	190000	10000.0
SVOC	Phenanthrene	301-Q04	Phase 1A	6	U (0.4) - 1.18	0.35	190000	10000.0
SVOC	Phenanthrene	301-R02	Phase 1A	6	U (0.087) - 0.11	0.040	190000	10000.0
SVOC	Phenanthrene	301-S02	Phase 1A	4	0.059 - 0.059	0.030	190000	10000.0
SVOC	Phenanthrene	301-S03	Phase 1A	1	0.084 - 0.084	0.084	190000	10000.0
SVOC	Phenanthrene	301-T01	Phase 1B	5	U (5.3) - 11	3.0	190000	10000.0
SVOC	Phenanthrene	301-T02	Phase 1B	7	0.099 - 39	8.4	190000	10000.0
SVOC	Phenanthrene	301-T03	Phase 1C	2	1.2 - 1.2	0.62	190000	10000.0
SVOC	Phenanthrene	301-T04	Phase 1A	2	0.034 - 0.11	0.072	190000	10000.0
SVOC	Phenanthrene	301-U01	Phase 1B	2	U (0.19) - 2.8	1.4	190000	10000.0
SVOC	Phenanthrene	301-U03	Phase 1B	1	U (0.17)	0.085	190000	10000.0
SVOC	Phenanthrene	301-V01	Phase 1B	7	U (0.041) - 2.6	0.63	190000	10000.0
SVOC	Phenanthrene	301-V02	Phase 1B	19	0.0024 - 4.7	0.86	190000	10000.0
SVOC	Phenanthrene	301-V04	Phase 1A	29	U (0.12) - 0.45	0.078	190000	10000.0
SVOC	Phenanthrene	301-W01	Phase 1B	24	0.0026 - 4.1	0.27	190000	10000.0
SVOC	Phenanthrene	301-W03	Phase 1A	4	0.018 - 0.038	0.024	190000	10000.0
SVOC	Phenanthrene	301-X01	Phase 1B	11	U (0.18) - 3.7	1.1	190000	10000.0
SVOC	Phenanthrene	301-X03	Phase 1A	3	0.019 - 0.74	0.26	190000	10000.0
SVOC	Phenanthrene	301-Y01	Phase 1B	10	U (0.36) - 4.64	0.55	190000	10000.0
SVOC	Phenanthrene	301-Y02	Phase 1B	4	U (0.17) - 3.1	0.82	190000	10000.0
SVOC	Phenanthrene	301-Y03	Phase 1A	2	0.0376 - 0.686	0.36	190000	10000.0
SVOC	Phenanthrene	301-Y04	Phase 1A	3	0.023 - 0.45	0.17	190000	10000.0
SVOC	Phenanthrene	301-Y05	Phase 1A	6	0.0098 - 1.8	0.46	190000	10000.0
SVOC	Phenanthrene	301-Z01	Phase 1B	6	0.0157 - 0.0753	0.029	190000	10000.0
SVOC	Phenanthrene	301-Z02	Phase 1B	2	U (0.18) - 0.57	0.29	190000	10000.0
SVOC	Phenanthrene	301-Z03	Phase 1B	5	0.0371 - 14	3.8	190000	10000.0
SVOC	Phenanthrene	301-Z04	Phase 1A	14	0.26 - 9.8	2.1	190000	10000.0
SVOC	Phenanthrene	302-AD02	Phase 1C	2	U (0.19)	0.057	190000	10000.0
SVOC	Phenanthrene	302-AD06	Phase 1B	12	U (0.14) - 0.22	0.11	190000	10000.0
SVOC	Phenanthrene	302-AD07	Phase 1B	2	0.14 - 0.14	0.095	190000	10000.0
SVOC	Phenanthrene	302-AD08	Phase 1A	2	U (0.1)	0.050	190000	10000.0
SVOC	Phenanthrene	302-AD09	Phase 1A	3	U (0.1)	0.029	190000	10000.0
SVOC	Phenanthrene	302-AD10	Phase 1A	4	0.58 - 3	1.6	190000	10000.0
SVOC	Phenanthrene	302-AE03	Phase 1B	4	U (0.18) - 20	5.3	190000	10000.0
SVOC	Phenanthrene	302-AE04	Phase 1B	8	U (0.56) - 1.2	0.19	190000	10000.0
SVOC	Phenanthrene	302-AE05	Phase 1B	20	0.032 - 0.39	0.090	190000	10000.0
SVOC	Phenanthrene	302-AE07	Phase 1B	3	U (0.11) - 0.839	0.31	190000	10000.0
SVOC	Phenanthrene	302-AE08	Phase 1B	3	0.00093 - 0.00093	0.039	190000	10000.0
SVOC	Phenanthrene	302-AE09	Phase 1A	4	U (0.12)	0.046	190000	10000.0
SVOC	Phenanthrene	302-AF04	Phase 1B	22	0.031 - 6.2	0.64	190000	10000.0
SVOC	Phenanthrene	302-AF05	Phase 1B	2	0.228 - 0.318	0.27	190000	10000.0
SVOC	Phenanthrene	302-AF06	Phase 1A	8	0.032 - 4.8	0.75	190000	10000.0
SVOC	Phenanthrene	302-AF09	Phase 1B	5	U (0.04) - 0.72	0.16	190000	10000.0
SVOC	Phenanthrene	302-AG04	Phase 1B	9	U (0.2) - 7	1.3	190000	10000.0
SVOC	Phenanthrene	302-AG06	Phase 1B	5	U (0.041) - 0.172	0.054	190000	10000.0
SVOC	Phenanthrene	302-AG07	Phase 1A	14	U (0.12) - 2.2	0.19	190000	10000.0
SVOC	Phenanthrene	302-AG08	Phase 1B	6	0.18 - 4.1	1.7	190000	10000.0
SVOC	Phenanthrene	302-AH01	Phase 1C	2	U (0.19) - 0.24	0.13	190000	10000.0
SVOC	Phenanthrene	302-AH05	Phase 1B	11	0.12 - 4.7	1.3	190000	10000.0
SVOC	Phenanthrene	302-AH06	Phase 1B	4	U (0.0415) - 0.1	0.039	190000	10000.0
SVOC	Phenanthrene	302-AH07	Phase 1B	21	U (0.37) - 2.1	0.19	190000	10000.0
SVOC	Phenanthrene	302-AH08	Phase 1B	13	U (0.041) - 3.4	0.47	190000	10000.0

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	302-AI01	Phase 1C	2	U (0.04) - 0.402	0.21	190000	10000.0
SVOC	Phenanthrene	302-AI05	Phase 1B	11	0.0303 - 1.1	0.16	190000	10000.0
SVOC	Phenanthrene	302-AI06	Phase 1B	19	U (0.13) - 5.6	0.62	190000	10000.0
SVOC	Phenanthrene	302-AI07	Phase 1B	10	0.16 - 1.04	0.26	190000	10000.0
SVOC	Phenanthrene	302-AI08	Phase 1B	2	U (0.38)	0.11	190000	10000.0
SVOC	Phenanthrene	302-AI09	Phase 1B	3	U (0.041) - 0.296	0.11	190000	10000.0
SVOC	Phenanthrene	302-AJ05	Phase 1B	2	U (0.12) - 0.04	0.050	190000	10000.0
SVOC	Phenanthrene	302-AJ06	Phase 1B	5	0.074 - 0.37	0.12	190000	10000.0
SVOC	Phenanthrene	302-AJ09	Phase 1A	13	0.38 - 230	25	190000	10000.0
SVOC	Phenanthrene	302-AK05	Phase 1B	5	0.164 - 1.8	0.52	190000	10000.0
SVOC	Phenanthrene	302-AK06	Phase 1A	3	U (0.42) - 4.7	1.9	190000	10000.0
SVOC	Phenanthrene	302-AK07	Phase 1B	13	U (0.2) - 9.3	1.9	190000	10000.0
SVOC	Phenanthrene	302-AL01	Phase 1C	2	0.193 - 0.193	0.11	190000	10000.0
SVOC	Phenanthrene	302-AL03	Phase 1B	2	0.0807 - 10	5.0	190000	10000.0
SVOC	Phenanthrene	302-AL05	Phase 1B	13	U (0.42) - 4.3	1.2	190000	10000.0
SVOC	Phenanthrene	302-AL06	Phase 1A	13	0.35 - 10	1.6	190000	10000.0
SVOC	Phenanthrene	302-AL08	Phase 1B	2	U (0.041)	0.019	190000	10000.0
SVOC	Phenanthrene	302-AN01	Phase 1B	2	U (0.035) - 0.0826	0.050	190000	10000.0
SVOC	Phenanthrene	302-AN02	Phase 1A	2	U (0.198)	0.058	190000	10000.0
SVOC	Phenanthrene	302-AO03	Phase 1A	2	U (0.0418)	0.020	190000	10000.0
SVOC	Phenanthrene	302-AP02	Phase 1B	2	0.459 - 0.577	0.52	190000	10000.0
SVOC	Phenanthrene	302-AP03	Phase 1B	23	0.043 - 0.3	0.080	190000	10000.0
SVOC	Phenanthrene	302-AP04	Phase 1B	2	0.11 - 0.371	0.24	190000	10000.0
SVOC	Phenanthrene	302-AP05	Phase 1B	2	U (0.035)	0.017	190000	10000.0
SVOC	Phenanthrene	302-AQ01	Phase 1B	2	0.41 - 3.7	2.1	190000	10000.0
SVOC	Phenanthrene	302-AQ02	Phase 1A	7	U (1.1) - 12	1.8	190000	10000.0
SVOC	Phenanthrene	302-AQ04	Phase 1B	2	U (0.11)	0.055	190000	10000.0
SVOC	Phenanthrene	302-AR01	Phase 1B	2	0.26 - 7.3	3.8	190000	10000.0
SVOC	Phenanthrene	302-AR02	Phase 1A	4	U (0.12) - 0.22	0.098	190000	10000.0
SVOC	Phenanthrene	302-AR04	Phase 1B	3	U (0.12)	0.050	190000	10000.0
SVOC	Phenanthrene	302-AS03	Phase 1A	13	U (0.12) - 2.21	0.30	190000	10000.0
SVOC	Phenanthrene	302-AS04	Phase 1B	2	0.0446 - 0.0446	0.032	190000	10000.0
SVOC	Phenanthrene	302-AT01	Phase 1B	2	U (0.64) - 2.26	1.3	190000	10000.0
SVOC	Phenanthrene	302-AT02	Phase 1B	2	0.214 - 34.1	17	190000	10000.0
SVOC	Phenanthrene	302-AT03	Phase 1B	4	U (0.039) - 0.901	0.24	190000	10000.0
SVOC	Phenanthrene	302-AU01	Phase 1B	4	U (0.21) - 2.4	0.80	190000	10000.0
SVOC	Phenanthrene	302-AU02	Phase 1B	8	U (4)	0.30	190000	10000.0
SVOC	Phenanthrene	302-AU03	Phase 1B	2	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	302-AV01	Phase 1A	10	0.17 - 4.5	1.4	190000	10000.0
SVOC	Phenanthrene	302-AV02	Phase 1B	4	U (0.59) - 14	3.6	190000	10000.0
SVOC	Phenanthrene	302-AV03	Phase 1A	6	U (0.12) - 5.2	0.92	190000	10000.0
SVOC	Phenanthrene	302-AV04	Phase 1B	2	U (0.0415)	0.020	190000	10000.0
SVOC	Phenanthrene	302-AW01	Phase 1A	9	0.48 - 28	4.2	190000	10000.0
SVOC	Phenanthrene	302-AW02	Phase 1B	2	U (1.9) - 3.8	1.9	190000	10000.0
SVOC	Phenanthrene	302-AW03	Phase 1A	2	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	302-AX01	Phase 1A	13	U (0.16) - 62	13	190000	10000.0
SVOC	Phenanthrene	302-AX02	Phase 1B	3	U (0.038)	0.018	190000	10000.0
SVOC	Phenanthrene	302-AX05	Phase 1A	2	U (0.0414)	0.020	190000	10000.0
SVOC	Phenanthrene	302-AY02	Phase 1B	14	0.0508 - 160	26	190000	10000.0
SVOC	Phenanthrene	302-AY03	Phase 1B	2	0.0871 - 0.171	0.13	190000	10000.0
SVOC	Phenanthrene	302-AY05	Phase 1B	2	U (0.19)	0.058	190000	10000.0
SVOC	Phenanthrene	302-AZ02	Phase 1B	8	0.611 - 58	11	190000	10000.0
SVOC	Phenanthrene	302-AZ03	Phase 1B	1	0.82 - 0.82	0.82	190000	10000.0
SVOC	Phenanthrene	302-AZ05	Phase 1A	2	U (0.41) - 0.46	0.26	190000	10000.0
SVOC	Phenanthrene	302-BA03	Phase 1B	3	U (0.21)	0.11	190000	10000.0
SVOC	Phenanthrene	302-BA05	Phase 1A	2	0.476 - 5.7	3.1	190000	10000.0
SVOC	Phenanthrene	302-BB07	Phase 1B	9	0.029 - 0.68	0.27	190000	10000.0
SVOC	Phenanthrene	302-BB08	Phase 1B	1	0.3 - 0.3	0.30	190000	10000.0
SVOC	Phenanthrene	302-BC05	Phase 1A	7	U (0.039) - 0.29	0.057	190000	10000.0
SVOC	Phenanthrene	302-BC06	Phase 1B	8	0.024 - 0.15	0.073	190000	10000.0
SVOC	Phenanthrene	302-BD05	Phase 1A	4	U (0.12)	0.060	190000	10000.0
SVOC	Phenanthrene	302-BE04	Phase 1A	5	U (0.19) - 0.055	0.055	190000	10000.0
SVOC	Phenanthrene	303-AY01	Phase 1A	4	0.16 - 2.4	0.82	190000	10000.0
SVOC	Phenanthrene	303-AZ01	Phase 1A	5	0.72 - 8.4	4.7	190000	10000.0
SVOC	Phenanthrene	303-BA01	Phase 1A	8	0.0302 - 1.2	0.52	190000	10000.0
SVOC	Phenanthrene	303-BA02	Phase 1A	11	0.122 - 180	27	190000	10000.0
SVOC	Phenanthrene	303-BB01	Phase 1A	2	0.99 - 1.7	1.3	190000	10000.0
SVOC	Phenanthrene	303-BB02	Phase 1A	5	0.13 - 124	32	190000	10000.0
SVOC	Phenanthrene	303-BC01	Phase 1A	4	U (0.038) - 0.374	0.13	190000	10000.0
SVOC	Phenanthrene	303-BD04	Phase 1A	9	0.14 - 11	2.5	190000	10000.0
SVOC	Phenanthrene	303-BE03	Phase 1A	44	0.053 - 18	2.7	190000	10000.0
SVOC	Phenanthrene	303-BF05	Phase 1A	16	0.031 - 15	2.8	190000	10000.0
SVOC	Phenanthrene	303-BG04	Phase 1A	27	0.075 - 8.2	2.2	190000	10000.0
SVOC	Phenanthrene	303-BH02	Phase 1A	22	0.19 - 150	8.5	190000	10000.0
SVOC	Phenanthrene	303-BI03	Phase 1A	6	0.82 - 4.6	2.1	190000	10000.0
SVOC	Phenanthrene	303-BJ01	Phase 1A	3	29 - 36	32	190000	10000.0
SVOC	Phenanthrene	303-BJ02	Phase 1A	3	0.0353 - 1.16	0.52	190000	10000.0
SVOC	Phenanthrene	303-BK03	Phase 1A	7	0.39 - 3.5	1.5	190000	10000.0
SVOC	Phenanthrene	303-BL02	Phase 1A	10	0.062 - 8.9	1.4	190000	10000.0
SVOC	Phenanthrene	303-BM02	Phase 1A	2	0.016 - 15.3	7.7	190000	10000.0
SVOC	Phenanthrene	303-BN02	Phase 1A	15	0.0229 - 20	3.4	190000	10000.0
SVOC	Phenanthrene	303-BN03	Phase 1A	14	0.028 - 17	2.5	190000	10000.0
SVOC	Phenanthrene	303-BO02	Phase 1A	9	0.02 - 13	2.0	190000	10000.0

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	303-BP02	Phase 1A	32	0.01 - 31	4.0	190000	10000.0
SVOC	Phenanthrene	303-BQ01	Phase 1A	4	0.379 - 10.4	3.2	190000	10000.0
SVOC	Phenanthrene	303-BQ02	Phase 1A	15	0.004 - 46	5.3	190000	10000.0
SVOC	Phenanthrene	303-BR02	Phase 1A	8	0.17 - 120	16	190000	10000.0
SVOC	Phenanthrene	303-BT01	Phase 1A	13	0.006 - 4.3	0.39	190000	10000.0
SVOC	Phenanthrene	303-BW01	Phase 1A	2	0.0748 - 0.4	0.24	190000	10000.0
SVOC	Phenanthrene	ParcelB-01	Innovation Campus, Parcel B	2	6.8 - 6.8	3.6	190000	10000.0
SVOC	Phenanthrene	ParcelB-02	Innovation Campus, Parcel B	6	1.16 - 16.1	7.0	190000	10000.0
SVOC	Phenanthrene	ParcelB-03	Innovation Campus, Parcel B	3	U (4.7) - 26	9.0	190000	10000.0
SVOC	Phenanthrene	ParcelB-04	Innovation Campus, Parcel B	3	13.8 - 13.8	4.9	190000	10000.0
SVOC	Phenanthrene	ParcelB-06	Innovation Campus, Parcel B	2	1.49 - 1.49	2.6	190000	10000.0
SVOC	Phenanthrene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4) - 0.222	2.3	190000	10000.0
SVOC	Phenanthrene	ParcelB-08	Innovation Campus, Parcel B	2	13.1 - 13.1	7.0	190000	10000.0
SVOC	Phenanthrene	ParcelB-10	Innovation Campus, Parcel B	3	4.75 - 14	6.3	190000	10000.0
SVOC	Phenanthrene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	190000	10000.0
SVOC	Phenanthrene	ParcelB-13	Innovation Campus, Parcel B	2	1.7 - 8.5	5.1	190000	10000.0
SVOC	Phenanthrene	ParcelB-14	Innovation Campus, Parcel B	3	0.26 - 5.9	2.1	190000	10000.0
SVOC	Phenanthrene	ParcelB-15	Innovation Campus, Parcel B	2	4.81 - 4.81	2.4	190000	10000.0
SVOC	Phenanthrene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	190000	10000.0
SVOC	Phenanthrene	ParcelB-19	Innovation Campus, Parcel B	1	1.1 - 1.1	1.1	190000	10000.0
SVOC	Phenanthrene	ParcelB-20	Innovation Campus, Parcel B	3	9.7 - 58	23	190000	10000.0
SVOC	Phenanthrene	ParcelB-21	Innovation Campus, Parcel B	3	0.246 - 16	9.5	190000	10000.0
SVOC	Phenanthrene	101-D20-C	Innovation Campus	20	U (0.464) - 15	1.2	190000	10000.0
SVOC	Phenanthrene	101-G24-C	Innovation Campus	2	U (0.445) - 0.56	0.29	190000	10000.0
SVOC	Phenanthrene	101-G26-C	Innovation Campus	1	4.5 - 4.5	4.5	190000	10000.0
SVOC	Phenanthrene	101-H24-C	Innovation Campus	2	0.164 - 0.427	0.30	190000	10000.0
SVOC	Phenanthrene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	190000	10000.0
SVOC	Phenanthrene	101-I25-C	Innovation Campus	2	0.91 - 1.54	1.2	190000	10000.0
SVOC	Phenanthrene	101-J23-C	Innovation Campus	2	0.409 - 0.947	0.68	190000	10000.0
SVOC	Phenanthrene	101-L31-C	Innovation Campus	2	0.258 - 0.258	0.14	190000	10000.0
SVOC	Phenanthrene	101-U37-C	Innovation Campus	5	U (7.36) - 0.45	0.90	190000	10000.0
SVOC	Phenanthrene	102-E08-C	Innovation Campus	3	13.8 - 13.8	4.9	190000	10000.0
SVOC	Phenanthrene	102-G23-C	Innovation Campus	2	U (20.5)	5.1	190000	10000.0
SVOC	Phenanthrene	103-A10-C	Innovation Campus	6	4.75 - 14	6.5	190000	10000.0
SVOC	Phenanthrene	103-A10-S	Innovation Campus	2	13.1 - 13.1	7.0	190000	10000.0
SVOC	Phenanthrene	103-A14-S	Innovation Campus	1	14 - 14	14	190000	10000.0
SVOC	Phenanthrene	103-A15-S	Innovation Campus	2	4.75 - 4.75	2.5	190000	10000.0
SVOC	Phenanthrene	103-A17-S	Innovation Campus	1	5.9 - 5.9	5.9	190000	10000.0
SVOC	Phenanthrene	103-H01-C	Innovation Campus	2	1.7 - 8.5	5.1	190000	10000.0
SVOC	Phenanthrene	104-K10-C	Innovation Campus	2	0.26 - 0.26	0.14	190000	10000.0
SVOC	Phenanthrene	LS-A-A01	Innovation Campus	1	26 - 26	26	190000	10000.0
SVOC	Phenanthrene	LS-A-A02	Innovation Campus	2	0.0739 - 1.4	0.74	190000	10000.0
SVOC	Phenanthrene	LS-A-A03	Innovation Campus	1	3.09 - 3.09	3.1	190000	10000.0
SVOC	Phenanthrene	LS-A-A04	Innovation Campus	3	1.5 - 7.2	3.8	190000	10000.0
SVOC	Phenanthrene	LS-A-B02	Innovation Campus	14	0.1 - 4.67	0.98	190000	10000.0
SVOC	Phenanthrene	LS-A-B03	Innovation Campus	4	0.186 - 0.219	0.13	190000	10000.0
SVOC	Phenanthrene	LS-A-C01	Innovation Campus	28	U (19) - 380	21	190000	10000.0
SVOC	Phenanthrene	LS-A-C02	Innovation Campus	12	0.0678 - 8.5	2.1	190000	10000.0
SVOC	Phenanthrene	LS-A-C04	Innovation Campus	3	0.211 - 0.834	0.53	190000	10000.0
SVOC	Phenanthrene	LS-A-D01	Innovation Campus	5	0.0797 - 1.5	0.71	190000	10000.0
SVOC	Phenanthrene	LS-A-D02	Innovation Campus	1	2.1 - 2.1	2.1	190000	10000.0
SVOC	Phenanthrene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	190000	10000.0
SVOC	Phenanthrene	LS-A-D04	Innovation Campus	2	U (1.84) - 3.32	1.7	190000	10000.0
SVOC	Phenanthrene	LS-A-D05	Innovation Campus	6	U (1) - 2.9	0.95	190000	10000.0
SVOC	Phenanthrene	LS-A-D06	Innovation Campus	2	U (0.364) - 0.226	0.20	190000	10000.0
SVOC	Phenanthrene	LS-A-D07	Innovation Campus	2	1.59 - 1.59	1.7	190000	10000.0
SVOC	Phenanthrene	LS-A-E01	Innovation Campus	3	1.16 - 1.16	0.85	190000	10000.0
SVOC	Phenanthrene	LS-A-E03	Innovation Campus	1	1.4 - 1.4	1.4	190000	10000.0
SVOC	Phenanthrene	LS-A-E04	Innovation Campus	2	0.0787 - 54.3	27	190000	10000.0
SVOC	Phenanthrene	LS-A-E05	Innovation Campus	1	3.7 - 3.7	3.7	190000	10000.0
SVOC	Phenanthrene	LS-A-E07	Innovation Campus	7	4.7 - 18	12	190000	10000.0
SVOC	Phenanthrene	LS-A-E08	Innovation Campus	6	4.8 - 26	12	190000	10000.0
SVOC	Phenanthrene	LS-A-F01	Innovation Campus	3	22.2 - 22.2	8.2	190000	10000.0
SVOC	Phenanthrene	LS-A-F02	Innovation Campus	3	9.7 - 58	23	190000	10000.0
SVOC	Phenanthrene	LS-A-F03	Innovation Campus	1	U (0.98)	0.49	190000	10000.0
SVOC	Phenanthrene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.33	0.14	190000	10000.0
SVOC	Phenanthrene	LS-A-F05	Innovation Campus	1	48 - 48	48	190000	10000.0
SVOC	Phenanthrene	LS-A-G01	Innovation Campus	3	1.1 - 2.76	1.8	190000	10000.0
SVOC	Phenanthrene	LS-A-G02	Innovation Campus	2	2.08 - 3.3	2.7	190000	10000.0
SVOC	Phenanthrene	LS-A-G03	Innovation Campus	3	4.81 - 5.9	3.6	190000	10000.0
SVOC	Phenanthrene	LS-A-G07	Innovation Campus	3	0.246 - 16	9.5	190000	10000.0
SVOC	Phenanthrene	LS-A-G08	Innovation Campus	2	U (2.06)	1.0	190000	10000.0
SVOC	Phenanthrene	LS-A-H03	Innovation Campus	2	0.26 - 0.932	0.60	190000	10000.0
SVOC	Phenanthrene	LS-A-H04	Innovation Campus	2	0.928 - 0.928	0.97	190000	10000.0
SVOC	Phenanthrene	LS-A-H06	Innovation Campus	1	1.2 - 1.2	1.2	190000	10000.0
SVOC	Phenanthrene	LS-A-H07	Innovation Campus	2	0.417 - 2.04	1.2	190000	10000.0
SVOC	Phenanthrene	LS-A-I01	Innovation Campus	6	1.49 - 1.49	2.7	190000	10000.0
SVOC	Phenanthrene	LS-A-I02	Innovation Campus	1	U (5)	2.5	190000	10000.0
SVOC	Phenanthrene	LS-A-I03	Innovation Campus	3	U (0.94) - 7.1	2.5	190000	10000.0
SVOC	Phenanthrene	LS-B-B01	Innovation Campus	1	0.045 - 0.045	0.045	190000	10000.0
SVOC	Phenanthrene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.31	0.12	190000	10000.0
SVOC	Phenanthrene	LS-B-E01	Innovation Campus	4	0.96 - 15.9	6.5	190000	10000.0
SVOC	Phenanthrene	LS-B-G02	Innovation Campus	1	4.74 - 4.74	4.7	190000	10000.0

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Phenanthrene	LS-B-H02	Innovation Campus	3	0.162 - 1.9	0.72	190000	10000.0
SVOC	Phenanthrene	LS-E-B01	Innovation Campus	81	0.0049 - 320	19	190000	10000.0
SVOC	Phenanthrene	LS-E-G01	Innovation Campus	4	0.862 - 1.6	1.1	190000	10000.0
SVOC	Pyrene	401-MA3-1-02	Major Amendment 3 Resampling	4	0.0343 - 0.354	0.13	96000	2200.0
SVOC	Pyrene	401-MA3-1-08	Major Amendment 3 Resampling	11	0.0278 - 7.1	1.3	96000	2200.0
SVOC	Pyrene	401-MA3-1-10	Major Amendment 3 Resampling	13	0.0031 - 0.26	0.060	96000	2200.0
SVOC	Pyrene	401-MA3-1-12	Major Amendment 3 Resampling	8	0.0876 - 8.8	1.2	96000	2200.0
SVOC	Pyrene	401-MA3-1-13	Major Amendment 3 Resampling	3	0.161 - 0.338	0.26	96000	2200.0
SVOC	Pyrene	401-MA3-1-14	Major Amendment 3 Resampling	3	0.175 - 1.35	0.58	96000	2200.0
SVOC	Pyrene	401-MA3-1-18	Major Amendment 3 Resampling	1	5.5 - 5.5	5.5	96000	2200.0
SVOC	Pyrene	401-MA3-1-21	Major Amendment 3 Resampling	3	0.0586 - 0.21	1.5	96000	2200.0
SVOC	Pyrene	401-MA3-1-23	Major Amendment 3 Resampling	5	U (0.021) - 0.32	0.12	96000	2200.0
SVOC	Pyrene	401-MA3-1-24	Major Amendment 3 Resampling	2	0.132 - 0.132	0.11	96000	2200.0
SVOC	Pyrene	401-MA3-1-25	Major Amendment 3 Resampling	3	0.022 - 0.33	0.13	96000	2200.0
SVOC	Pyrene	401-MA3-1-33	Major Amendment 3 Resampling	2	0.063 - 0.063	0.036	96000	2200.0
SVOC	Pyrene	401-MA3-1-34	Major Amendment 3 Resampling	1	U (0.033)	0.017	96000	2200.0
SVOC	Pyrene	401-MA3-1-35	Major Amendment 3 Resampling	5	0.149 - 2.26	0.73	96000	2200.0
SVOC	Pyrene	401-MA3-1-48	Major Amendment 3 Resampling	2	U (0.092) - 0.41	0.23	96000	2200.0
SVOC	Pyrene	401-MA3-1-49	Major Amendment 3 Resampling	6	0.0109 - 0.53	0.20	96000	2200.0
SVOC	Pyrene	401-MA3-1-54	Major Amendment 3 Resampling	3	U (0.22) - 2.9	1.0	96000	2200.0
SVOC	Pyrene	401-MA3-1-55	Major Amendment 3 Resampling	3	0.28 - 0.5	0.37	96000	2200.0
SVOC	Pyrene	401-MA3-1-56	Major Amendment 3 Resampling	2	0.43 - 0.43	0.22	96000	2200.0
SVOC	Pyrene	401-MA3-1-57	Major Amendment 3 Resampling	5	0.13 - 1.5	0.40	96000	2200.0
SVOC	Pyrene	401-MA3-1-58	Major Amendment 3 Resampling	1	0.26 - 0.26	0.26	96000	2200.0
SVOC	Pyrene	401-MA3-1-59	Major Amendment 3 Resampling	4	0.037 - 7.1	1.9	96000	2200.0
SVOC	Pyrene	401-MA3-1-60	Major Amendment 3 Resampling	25	U (0.87) - 41	3.6	96000	2200.0
SVOC	Pyrene	401-MA3-1-61	Major Amendment 3 Resampling	3	U (0.019) - 0.031	0.016	96000	2200.0
SVOC	Pyrene	401-MA3-1-68	Major Amendment 3 Resampling	1	13 - 13	13	96000	2200.0
SVOC	Pyrene	401-MA3-1-70	Major Amendment 3 Resampling	3	U (0.088) - 0.95	0.33	96000	2200.0
SVOC	Pyrene	401-MA3-1-72	Major Amendment 3 Resampling	4	0.528 - 1.7	0.85	96000	2200.0
SVOC	Pyrene	402-MA3-1-03	Major Amendment 3 Resampling	52	0.18 - 26	3.1	96000	2200.0
SVOC	Pyrene	403-MA3-1-01	Major Amendment 3 Resampling	13	0.043 - 0.13	0.076	96000	2200.0
SVOC	Pyrene	403-MA3-1-03	Major Amendment 3 Resampling	1	U (0.12)	0.060	96000	2200.0
SVOC	Pyrene	403-MA3-1-04	Major Amendment 3 Resampling	1	0.11 - 0.11	0.11	96000	2200.0
SVOC	Pyrene	403-MA3-1-12	Major Amendment 3 Resampling	1	0.33 - 0.33	0.33	96000	2200.0
SVOC	Pyrene	403-MA3-1-16	Major Amendment 3 Resampling	4	0.0236 - 0.53	0.34	96000	2200.0
SVOC	Pyrene	403-MA3-1-18	Major Amendment 3 Resampling	1	U (0.039)	0.020	96000	2200.0
SVOC	Pyrene	404-MA3-1-01	Major Amendment 3 Resampling	19	U (2.5) - 34	6.3	96000	2200.0
SVOC	Pyrene	404-MA3-1-02	Major Amendment 3 Resampling	7	0.389 - 20	6.4	96000	2200.0
SVOC	Pyrene	404-MA3-1-05	Major Amendment 3 Resampling	68	0.049 - 35.5	2.7	96000	2200.0
SVOC	Pyrene	404-MA3-1-06	Major Amendment 3 Resampling	6	0.51 - 11	3.0	96000	2200.0
SVOC	Pyrene	401-A01	Major Amendment 3	4	0.0343 - 0.354	0.13	96000	2200.0
SVOC	Pyrene	401-E02	Major Amendment 3	24	0.0031 - 7.1	0.61	96000	2200.0
SVOC	Pyrene	401-F01	Major Amendment 3	8	0.0876 - 8.8	1.2	96000	2200.0
SVOC	Pyrene	401-G01	Major Amendment 3	3	0.161 - 0.338	0.26	96000	2200.0
SVOC	Pyrene	401-H01	Major Amendment 3	3	0.175 - 1.35	0.58	96000	2200.0
SVOC	Pyrene	401-I01	Major Amendment 3	1	5.5 - 5.5	5.5	96000	2200.0
SVOC	Pyrene	401-J01	Major Amendment 3	3	0.0586 - 0.21	1.5	96000	2200.0
SVOC	Pyrene	401-K01	Major Amendment 3	5	U (0.021) - 0.32	0.12	96000	2200.0
SVOC	Pyrene	401-L01	Major Amendment 3	2	0.132 - 0.132	0.11	96000	2200.0
SVOC	Pyrene	401-L02	Major Amendment 3	6	0.022 - 0.95	0.23	96000	2200.0
SVOC	Pyrene	401-N01	Major Amendment 3	2	0.063 - 0.063	0.036	96000	2200.0
SVOC	Pyrene	401-O01	Major Amendment 3	1	U (0.033)	0.017	96000	2200.0
SVOC	Pyrene	401-P01	Major Amendment 3	5	0.149 - 2.26	0.73	96000	2200.0
SVOC	Pyrene	401-Q01	Major Amendment 3	33	0.0023 - 648	26	96000	2200.0
SVOC	Pyrene	401-R01	Major Amendment 3	4	0.528 - 1.7	0.85	96000	2200.0
SVOC	Pyrene	402-A01	Major Amendment 3	41	0.024 - 13	2.2	96000	2200.0
SVOC	Pyrene	402-B01	Major Amendment 3	56	0.03 - 29	4.2	96000	2200.0
SVOC	Pyrene	402-C01	Major Amendment 3	3	0.024 - 3	1.6	96000	2200.0
SVOC	Pyrene	403-A01	Major Amendment 3	2	U (0.19)	0.058	96000	2200.0
SVOC	Pyrene	403-B01	Major Amendment 3	13	0.043 - 0.13	0.076	96000	2200.0
SVOC	Pyrene	403-C01	Major Amendment 3	8	U (1.4) - 10	1.3	96000	2200.0
SVOC	Pyrene	403-C02	Major Amendment 3	1	0.11 - 0.11	0.11	96000	2200.0
SVOC	Pyrene	403-E01	Major Amendment 3	1	U (0.039)	0.020	96000	2200.0
SVOC	Pyrene	403-F01	Major Amendment 3	7	0.0201 - 0.65	0.16	96000	2200.0
SVOC	Pyrene	403-G01	Major Amendment 3	2	U (0.18)	0.054	96000	2200.0
SVOC	Pyrene	404-A01	Major Amendment 3	19	0.0447 - 8.85	2.4	96000	2200.0
SVOC	Pyrene	404-B01	Major Amendment 3	24	0.124 - 93.2	7.1	96000	2200.0
SVOC	Pyrene	404-B02	Major Amendment 3	6	0.51 - 11	3.0	96000	2200.0
SVOC	Pyrene	404-C01	Major Amendment 3	3	0.909 - 17	8.1	96000	2200.0
SVOC	Pyrene	404-D01	Major Amendment 3	6	0.227 - 5.02	1.4	96000	2200.0
SVOC	Pyrene	404-E01	Major Amendment 3	30	0.134 - 150	15	96000	2200.0
SVOC	Pyrene	404-F01	Major Amendment 3	22	0.543 - 292	44	96000	2200.0
SVOC	Pyrene	201-A01	Phase 1A	7	U (0.12) - 0.64	0.16	96000	2200.0
SVOC	Pyrene	201-A02	Phase 1A	14	0.022 - 1.9	0.36	96000	2200.0
SVOC	Pyrene	201-A03	Phase 1A	7	U (0.12) - 0.16	0.092	96000	2200.0
SVOC	Pyrene	201-A04	Phase 1A	29	0.027 - 1.78	0.42	96000	2200.0
SVOC	Pyrene	201-A05	Phase 1A	9	U (0.41) - 0.19	0.064	96000	2200.0
SVOC	Pyrene	201-A06	Phase 1A	7	0.0031 - 0.21	0.070	96000	2200.0
SVOC	Pyrene	201-A07	Phase 1A	9	0.0055 - 0.12	0.039	96000	2200.0
SVOC	Pyrene	201-A08	Phase 1A	7	0.0008 - 0.22	0.046	96000	2200.0
SVOC	Pyrene	201-A09	Phase 1A	7	0.001 - 0.52	0.085	96000	2200.0
SVOC	Pyrene	201-A10	Phase 1A	3	U (0.039) - 0.62	0.21	96000	2200

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Pyrene	201-A11	Phase 1A	4	0.0045 - 0.023	0.010	96000	2200
SVOC	Pyrene	201-A12	Phase 1A	6	0.022 - 1	0.23	96000	2200
SVOC	Pyrene	201-A13	Phase 1A	4	0.1 - 0.35	0.16	96000	2200
SVOC	Pyrene	201-A14	Phase 1A	9	0.0076 - 3.1	0.59	96000	2200
SVOC	Pyrene	201-B02	Phase 1A	2	U (0.42)	0.11	96000	2200
SVOC	Pyrene	201-B04	Phase 1A	3	U (0.49) - 0.0044	0.094	96000	2200
SVOC	Pyrene	201-B05	Phase 1A	3	0.19 - 0.54	0.36	96000	2200
SVOC	Pyrene	201-B08	Phase 1A	4	U (0.47)	0.10	96000	2200
SVOC	Pyrene	201-C01	Phase 1A	14	U (1.2) - 0.14	0.13	96000	2200
SVOC	Pyrene	201-C04	Phase 1A	11	U (1.2) - 0.29	0.21	96000	2200
SVOC	Pyrene	201-C05	Phase 1A	3	0.01 - 24.8	8.6	96000	2200
SVOC	Pyrene	201-C07	Phase 1A	8	0.16 - 3	1.4	96000	2200
SVOC	Pyrene	201-C08	Phase 1A	11	0.021 - 9.8	0.96	96000	2200
SVOC	Pyrene	201-C09	Phase 1A	7	U (0.11)	0.051	96000	2200
SVOC	Pyrene	201-C10	Phase 1A	3	U (0.4) - 3.65	1.6	96000	2200
SVOC	Pyrene	201-D01	Phase 1A	4	U (0.42) - 1.29	0.43	96000	2200
SVOC	Pyrene	201-D05	Phase 1A	4	0.012 - 9.7	3.2	96000	2200
SVOC	Pyrene	201-D12	Phase 1A	3	0.036 - 0.036	0.049	96000	2200
SVOC	Pyrene	201-E01	Phase 1A	43	0.0013 - 0.17	0.14	96000	2200
SVOC	Pyrene	201-E02	Phase 1A	1	U (0.12)	0.060	96000	2200
SVOC	Pyrene	201-E03	Phase 1A	3	0.039 - 0.039	0.089	96000	2200
SVOC	Pyrene	201-E04	Phase 1A	3	U (0.59) - 1.3	0.54	96000	2200
SVOC	Pyrene	201-E05	Phase 1A	22	U (0.33) - 0.27	0.067	96000	2200
SVOC	Pyrene	201-F01	Phase 1A	36	0.031 - 4.2	0.29	96000	2200
SVOC	Pyrene	201-F02	Phase 1A	4	0.006 - 1.1	0.37	96000	2200
SVOC	Pyrene	201-F03	Phase 1A	25	0.0044 - 0.2	0.080	96000	2200
SVOC	Pyrene	201-F04	Phase 1A	21	U (0.41) - 0.22	0.089	96000	2200
SVOC	Pyrene	202-A03	Phase 1A	8	U (0.12) - 0.16	0.066	96000	2200
SVOC	Pyrene	202-A04	Phase 1A	4	U (0.41) - 1	0.33	96000	2200
SVOC	Pyrene	202-A05	Phase 1A	4	0.002 - 0.14	0.052	96000	2200
SVOC	Pyrene	202-A06	Phase 1A	4	U (0.12)	0.055	96000	2200
SVOC	Pyrene	202-A07	Phase 1A	3	U (0.12) - 0.021	0.047	96000	2200
SVOC	Pyrene	202-A08	Phase 1A	3	U (0.12)	0.060	96000	2200
SVOC	Pyrene	202-A09	Phase 1A	6	U (0.12)	0.059	96000	2200
SVOC	Pyrene	202-B01	Phase 1A	2	0.1 - 0.22	0.16	96000	2200
SVOC	Pyrene	202-B02	Phase 1A	8	U (0.4) - 0.16	0.13	96000	2200
SVOC	Pyrene	202-B03	Phase 1A	15	0.064 - 0.28	0.084	96000	2200
SVOC	Pyrene	202-B04	Phase 1A	3	0.15 - 0.15	0.12	96000	2200
SVOC	Pyrene	202-B05	Phase 1A	4	0.054 - 0.11	0.087	96000	2200
SVOC	Pyrene	202-B09	Phase 1A	9	0.19 - 0.36	0.14	96000	2200
SVOC	Pyrene	202-C04	Phase 1A	15	0.021 - 0.44	0.30	96000	2200
SVOC	Pyrene	202-C05	Phase 1A	10	0.076 - 1	0.36	96000	2200
SVOC	Pyrene	202-C06	Phase 1A	4	0.081 - 0.21	0.12	96000	2200
SVOC	Pyrene	202-C07	Phase 1A	8	U (0.5) - 1.6	0.49	96000	2200
SVOC	Pyrene	202-C08	Phase 1A	4	0.2 - 0.36	0.17	96000	2200
SVOC	Pyrene	202-C10	Phase 1A	1	U (0.38)	0.19	96000	2200
SVOC	Pyrene	202-D05	Phase 1A	5	U (0.36) - 3.1	0.69	96000	2200
SVOC	Pyrene	202-D06	Phase 1A	11	U (2) - 1.3	0.57	96000	2200
SVOC	Pyrene	202-E06	Phase 1A	2	0.031 - 0.031	0.041	96000	2200
SVOC	Pyrene	202-E08	Phase 1A	13	U (0.38) - 0.24	0.076	96000	2200
SVOC	Pyrene	202-E09	Phase 1A	16	0.036 - 0.82	0.13	96000	2200
SVOC	Pyrene	202-E10	Phase 1A	6	U (0.45) - 0.055	0.11	96000	2200
SVOC	Pyrene	202-E11	Phase 1A	2	U (0.41)	0.16	96000	2200
SVOC	Pyrene	202-E12	Phase 1A	4	U (0.42) - 0.092	0.10	96000	2200
SVOC	Pyrene	202-E13	Phase 1A	2	U (0.38)	0.15	96000	2200
SVOC	Pyrene	202-E15	Phase 1A	2	U (0.38)	0.19	96000	2200
SVOC	Pyrene	202-F01	Phase 1A	7	U (0.43)	0.18	96000	2200
SVOC	Pyrene	202-F04	Phase 1A	10	0.029 - 0.15	0.066	96000	2200
SVOC	Pyrene	202-F05	Phase 1A	2	U (0.11) - 0.024	0.022	96000	2200
SVOC	Pyrene	202-F06	Phase 1A	2	0.24 - 0.24	0.23	96000	2200
SVOC	Pyrene	202-F07	Phase 1A	17	0.022 - 0.79	0.25	96000	2200
SVOC	Pyrene	202-F08	Phase 1A	4	U (0.12)	0.040	96000	2200
SVOC	Pyrene	202-F10	Phase 1A	2	U (0.12)	0.060	96000	2200
SVOC	Pyrene	202-F14	Phase 1A	2	U (0.038) - 0.0297	0.024	96000	2200
SVOC	Pyrene	202-F16	Phase 1A	4	U (0.4) - 1.1	0.36	96000	2200
SVOC	Pyrene	202-F17	Phase 1A	8	U (0.11)	0.054	96000	2200
SVOC	Pyrene	202-G01	Phase 1A	8	U (0.21)	0.060	96000	2200
SVOC	Pyrene	202-G02	Phase 1A	14	U (2.4) - 2.9	0.27	96000	2200
SVOC	Pyrene	202-G03	Phase 1A	9	U (0.11)	0.048	96000	2200
SVOC	Pyrene	202-G04	Phase 1A	3	U (0.2)	0.083	96000	2200
SVOC	Pyrene	202-G05	Phase 1A	6	U (0.41)	0.13	96000	2200
SVOC	Pyrene	202-G07	Phase 1A	16	U (0.12) - 0.11	0.061	96000	2200
SVOC	Pyrene	202-H03	Phase 1A	5	0.697 - 1.11	0.40	96000	2200
SVOC	Pyrene	202-H05	Phase 1A	1	U (0.04)	0.020	96000	2200
SVOC	Pyrene	202-H06	Phase 1A	2	U (0.04) - 0.12	0.070	96000	2200
SVOC	Pyrene	202-H07	Phase 1A	2	U (0.037) - 0.0476	0.033	96000	2200
SVOC	Pyrene	202-H08	Phase 1A	3	U (0.12)	0.053	96000	2200
SVOC	Pyrene	202-H11	Phase 1A	10	U (0.12) - 0.18	0.081	96000	2200
SVOC	Pyrene	202-I01	Phase 1A	2	U (0.12)	0.058	96000	2200
SVOC	Pyrene	202-I04	Phase 1A	4	U (0.11)	0.053	96000	2200
SVOC	Pyrene	202-J03	Phase 1A	7	0.34 - 2.68	1.3	96000	2200
SVOC	Pyrene	202-J04	Phase 1A	8	0.078 - 2.2	0.63	96000	2200
SVOC	Pyrene	202-J05	Phase 1A	6	0.014 - 0.44	0.17	96000	2200

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Pyrene	202-J07	Phase 1A	7	U (0.39) - 0.78	0.25	96000	2200
SVOC	Pyrene	202-J08	Phase 1A	1	2.4 - 2.4	2.4	96000	2200
SVOC	Pyrene	202-J09	Phase 1A	2	U (0.022) - 1.1	0.55	96000	2200
SVOC	Pyrene	301-AA01	Phase 1A	1	0.0201 - 0.0201	0.020	96000	2200
SVOC	Pyrene	301-AA02	Phase 1B	2	U (0.039) - 0.0573	0.038	96000	2200
SVOC	Pyrene	301-AA05	Phase 1B	11	U (2.1) - 0.89	0.28	96000	2200
SVOC	Pyrene	301-AA06	Phase 1A	11	0.0099 - 0.29	0.086	96000	2200
SVOC	Pyrene	301-AA07	Phase 1A	4	U (0.12) - 1.44	0.45	96000	2200
SVOC	Pyrene	301-AA08	Phase 1A	3	0.052 - 0.11	0.057	96000	2200
SVOC	Pyrene	301-AA09	Phase 1A	3	U (0.02) - 0.26	0.10	96000	2200
SVOC	Pyrene	301-AB04	Phase 1A	3	U (0.37)	0.18	96000	2200
SVOC	Pyrene	301-AB05	Phase 1B	6	0.042 - 0.348	0.12	96000	2200
SVOC	Pyrene	301-AB06	Phase 1A	2	U (0.11)	0.055	96000	2200
SVOC	Pyrene	301-AB07	Phase 1A	1	0.58 - 0.58	0.58	96000	2200
SVOC	Pyrene	301-AB09	Phase 1A	2	U (0.876) - 16.1	8.1	96000	2200
SVOC	Pyrene	301-AC03	Phase 1B	2	0.822 - 1.6	1.2	96000	2200
SVOC	Pyrene	301-AC04	Phase 1A	25	U (0.57) - 14	1.0	96000	2200
SVOC	Pyrene	301-AC07	Phase 1A	10	U (0.56) - 1.1	0.34	96000	2200
SVOC	Pyrene	301-AC08	Phase 1A	7	0.074 - 4.3	0.74	96000	2200
SVOC	Pyrene	301-AC09	Phase 1A	6	0.00056 - 0.0018	0.035	96000	2200
SVOC	Pyrene	301-B01	Phase 1A	1	U (0.018)	0.0090	96000	2200
SVOC	Pyrene	301-C01	Phase 1A	3	0.013 - 8.7	2.9	96000	2200
SVOC	Pyrene	301-C02	Phase 1A	7	U (0.39) - 0.13	0.074	96000	2200
SVOC	Pyrene	301-D01	Phase 1A	13	U (1.2) - 3.8	0.47	96000	2200
SVOC	Pyrene	301-E02	Phase 1A	14	U (0.35) - 0.23	0.061	96000	2200
SVOC	Pyrene	301-E03	Phase 1A	4	U (0.021) - 0.33	0.12	96000	2200
SVOC	Pyrene	301-G01	Phase 1A	2	0.007 - 0.039	0.023	96000	2200
SVOC	Pyrene	301-G02	Phase 1A	3	U (0.11) - 1.3	0.50	96000	2200
SVOC	Pyrene	301-G03	Phase 1A	1	U (0.6)	0.30	96000	2200
SVOC	Pyrene	301-H02	Phase 1A	3	U (0.89) - 0.11	0.19	96000	2200
SVOC	Pyrene	301-H03	Phase 1A	2	U (0.29)	0.097	96000	2200
SVOC	Pyrene	301-L01	Phase 1C	7	0.132 - 7.1	1.2	96000	2200
SVOC	Pyrene	301-N02	Phase 1A	3	0.034 - 2.1	0.73	96000	2200
SVOC	Pyrene	301-P02	Phase 1A	2	0.152 - 3.75	2.0	96000	2200
SVOC	Pyrene	301-Q04	Phase 1A	6	U (0.4) - 2.25	0.53	96000	2200
SVOC	Pyrene	301-R02	Phase 1A	6	U (0.087) - 0.95	0.18	96000	2200
SVOC	Pyrene	301-S02	Phase 1A	4	U (0.088) - 0.031	0.023	96000	2200
SVOC	Pyrene	301-S03	Phase 1A	1	0.095 - 0.095	0.095	96000	2200
SVOC	Pyrene	301-T01	Phase 1B	5	0.615 - 13	3.9	96000	2200
SVOC	Pyrene	301-T02	Phase 1B	2	0.528 - 1.7	1.1	96000	2200
SVOC	Pyrene	301-T03	Phase 1C	2	1.1 - 1.1	0.57	96000	2200
SVOC	Pyrene	301-T04	Phase 1A	2	U (0.09) - 0.12	0.065	96000	2200
SVOC	Pyrene	301-U01	Phase 1B	2	U (0.19) - 3	1.5	96000	2200
SVOC	Pyrene	301-U03	Phase 1B	1	U (0.17)	0.085	96000	2200
SVOC	Pyrene	301-V01	Phase 1B	7	U (0.041) - 0.307	0.11	96000	2200
SVOC	Pyrene	301-V02	Phase 1B	19	0.0013 - 41	2.5	96000	2200
SVOC	Pyrene	301-V04	Phase 1A	29	U (0.6) - 0.19	0.057	96000	2200
SVOC	Pyrene	301-W01	Phase 1B	24	0.0023 - 0.28	0.053	96000	2200
SVOC	Pyrene	301-W03	Phase 1A	4	0.021 - 0.024	0.014	96000	2200
SVOC	Pyrene	301-X01	Phase 1B	11	0.0029 - 2.2	0.65	96000	2200
SVOC	Pyrene	301-X03	Phase 1A	3	0.13 - 0.13	0.049	96000	2200
SVOC	Pyrene	301-Y01	Phase 1B	10	U (0.36) - 0.569	0.13	96000	2200
SVOC	Pyrene	301-Y02	Phase 1B	4	U (0.17) - 1.7	0.55	96000	2200
SVOC	Pyrene	301-Y03	Phase 1A	2	0.0712 - 0.104	0.088	96000	2200
SVOC	Pyrene	301-Y04	Phase 1A	3	U (0.02) - 0.08	0.043	96000	2200
SVOC	Pyrene	301-Y05	Phase 1A	6	U (0.12) - 0.14	0.054	96000	2200
SVOC	Pyrene	301-Z01	Phase 1B	6	U (0.039) - 0.0349	0.021	96000	2200
SVOC	Pyrene	301-Z02	Phase 1B	2	U (0.18) - 0.56	0.29	96000	2200
SVOC	Pyrene	301-Z03	Phase 1B	5	0.018 - 0.935	0.30	96000	2200
SVOC	Pyrene	301-Z04	Phase 1A	14	0.026 - 1.2	0.26	96000	2200
SVOC	Pyrene	302-AD02	Phase 1C	2	U (0.19)	0.057	96000	2200
SVOC	Pyrene	302-AD06	Phase 1B	12	0.048 - 0.35	0.16	96000	2200
SVOC	Pyrene	302-AD07	Phase 1B	2	0.18 - 0.18	0.12	96000	2200
SVOC	Pyrene	302-AD08	Phase 1A	2	U (0.1)	0.050	96000	2200
SVOC	Pyrene	302-AD09	Phase 1A	3	U (0.1)	0.029	96000	2200
SVOC	Pyrene	302-AD10	Phase 1A	4	0.079 - 2.9	0.91	96000	2200
SVOC	Pyrene	302-AE03	Phase 1B	4	0.043 - 3	0.83	96000	2200
SVOC	Pyrene	302-AE04	Phase 1B	8	U (0.56) - 1.2	0.19	96000	2200
SVOC	Pyrene	302-AE05	Phase 1B	20	0.018 - 0.53	0.096	96000	2200
SVOC	Pyrene	302-AE07	Phase 1B	3	U (0.11) - 1.04	0.38	96000	2200
SVOC	Pyrene	302-AE08	Phase 1B	3	0.0014 - 0.0014	0.039	96000	2200
SVOC	Pyrene	302-AE09	Phase 1A	4	U (0.12)	0.046	96000	2200
SVOC	Pyrene	302-AF04	Phase 1B	22	U (0.11) - 0.39	0.069	96000	2200
SVOC	Pyrene	302-AF05	Phase 1B	2	0.0615 - 0.42	0.24	96000	2200
SVOC	Pyrene	302-AF06	Phase 1A	8	0.054 - 0.68	0.26	96000	2200
SVOC	Pyrene	302-AF09	Phase 1B	5	U (0.04) - 0.0898	0.035	96000	2200
SVOC	Pyrene	302-AG04	Phase 1B	9	U (0.11) - 0.34	0.099	96000	2200
SVOC	Pyrene	302-AG06	Phase 1B	5	U (0.041) - 0.0583	0.029	96000	2200
SVOC	Pyrene	302-AG07	Phase 1A	14	U (0.12) - 0.37	0.068	96000	2200
SVOC	Pyrene	302-AG08	Phase 1B	6	0.17 - 3	0.83	96000	2200
SVOC	Pyrene	302-AH01	Phase 1C	2	U (0.19) - 0.48	0.25	96000	2200
SVOC	Pyrene	302-AH05	Phase 1B	11	0.085 - 0.99	0.42	96000	2200
SVOC	Pyrene	302-AH06	Phase 1B	4	U (0.0415) - 0.173	0.058	96000	2200

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Pyrene	302-AH07	Phase 1B	21	U (0.37) - 1.5	0.17	96000	2200
SVOC	Pyrene	302-AH08	Phase 1B	13	U (0.041) - 1.1	0.28	96000	2200
SVOC	Pyrene	302-AI01	Phase 1C	2	U (0.04) - 0.404	0.21	96000	2200
SVOC	Pyrene	302-AI05	Phase 1B	11	U (0.12) - 0.71	0.14	96000	2200
SVOC	Pyrene	302-AI06	Phase 1B	19	U (0.13) - 7.4	0.66	96000	2200
SVOC	Pyrene	302-AI07	Phase 1B	10	U (0.375) - 0.53	0.19	96000	2200
SVOC	Pyrene	302-AI08	Phase 1B	2	U (0.38)	0.11	96000	2200
SVOC	Pyrene	302-AI09	Phase 1B	3	U (0.041) - 0.351	0.13	96000	2200
SVOC	Pyrene	302-AJ05	Phase 1B	2	U (0.12) - 0.061	0.061	96000	2200
SVOC	Pyrene	302-AJ06	Phase 1B	5	0.13 - 0.41	0.14	96000	2200
SVOC	Pyrene	302-AJ09	Phase 1A	13	0.26 - 37	5.6	96000	2200
SVOC	Pyrene	302-AK05	Phase 1B	5	0.046 - 2	0.51	96000	2200
SVOC	Pyrene	302-AK06	Phase 1A	3	U (0.42) - 3.6	1.6	96000	2200
SVOC	Pyrene	302-AK07	Phase 1B	13	U (0.2) - 7.2	1.1	96000	2200
SVOC	Pyrene	302-AL01	Phase 1C	2	0.306 - 0.306	0.16	96000	2200
SVOC	Pyrene	302-AL03	Phase 1B	2	0.12 - 0.629	0.37	96000	2200
SVOC	Pyrene	302-AL05	Phase 1B	13	U (0.42) - 4.4	1.3	96000	2200
SVOC	Pyrene	302-AL06	Phase 1A	13	U (0.37) - 7.3	1.6	96000	2200
SVOC	Pyrene	302-AL08	Phase 1B	2	U (0.041)	0.019	96000	2200
SVOC	Pyrene	302-AN01	Phase 1B	2	U (0.035) - 0.12	0.069	96000	2200
SVOC	Pyrene	302-AN02	Phase 1A	2	U (0.198)	0.058	96000	2200
SVOC	Pyrene	302-AO03	Phase 1A	2	U (0.0418)	0.020	96000	2200
SVOC	Pyrene	302-AP02	Phase 1B	2	0.0448 - 0.623	0.33	96000	2200
SVOC	Pyrene	302-AP03	Phase 1B	23	0.05 - 0.31	0.077	96000	2200
SVOC	Pyrene	302-AP04	Phase 1B	2	0.022 - 0.127	0.075	96000	2200
SVOC	Pyrene	302-AP05	Phase 1B	2	U (0.035)	0.017	96000	2200
SVOC	Pyrene	302-AQ01	Phase 1B	2	0.46 - 4.5	2.5	96000	2200
SVOC	Pyrene	302-AQ02	Phase 1A	7	U (1.1) - 0.5	0.12	96000	2200
SVOC	Pyrene	302-AQ04	Phase 1B	2	U (0.11)	0.055	96000	2200
SVOC	Pyrene	302-AR01	Phase 1B	2	0.36 - 13	6.7	96000	2200
SVOC	Pyrene	302-AR02	Phase 1A	4	U (0.12) - 0.11	0.070	96000	2200
SVOC	Pyrene	302-AR04	Phase 1B	3	U (0.12) - 0.0604	0.052	96000	2200
SVOC	Pyrene	302-AS03	Phase 1A	13	0.0575 - 0.201	0.065	96000	2200
SVOC	Pyrene	302-AS04	Phase 1B	2	U (0.0419)	0.021	96000	2200
SVOC	Pyrene	302-AT01	Phase 1B	2	U (0.3) - 0.808	0.48	96000	2200
SVOC	Pyrene	302-AT02	Phase 1B	2	0.185 - 7.26	3.7	96000	2200
SVOC	Pyrene	302-AT03	Phase 1B	4	U (0.039) - 0.0404	0.027	96000	2200
SVOC	Pyrene	302-AU01	Phase 1B	4	0.212 - 3.1	0.99	96000	2200
SVOC	Pyrene	302-AU02	Phase 1B	8	U (4)	0.30	96000	2200
SVOC	Pyrene	302-AU03	Phase 1B	2	U (0.12)	0.060	96000	2200
SVOC	Pyrene	302-AV01	Phase 1A	10	0.276 - 4.4	1.8	96000	2200
SVOC	Pyrene	302-AV02	Phase 1B	4	U (0.59) - 0.58	0.19	96000	2200
SVOC	Pyrene	302-AV03	Phase 1A	6	U (0.12) - 0.43	0.12	96000	2200
SVOC	Pyrene	302-AV04	Phase 1B	2	U (0.0415)	0.020	96000	2200
SVOC	Pyrene	302-AW01	Phase 1A	9	0.44 - 26	3.6	96000	2200
SVOC	Pyrene	302-AW02	Phase 1B	2	U (1.9) - 5.3	2.7	96000	2200
SVOC	Pyrene	302-AW03	Phase 1A	2	U (0.12)	0.060	96000	2200
SVOC	Pyrene	302-AX01	Phase 1A	13	0.0396 - 160	17	96000	2200
SVOC	Pyrene	302-AX02	Phase 1B	3	U (0.038)	0.018	96000	2200
SVOC	Pyrene	302-AX05	Phase 1A	2	U (0.0414)	0.020	96000	2200
SVOC	Pyrene	302-AY02	Phase 1B	14	0.0767 - 32	7.1	96000	2200
SVOC	Pyrene	302-AY03	Phase 1B	2	0.154 - 0.172	0.16	96000	2200
SVOC	Pyrene	302-AY05	Phase 1B	2	U (0.19)	0.058	96000	2200
SVOC	Pyrene	302-AZ02	Phase 1B	8	0.1 - 60	9.6	96000	2200
SVOC	Pyrene	302-AZ03	Phase 1B	1	1.1 - 1.1	1.1	96000	2200
SVOC	Pyrene	302-AZ05	Phase 1A	2	U (0.41)	0.13	96000	2200
SVOC	Pyrene	302-BA03	Phase 1B	3	U (0.074) - 0.18	0.12	96000	2200
SVOC	Pyrene	302-BA05	Phase 1A	2	0.0417 - 0.565	0.30	96000	2200
SVOC	Pyrene	302-BB07	Phase 1B	9	0.027 - 0.67	0.12	96000	2200
SVOC	Pyrene	302-BB08	Phase 1B	1	0.9 - 0.9	0.90	96000	2200
SVOC	Pyrene	302-BC05	Phase 1A	7	U (0.039) - 0.04	0.014	96000	2200
SVOC	Pyrene	302-BC06	Phase 1B	8	0.024 - 0.031	0.054	96000	2200
SVOC	Pyrene	302-BD05	Phase 1A	4	U (0.12)	0.060	96000	2200
SVOC	Pyrene	302-BE04	Phase 1A	5	U (0.19) - 0.07	0.057	96000	2200
SVOC	Pyrene	303-AY01	Phase 1A	4	0.23 - 2.8	1.0	96000	2200
SVOC	Pyrene	303-AZ01	Phase 1A	5	0.67 - 4.7	2.6	96000	2200
SVOC	Pyrene	303-BA01	Phase 1A	8	0.0421 - 3.5	0.87	96000	2200
SVOC	Pyrene	303-BA02	Phase 1A	11	0.15 - 11	2.7	96000	2200
SVOC	Pyrene	303-BB01	Phase 1A	2	1.9 - 3	2.5	96000	2200
SVOC	Pyrene	303-BB02	Phase 1A	5	0.035 - 137	36	96000	2200
SVOC	Pyrene	303-BC01	Phase 1A	4	0.0156 - 0.986	0.34	96000	2200
SVOC	Pyrene	303-BD04	Phase 1A	9	0.14 - 5.5	1.9	96000	2200
SVOC	Pyrene	303-BE03	Phase 1A	44	0.054 - 23	2.8	96000	2200
SVOC	Pyrene	303-BF05	Phase 1A	16	0.06 - 10	2.2	96000	2200
SVOC	Pyrene	303-BG04	Phase 1A	27	0.1 - 7	1.9	96000	2200
SVOC	Pyrene	303-BH02	Phase 1A	22	0.2 - 160	9.5	96000	2200
SVOC	Pyrene	303-BI03	Phase 1A	6	0.97 - 4.2	2.3	96000	2200
SVOC	Pyrene	303-BJ01	Phase 1A	3	11 - 20	15	96000	2200
SVOC	Pyrene	303-BJ02	Phase 1A	3	0.0708 - 1.33	0.61	96000	2200
SVOC	Pyrene	303-BK03	Phase 1A	7	0.39 - 4.8	1.7	96000	2200
SVOC	Pyrene	303-BL02	Phase 1A	10	0.041 - 3.2	0.87	96000	2200
SVOC	Pyrene	303-BM02	Phase 1A	2	0.033 - 16.6	8.3	96000	2200
SVOC	Pyrene	303-BN02	Phase 1A	15	0.0886 - 15.2	2.6	96000	2200

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Pyrene	303-BN03	Phase 1A	14	0.033 - 4.87	1.2	96000	2200
SVOC	Pyrene	303-BO02	Phase 1A	9	0.032 - 6.2	1.3	96000	2200
SVOC	Pyrene	303-BP02	Phase 1A	32	0.015 - 23.1	2.7	96000	2200
SVOC	Pyrene	303-BQ01	Phase 1A	4	1.05 - 1.6	0.99	96000	2200
SVOC	Pyrene	303-BQ02	Phase 1A	15	0.007 - 11	1.9	96000	2200
SVOC	Pyrene	303-BR02	Phase 1A	8	0.301 - 11	2.7	96000	2200
SVOC	Pyrene	303-BT01	Phase 1A	13	0.015 - 1.4	0.19	96000	2200
SVOC	Pyrene	303-BW01	Phase 1A	2	0.121 - 0.5	0.31	96000	2200
SVOC	Pyrene	ParcelB-01	Innovation Campus, Parcel B	2	U (4.7)	1.4	96000	2200
SVOC	Pyrene	ParcelB-02	Innovation Campus, Parcel B	6	U (8.11) - 10.9	3.4	96000	2200
SVOC	Pyrene	ParcelB-03	Innovation Campus, Parcel B	3	2.15 - 13	5.1	96000	2200
SVOC	Pyrene	ParcelB-04	Innovation Campus, Parcel B	3	7.56 - 7.56	2.9	96000	2200
SVOC	Pyrene	ParcelB-06	Innovation Campus, Parcel B	2	0.698 - 0.698	2.2	96000	2200
SVOC	Pyrene	ParcelB-07	Innovation Campus, Parcel B	6	U (9.4) - 0.372	2.4	96000	2200
SVOC	Pyrene	ParcelB-08	Innovation Campus, Parcel B	2	U (8.73)	2.7	96000	2200
SVOC	Pyrene	ParcelB-10	Innovation Campus, Parcel B	3	U (5.2) - 32	11	96000	2200
SVOC	Pyrene	ParcelB-12	Innovation Campus, Parcel B	2	U (5.1)	1.3	96000	2200
SVOC	Pyrene	ParcelB-13	Innovation Campus, Parcel B	2	2.1 - 8.5	5.3	96000	2200
SVOC	Pyrene	ParcelB-14	Innovation Campus, Parcel B	3	0.396 - 0.396	0.91	96000	2200
SVOC	Pyrene	ParcelB-15	Innovation Campus, Parcel B	2	4.26 - 4.26	2.1	96000	2200
SVOC	Pyrene	ParcelB-18	Innovation Campus, Parcel B	1	U (0.94)	0.47	96000	2200
SVOC	Pyrene	ParcelB-19	Innovation Campus, Parcel B	1	2.2 - 2.2	2.2	96000	2200
SVOC	Pyrene	ParcelB-20	Innovation Campus, Parcel B	3	15 - 15	6.0	96000	2200
SVOC	Pyrene	ParcelB-21	Innovation Campus, Parcel B	3	0.282 - 25	15	96000	2200
SVOC	Pyrene	101-D20-C	Innovation Campus	20	U (0.464) - 14	1.4	96000	2200
SVOC	Pyrene	101-G24-C	Innovation Campus	2	U (0.445) - 0.653	0.34	96000	2200
SVOC	Pyrene	101-G26-C	Innovation Campus	1	2.4 - 2.4	2.4	96000	2200
SVOC	Pyrene	101-H24-C	Innovation Campus	2	0.263 - 0.829	0.55	96000	2200
SVOC	Pyrene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	96000	2200
SVOC	Pyrene	101-I25-C	Innovation Campus	2	U (0.038) - 2.71	1.4	96000	2200
SVOC	Pyrene	101-J23-C	Innovation Campus	2	0.191 - 0.448	0.32	96000	2200
SVOC	Pyrene	101-L31-C	Innovation Campus	2	0.705 - 0.705	0.36	96000	2200
SVOC	Pyrene	101-U37-C	Innovation Campus	5	0.0725 - 0.58	0.98	96000	2200
SVOC	Pyrene	102-E08-C	Innovation Campus	3	7.56 - 7.56	2.9	96000	2200
SVOC	Pyrene	102-G23-C	Innovation Campus	2	0.246 - 0.246	5.2	96000	2200
SVOC	Pyrene	103-A10-C	Innovation Campus	6	U (8.73) - 32	6.8	96000	2200
SVOC	Pyrene	103-A10-S	Innovation Campus	2	U (8.73)	2.7	96000	2200
SVOC	Pyrene	103-A14-S	Innovation Campus	1	32 - 32	32	96000	2200
SVOC	Pyrene	103-A15-S	Innovation Campus	2	U (3.83)	1.0	96000	2200
SVOC	Pyrene	103-A17-S	Innovation Campus	1	1.2 - 1.2	1.2	96000	2200
SVOC	Pyrene	103-H01-C	Innovation Campus	2	2.1 - 8.5	5.3	96000	2200
SVOC	Pyrene	104-K10-C	Innovation Campus	2	0.396 - 0.396	0.21	96000	2200
SVOC	Pyrene	LS-A-A01	Innovation Campus	1	25 - 25	25	96000	2200
SVOC	Pyrene	LS-A-A02	Innovation Campus	2	0.0991 - 1.6	0.85	96000	2200
SVOC	Pyrene	LS-A-A03	Innovation Campus	1	3.18 - 3.18	3.2	96000	2200
SVOC	Pyrene	LS-A-A04	Innovation Campus	3	1.9 - 7.5	4.1	96000	2200
SVOC	Pyrene	LS-A-B02	Innovation Campus	14	0.054 - 5.77	1.1	96000	2200
SVOC	Pyrene	LS-A-B03	Innovation Campus	4	0.0767 - 0.426	0.16	96000	2200
SVOC	Pyrene	LS-A-C01	Innovation Campus	28	U (19) - 380	24	96000	2200
SVOC	Pyrene	LS-A-C02	Innovation Campus	12	0.0594 - 15	3.7	96000	2200
SVOC	Pyrene	LS-A-C04	Innovation Campus	3	0.138 - 0.44	0.20	96000	2200
SVOC	Pyrene	LS-A-D01	Innovation Campus	5	0.365 - 11.8	3.1	96000	2200
SVOC	Pyrene	LS-A-D02	Innovation Campus	1	U (1.9)	0.95	96000	2200
SVOC	Pyrene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	96000	2200
SVOC	Pyrene	LS-A-D04	Innovation Campus	2	U (1.84) - 2.23	1.1	96000	2200
SVOC	Pyrene	LS-A-D05	Innovation Campus	6	0.23 - 1.26	0.61	96000	2200
SVOC	Pyrene	LS-A-D06	Innovation Campus	2	U (0.364)	0.14	96000	2200
SVOC	Pyrene	LS-A-D07	Innovation Campus	2	0.56 - 0.56	1.2	96000	2200
SVOC	Pyrene	LS-A-E01	Innovation Campus	3	0.398 - 0.398	0.60	96000	2200
SVOC	Pyrene	LS-A-E03	Innovation Campus	1	1.1 - 1.1	1.1	96000	2200
SVOC	Pyrene	LS-A-E04	Innovation Campus	2	U (22.3)	5.6	96000	2200
SVOC	Pyrene	LS-A-E05	Innovation Campus	1	1.2 - 1.2	1.2	96000	2200
SVOC	Pyrene	LS-A-E07	Innovation Campus	1	0.56 - 0.56	0.56	96000	2200
SVOC	Pyrene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	96000	2200
SVOC	Pyrene	LS-A-F01	Innovation Campus	3	10.3 - 10.3	4.3	96000	2200
SVOC	Pyrene	LS-A-F02	Innovation Campus	3	15 - 15	6.0	96000	2200
SVOC	Pyrene	LS-A-F03	Innovation Campus	1	2.6 - 2.6	2.6	96000	2200
SVOC	Pyrene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.325	0.16	96000	2200
SVOC	Pyrene	LS-A-F05	Innovation Campus	1	50 - 50	50	96000	2200
SVOC	Pyrene	LS-A-G01	Innovation Campus	3	0.572 - 2.2	1.1	96000	2200
SVOC	Pyrene	LS-A-G02	Innovation Campus	2	0.484 - 0.624	0.55	96000	2200
SVOC	Pyrene	LS-A-G03	Innovation Campus	3	4.26 - 4.26	2.2	96000	2200
SVOC	Pyrene	LS-A-G07	Innovation Campus	3	0.282 - 25	15	96000	2200
SVOC	Pyrene	LS-A-G08	Innovation Campus	2	2.15 - 2.94	2.5	96000	2200
SVOC	Pyrene	LS-A-H03	Innovation Campus	2	0.134 - 0.439	0.29	96000	2200
SVOC	Pyrene	LS-A-H04	Innovation Campus	2	0.759 - 0.759	0.88	96000	2200
SVOC	Pyrene	LS-A-H06	Innovation Campus	1	1.4 - 1.4	1.4	96000	2200
SVOC	Pyrene	LS-A-H07	Innovation Campus	2	0.415 - 0.415	0.69	96000	2200
SVOC	Pyrene	LS-A-I01	Innovation Campus	6	0.698 - 0.698	2.6	96000	2200
SVOC	Pyrene	LS-A-I02	Innovation Campus	1	U (5)	2.5	96000	2200
SVOC	Pyrene	LS-A-I03	Innovation Campus	3	U (0.94) - 7.84	2.8	96000	2200
SVOC	Pyrene	LS-B-B01	Innovation Campus	1	0.02 - 0.02	0.020	96000	2200
SVOC	Pyrene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.39	0.14	96000	2200

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
SVOC	Pyrene	LS-B-E01	Innovation Campus	4	0.413 - 3.84	2.2	96000	2200
SVOC	Pyrene	LS-B-G02	Innovation Campus	1	7.04 - 7.04	7.0	96000	2200
SVOC	Pyrene	LS-B-H02	Innovation Campus	3	U (1)	0.21	96000	2200
SVOC	Pyrene	LS-E-B01	Innovation Campus	81	0.0052 - 190	17	96000	2200
SVOC	Pyrene	LS-E-G01	Innovation Campus	4	1.07 - 2.5	1.1	96000	2200
INORG	Lead	401-MA3-1-02	Major Amendment 3 Resampling	4	2.2 - 222	59	1000	450
INORG	Lead	401-MA3-1-08	Major Amendment 3 Resampling	2	9.6 - 455	232	1000	450
INORG	Lead	401-MA3-1-10	Major Amendment 3 Resampling	15	5.54 - 540	66	1000	450
INORG	Lead	401-MA3-1-11	Major Amendment 3 Resampling	13	5.89 - 13	9.0	1000	450
INORG	Lead	401-MA3-1-12	Major Amendment 3 Resampling	8	U (2.5) - 635	134	1000	450
INORG	Lead	401-MA3-1-13	Major Amendment 3 Resampling	3	58.7 - 807	389	1000	450
INORG	Lead	401-MA3-1-14	Major Amendment 3 Resampling	3	4.8 - 726	262	1000	450
INORG	Lead	401-MA3-1-15	Major Amendment 3 Resampling	7	8.82 - 372	78	1000	450
INORG	Lead	401-MA3-1-16	Major Amendment 3 Resampling	1	20 - 20	20	1000	450
INORG	Lead	401-MA3-1-17	Major Amendment 3 Resampling	9	5.27 - 1330	255	1000	450
INORG	Lead	401-MA3-1-18	Major Amendment 3 Resampling	1	96 - 96	96	1000	450
INORG	Lead	401-MA3-1-21	Major Amendment 3 Resampling	5	12 - 184	83	1000	450
INORG	Lead	401-MA3-1-23	Major Amendment 3 Resampling	5	1.3 - 13	6.2	1000	450
INORG	Lead	401-MA3-1-24	Major Amendment 3 Resampling	2	7.9 - 12.2	10	1000	450
INORG	Lead	401-MA3-1-25	Major Amendment 3 Resampling	3	10 - 12	11	1000	450
INORG	Lead	401-MA3-1-33	Major Amendment 3 Resampling	2	2.3 - 3.7	3.0	1000	450
INORG	Lead	401-MA3-1-34	Major Amendment 3 Resampling	1	8.3 - 8.3	8.3	1000	450
INORG	Lead	401-MA3-1-35	Major Amendment 3 Resampling	5	10.9 - 860	306	1000	450
INORG	Lead	401-MA3-1-48	Major Amendment 3 Resampling	2	3.7 - 12	7.9	1000	450
INORG	Lead	401-MA3-1-49	Major Amendment 3 Resampling	6	7 - 174	38	1000	450
INORG	Lead	401-MA3-1-54	Major Amendment 3 Resampling	3	4.2 - 110	41	1000	450
INORG	Lead	401-MA3-1-55	Major Amendment 3 Resampling	3	9.2 - 168	65	1000	450
INORG	Lead	401-MA3-1-56	Major Amendment 3 Resampling	2	6.7 - 45	26	1000	450
INORG	Lead	401-MA3-1-57	Major Amendment 3 Resampling	5	3.2 - 120	36	1000	450
INORG	Lead	401-MA3-1-58	Major Amendment 3 Resampling	1	92 - 92	92	1000	450
INORG	Lead	401-MA3-1-59	Major Amendment 3 Resampling	4	49 - 180	95	1000	450
INORG	Lead	401-MA3-1-60	Major Amendment 3 Resampling	24	4.1 - 2740	469	1000	450
INORG	Lead	401-MA3-1-61	Major Amendment 3 Resampling	3	1.8 - 4.7	2.3	1000	450
INORG	Lead	401-MA3-1-68	Major Amendment 3 Resampling	1	227 - 227	227	1000	450
INORG	Lead	401-MA3-1-70	Major Amendment 3 Resampling	3	U (1.5) - 17	9.0	1000	450
INORG	Lead	401-MA3-1-72	Major Amendment 3 Resampling	4	U (2.5) - 121	38	1000	450
INORG	Lead	402-MA3-1-03	Major Amendment 3 Resampling	48	13.9 - 5090	354	1000	450
INORG	Lead	403-MA3-1-01	Major Amendment 3 Resampling	1	7.58 - 7.58	7.6	1000	450
INORG	Lead	403-MA3-1-12	Major Amendment 3 Resampling	1	73.9 - 73.9	74	1000	450
INORG	Lead	403-MA3-1-16	Major Amendment 3 Resampling	5	17.7 - 5540	1288	1000	450
INORG	Lead	403-MA3-1-18	Major Amendment 3 Resampling	1	9.7 - 9.7	9.7	1000	450
INORG	Lead	404-MA3-1-01	Major Amendment 3 Resampling	19	14.6 - 2090	186	1000	450
INORG	Lead	404-MA3-1-02	Major Amendment 3 Resampling	7	77.5 - 1100	338	1000	450
INORG	Lead	404-MA3-1-03	Major Amendment 3 Resampling	1	316 - 316	316	1000	450
INORG	Lead	404-MA3-1-05	Major Amendment 3 Resampling	70	22.2 - 4440	702	1000	450
INORG	Lead	404-MA3-1-06	Major Amendment 3 Resampling	11	120 - 2460	700	1000	450
INORG	Lead	401-A01	Major Amendment 3	4	2.2 - 222	59	1000	450
INORG	Lead	401-E02	Major Amendment 3	30	5.54 - 540	53	1000	450
INORG	Lead	401-F01	Major Amendment 3	8	U (2.5) - 635	134	1000	450
INORG	Lead	401-G01	Major Amendment 3	3	58.7 - 807	389	1000	450
INORG	Lead	401-H01	Major Amendment 3	3	4.8 - 726	262	1000	450
INORG	Lead	401-H02	Major Amendment 3	17	5.27 - 1330	168	1000	450
INORG	Lead	401-I01	Major Amendment 3	1	96 - 96	96	1000	450
INORG	Lead	401-J01	Major Amendment 3	5	12 - 184	83	1000	450
INORG	Lead	401-K01	Major Amendment 3	5	1.3 - 13	6.2	1000	450
INORG	Lead	401-L01	Major Amendment 3	2	7.9 - 12.2	10	1000	450
INORG	Lead	401-L02	Major Amendment 3	6	9.3 - 17	9.8	1000	450
INORG	Lead	401-N01	Major Amendment 3	2	2.3 - 3.7	3.0	1000	450
INORG	Lead	401-O01	Major Amendment 3	1	8.3 - 8.3	8.3	1000	450
INORG	Lead	401-P01	Major Amendment 3	5	10.9 - 860	306	1000	450
INORG	Lead	401-Q01	Major Amendment 3	33	3.1 - 3540	452	1000	450
INORG	Lead	401-R01	Major Amendment 3	4	U (2.5) - 121	38	1000	450
INORG	Lead	402-A01	Major Amendment 3	41	7.86 - 600	191	1000	450
INORG	Lead	402-B01	Major Amendment 3	66	7.36 - 1370	363	1000	450
INORG	Lead	402-C01	Major Amendment 3	3	4.14 - 119	74	1000	450
INORG	Lead	403-A01	Major Amendment 3	2	2.73 - 11.2	7.0	1000	450
INORG	Lead	403-B01	Major Amendment 3	1	7.58 - 7.58	7.6	1000	450
INORG	Lead	403-C01	Major Amendment 3	5	3.99 - 18000	3612	1000	450
INORG	Lead	403-E01	Major Amendment 3	1	9.7 - 9.7	9.7	1000	450
INORG	Lead	403-F01	Major Amendment 3	8	6.8 - 10700	1612	1000	450
INORG	Lead	403-G01	Major Amendment 3	2	8.8 - 254	131	1000	450
INORG	Lead	404-A01	Major Amendment 3	26	15.7 - 1920	634	1000	450
INORG	Lead	404-B01	Major Amendment 3	34	36.8 - 3190	716	1000	450
INORG	Lead	404-B02	Major Amendment 3	11	120 - 2460	700	1000	450
INORG	Lead	404-C01	Major Amendment 3	3	204 - 446	336	1000	450
INORG	Lead	404-D01	Major Amendment 3	3	148 - 1380	643	1000	450
INORG	Lead	404-E01	Major Amendment 3	26	3.1 - 6700	717	1000	450
INORG	Lead	404-F01	Major Amendment 3	6	3.98 - 2360	578	1000	450
INORG	Lead	201-A01	Phase 1A	7	6.6 - 178	36	1000	450
INORG	Lead	201-A02	Phase 1A	14	5.78 - 2740	288	1000	450
INORG	Lead	201-A03	Phase 1A	7	6.74 - 1580	258	1000	450
INORG	Lead	201-A04	Phase 1A	24	6.55 - 1050	159	1000	450
INORG	Lead	201-A05	Phase 1A	12	2.25 - 2500	358	1000	450

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
INORG	Lead	201-A06	Phase 1A	10	5.65 - 153	31	1000	450
INORG	Lead	201-A07	Phase 1A	9	5.15 - 37.3	12	1000	450
INORG	Lead	201-A08	Phase 1A	9	4.39 - 2110	270	1000	450
INORG	Lead	201-A09	Phase 1A	7	7.46 - 98.7	31	1000	450
INORG	Lead	201-A10	Phase 1A	8	5.19 - 449	125	1000	450
INORG	Lead	201-A11	Phase 1A	9	6.85 - 2740	436	1000	450
INORG	Lead	201-A12	Phase 1A	18	8.6 - 780	134	1000	450
INORG	Lead	201-A13	Phase 1A	14	6.7 - 359	103	1000	450
INORG	Lead	201-A14	Phase 1A	15	2 - 419	95	1000	450
INORG	Lead	201-B01	Phase 1A	4	7.54 - 1500	422	1000	450
INORG	Lead	201-B02	Phase 1A	8	7.86 - 60.4	19	1000	450
INORG	Lead	201-B03	Phase 1A	1	10.8 - 10.8	11	1000	450
INORG	Lead	201-B04	Phase 1A	9	7.32 - 90.4	29	1000	450
INORG	Lead	201-B05	Phase 1A	3	19.4 - 406	151	1000	450
INORG	Lead	201-B07	Phase 1A	7	10 - 690	246	1000	450
INORG	Lead	201-B08	Phase 1A	10	8.8 - 218	64	1000	450
INORG	Lead	201-B09	Phase 1A	10	5.8 - 1850	274	1000	450
INORG	Lead	201-B10	Phase 1A	8	26 - 1100	366	1000	450
INORG	Lead	201-B11	Phase 1A	7	3.4 - 6720	1255	1000	450
INORG	Lead	201-B12	Phase 1A	3	10.3 - 25.2	15	1000	450
INORG	Lead	201-C01	Phase 1A	15	5.71 - 5150	461	1000	450
INORG	Lead	201-C02	Phase 1A	2	40.1 - 258	149	1000	450
INORG	Lead	201-C04	Phase 1A	10	3.4 - 40.6	17	1000	450
INORG	Lead	201-C05	Phase 1A	3	10.1 - 228	84	1000	450
INORG	Lead	201-C06	Phase 1A	15	3.28 - 1780	371	1000	450
INORG	Lead	201-C07	Phase 1A	12	123 - 3920	767	1000	450
INORG	Lead	201-C08	Phase 1A	14	2.92 - 402	48	1000	450
INORG	Lead	201-C09	Phase 1A	7	2.65 - 36.1	8.8	1000	450
INORG	Lead	201-C10	Phase 1A	4	8.46 - 2590	788	1000	450
INORG	Lead	201-C11	Phase 1A	2	1370 - 6280	3825	1000	450
INORG	Lead	201-D01	Phase 1A	4	4.2 - 122	43	1000	450
INORG	Lead	201-D05	Phase 1A	9	5.42 - 160000	18180	1000	450
INORG	Lead	201-D12	Phase 1A	4	U (15) - 125	39	1000	450
INORG	Lead	201-E01	Phase 1A	39	7.4 - 1040	86	1000	450
INORG	Lead	201-E02	Phase 1A	1	8.8 - 8.8	8.8	1000	450
INORG	Lead	201-E03	Phase 1A	3	4.4 - 212	115	1000	450
INORG	Lead	201-E04	Phase 1A	5	7.1 - 19.2	12	1000	450
INORG	Lead	201-E05	Phase 1A	22	2.2 - 1510	145	1000	450
INORG	Lead	201-F01	Phase 1A	53	2.07 - 1200	95	1000	450
INORG	Lead	201-F02	Phase 1A	20	6.3 - 3570	470	1000	450
INORG	Lead	201-F03	Phase 1A	32	3.2 - 13800	663	1000	450
INORG	Lead	201-F04	Phase 1A	20	3.9 - 262	25	1000	450
INORG	Lead	202-A03	Phase 1A	8	3.78 - 19.4	7.7	1000	450
INORG	Lead	202-A05	Phase 1A	4	10 - 73.6	27	1000	450
INORG	Lead	202-A06	Phase 1A	4	2.18 - 7.37	5.0	1000	450
INORG	Lead	202-A07	Phase 1A	3	4.25 - 11	7.3	1000	450
INORG	Lead	202-A08	Phase 1A	3	5.14 - 7.61	6.5	1000	450
INORG	Lead	202-A09	Phase 1A	6	5.82 - 13.9	7.8	1000	450
INORG	Lead	202-B01	Phase 1A	2	46.8 - 110	78	1000	450
INORG	Lead	202-B03	Phase 1A	15	1.22 - 89.2	9.1	1000	450
INORG	Lead	202-B04	Phase 1A	3	1.49 - 1.78	1.6	1000	450
INORG	Lead	202-B09	Phase 1A	9	4.03 - 12.6	7.0	1000	450
INORG	Lead	202-C04	Phase 1A	7	12.8 - 295	119	1000	450
INORG	Lead	202-C06	Phase 1A	1	5.85 - 5.85	5.9	1000	450
INORG	Lead	202-C07	Phase 1A	1	6.6 - 6.6	6.6	1000	450
INORG	Lead	202-C10	Phase 1A	1	24.9 - 24.9	25	1000	450
INORG	Lead	202-D05	Phase 1A	3	6.2 - 10	7.8	1000	450
INORG	Lead	202-D06	Phase 1A	3	6.9 - 2140	718	1000	450
INORG	Lead	202-E06	Phase 1A	2	2.38 - 24.5	13	1000	450
INORG	Lead	202-E08	Phase 1A	11	1.04 - 45.9	9.6	1000	450
INORG	Lead	202-E09	Phase 1A	13	1.68 - 60.2	14	1000	450
INORG	Lead	202-E10	Phase 1A	4	5.62 - 89	28	1000	450
INORG	Lead	202-E12	Phase 1A	2	1.39 - 2.41	1.9	1000	450
INORG	Lead	202-F04	Phase 1A	7	6.75 - 3200	502	1000	450
INORG	Lead	202-F05	Phase 1A	1	51.6 - 51.6	52	1000	450
INORG	Lead	202-F07	Phase 1A	14	7.2 - 8400	1288	1000	450
INORG	Lead	202-F08	Phase 1A	2	15.7 - 1140	578	1000	450
INORG	Lead	202-F10	Phase 1A	2	6.41 - 60.7	34	1000	450
INORG	Lead	202-F14	Phase 1A	2	12.8 - 399	206	1000	450
INORG	Lead	202-F16	Phase 1A	2	6.7 - 8.99	7.8	1000	450
INORG	Lead	202-F17	Phase 1A	8	2.04 - 3.04	2.4	1000	450
INORG	Lead	202-G01	Phase 1A	8	1.33 - 150	27	1000	450
INORG	Lead	202-G02	Phase 1A	13	1.49 - 17.4	5.6	1000	450
INORG	Lead	202-G03	Phase 1A	9	1.45 - 10.7	2.9	1000	450
INORG	Lead	202-G04	Phase 1A	1	8.6 - 8.6	8.6	1000	450
INORG	Lead	202-G05	Phase 1A	1	5.5 - 5.5	5.5	1000	450
INORG	Lead	202-G07	Phase 1A	16	1.76 - 81.9	8.2	1000	450
INORG	Lead	202-H01	Phase 1A	40	48.6 - 66400	14033	1000	450
INORG	Lead	202-H03	Phase 1A	15	5.6 - 7460	2204	1000	450
INORG	Lead	202-H05	Phase 1A	3	11.3 - 134	60	1000	450
INORG	Lead	202-H06	Phase 1A	2	10.2 - 494	252	1000	450
INORG	Lead	202-H07	Phase 1A	2	9.2 - 1620	815	1000	450
INORG	Lead	202-H08	Phase 1A	4	3.14 - 1080	273	1000	450

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
INORG	Lead	202-H11	Phase 1A	10	1.7 - 162	20	1000	450
INORG	Lead	202-I01	Phase 1A	2	1.81 - 4.51	3.2	1000	450
INORG	Lead	202-I04	Phase 1A	4	3.14 - 6.77	4.2	1000	450
INORG	Lead	202-J03	Phase 1A	6	3.38 - 156	41	1000	450
INORG	Lead	202-J04	Phase 1A	8	6.94 - 116	23	1000	450
INORG	Lead	202-J07	Phase 1A	5	6.3 - 102	29	1000	450
INORG	Lead	202-J09	Phase 1A	2	0.99 - 8.8	4.9	1000	450
INORG	Lead	301-AA01	Phase 1A	1	16.3 - 16.3	16	1000	450
INORG	Lead	301-AA02	Phase 1B	2	7.6 - 26.2	17	1000	450
INORG	Lead	301-AA05	Phase 1B	16	4.7 - 1100	186	1000	450
INORG	Lead	301-AA06	Phase 1A	11	2.47 - 15.4	5.5	1000	450
INORG	Lead	301-AA07	Phase 1A	4	4.77 - 180	50	1000	450
INORG	Lead	301-AA08	Phase 1A	3	7 - 83	33	1000	450
INORG	Lead	301-AA09	Phase 1A	3	2.3 - 94	34	1000	450
INORG	Lead	301-AB04	Phase 1A	3	4.9 - 12.5	8.6	1000	450
INORG	Lead	301-AB05	Phase 1B	6	5.14 - 216	67	1000	450
INORG	Lead	301-AB06	Phase 1A	2	2.91 - 2.93	2.9	1000	450
INORG	Lead	301-AB07	Phase 1A	1	166 - 166	166	1000	450
INORG	Lead	301-AB09	Phase 1A	5	9 - 9630	2015	1000	450
INORG	Lead	301-AC03	Phase 1B	2	9.9 - 64.7	37	1000	450
INORG	Lead	301-AC04	Phase 1A	25	6.3 - 2270	315	1000	450
INORG	Lead	301-AC07	Phase 1A	10	10.4 - 215	92	1000	450
INORG	Lead	301-AC08	Phase 1A	8	7.03 - 125	49	1000	450
INORG	Lead	301-AC09	Phase 1A	6	3 - 8.3	7.0	1000	450
INORG	Lead	301-B01	Phase 1A	1	9.8 - 9.8	9.8	1000	450
INORG	Lead	301-C01	Phase 1A	3	5.2 - 9.4	6.8	1000	450
INORG	Lead	301-C02	Phase 1A	9	1.2 - 330	66	1000	450
INORG	Lead	301-D01	Phase 1A	27	3.88 - 1580	173	1000	450
INORG	Lead	301-E02	Phase 1A	22	6.54 - 461	54	1000	450
INORG	Lead	301-E03	Phase 1A	4	3 - 12	6.7	1000	450
INORG	Lead	301-G01	Phase 1A	2	33.4 - 103	68	1000	450
INORG	Lead	301-G02	Phase 1A	3	38.8 - 1830	648	1000	450
INORG	Lead	301-G03	Phase 1A	1	17.8 - 17.8	18	1000	450
INORG	Lead	301-H01	Phase 1A	13	6.33 - 13	8.9	1000	450
INORG	Lead	301-H02	Phase 1A	9	8.1 - 3540	776	1000	450
INORG	Lead	301-H03	Phase 1A	2	10.3 - 22	16	1000	450
INORG	Lead	301-I01	Phase 1A	7	8.82 - 372	72	1000	450
INORG	Lead	301-I02	Phase 1A	1	84.4 - 84.4	84	1000	450
INORG	Lead	301-I03	Phase 1A	2	341 - 371	356	1000	450
INORG	Lead	301-J01	Phase 1A	4	6.32 - 177	68	1000	450
INORG	Lead	301-J02	Phase 1A	6	7.41 - 1520	348	1000	450
INORG	Lead	301-K01	Phase 1A	11	5.27 - 1330	210	1000	450
INORG	Lead	301-K02	Phase 1A	3	6.73 - 63.2	26	1000	450
INORG	Lead	301-L01	Phase 1C	7	3.2 - 86	21	1000	450
INORG	Lead	301-L02	Phase 1A	5	34.8 - 355	127	1000	450
INORG	Lead	301-L03	Phase 1A	5	6.14 - 463	209	1000	450
INORG	Lead	301-M02	Phase 1A	6	7.08 - 1070	196	1000	450
INORG	Lead	301-M03	Phase 1A	3	34.4 - 248	114	1000	450
INORG	Lead	301-M04	Phase 1A	1	1550 - 1550	1550	1000	450
INORG	Lead	301-N02	Phase 1A	3	6.5 - 579	199	1000	450
INORG	Lead	301-P02	Phase 1A	2	119 - 156	138	1000	450
INORG	Lead	301-Q04	Phase 1A	6	2.5 - 280	56	1000	450
INORG	Lead	301-R02	Phase 1A	6	4.1 - 17	7.6	1000	450
INORG	Lead	301-S02	Phase 1A	4	1.8 - 4.7	1.9	1000	450
INORG	Lead	301-T01	Phase 1B	5	3.1 - 384	145	1000	450
INORG	Lead	301-T02	Phase 1B	2	25.4 - 121	73	1000	450
INORG	Lead	301-T03	Phase 1C	2	U (1.3) - 6.5	3.6	1000	450
INORG	Lead	301-T04	Phase 1A	2	6.1 - 67	37	1000	450
INORG	Lead	301-U01	Phase 1B	2	7.9 - 145	76	1000	450
INORG	Lead	301-U03	Phase 1B	1	4.31 - 4.31	4.3	1000	450
INORG	Lead	301-V01	Phase 1B	7	2.6 - 99.5	25	1000	450
INORG	Lead	301-V02	Phase 1B	19	0.007 - 168	35	1000	450
INORG	Lead	301-V04	Phase 1A	29	2.5 - 884	47	1000	450
INORG	Lead	301-W01	Phase 1B	24	4 - 433	26	1000	450
INORG	Lead	301-W03	Phase 1A	4	1.3 - 14.7	6.4	1000	450
INORG	Lead	301-X01	Phase 1B	9	2.4 - 47.6	16	1000	450
INORG	Lead	301-X03	Phase 1A	3	1.7 - 72	29	1000	450
INORG	Lead	301-Y01	Phase 1B	5	4.6 - 55	21	1000	450
INORG	Lead	301-Y03	Phase 1A	2	12.3 - 75.7	44	1000	450
INORG	Lead	301-Y04	Phase 1A	3	3.6 - 45	19	1000	450
INORG	Lead	301-Y05	Phase 1A	6	9.5 - 47.6	17	1000	450
INORG	Lead	301-Z01	Phase 1B	6	3.2 - 33.1	10	1000	450
INORG	Lead	301-Z02	Phase 1B	2	10 - 48.4	29	1000	450
INORG	Lead	301-Z03	Phase 1B	6	3.5 - 393	110	1000	450
INORG	Lead	301-Z04	Phase 1A	14	6.99 - 57.1	21	1000	450
INORG	Lead	302-AD02	Phase 1C	2	8.1 - 18.9	14	1000	450
INORG	Lead	302-AD06	Phase 1B	12	7.1 - 532	140	1000	450
INORG	Lead	302-AD07	Phase 1B	2	3.27 - 53.1	28	1000	450
INORG	Lead	302-AD08	Phase 1A	2	3.07 - 3.32	3.2	1000	450
INORG	Lead	302-AD09	Phase 1A	3	4.3 - 14.2	9.8	1000	450
INORG	Lead	302-AD10	Phase 1A	4	19.8 - 230	146	1000	450
INORG	Lead	302-AE01	Phase 1C	1	9.96 - 9.96	10.0	1000	450
INORG	Lead	302-AE02	Phase 1C	2	240 - 547	394	1000	450

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
INORG	Lead	302-AE04	Phase 1B	8	5.16 - 278	54	1000	450
INORG	Lead	302-AE05	Phase 1B	20	2.51 - 103	12	1000	450
INORG	Lead	302-AE07	Phase 1B	3	2.6 - 258	89	1000	450
INORG	Lead	302-AE08	Phase 1B	3	4.2 - 6.1	5.1	1000	450
INORG	Lead	302-AE09	Phase 1A	4	5.3 - 9.65	6.6	1000	450
INORG	Lead	302-AF01	Phase 1C	1	11.3 - 11.3	11	1000	450
INORG	Lead	302-AF02	Phase 1C	4	7.81 - 9.99	9.0	1000	450
INORG	Lead	302-AF03	Phase 1B	2	11.5 - 50.1	31	1000	450
INORG	Lead	302-AF04	Phase 1B	12	7.72 - 176	65	1000	450
INORG	Lead	302-AF05	Phase 1B	11	4.2 - 3100	1222	1000	450
INORG	Lead	302-AF06	Phase 1A	9	4.3 - 93.9	29	1000	450
INORG	Lead	302-AF09	Phase 1B	5	4.4 - 22.2	11	1000	450
INORG	Lead	302-AG02	Phase 1C	2	15.1 - 31.1	23	1000	450
INORG	Lead	302-AG04	Phase 1B	3	9.8 - 165	99	1000	450
INORG	Lead	302-AG06	Phase 1B	5	10.8 - 18.5	14	1000	450
INORG	Lead	302-AG07	Phase 1A	7	3.02 - 14.2	5.9	1000	450
INORG	Lead	302-AH01	Phase 1C	2	17.8 - 266	142	1000	450
INORG	Lead	302-AH03	Phase 1C	2	4.57 - 10.3	7.4	1000	450
INORG	Lead	302-AH04	Phase 1B	8	7.08 - 344	136	1000	450
INORG	Lead	302-AH05	Phase 1B	2	6.6 - 51.1	29	1000	450
INORG	Lead	302-AH06	Phase 1B	4	4.1 - 46.9	16	1000	450
INORG	Lead	302-AH07	Phase 1B	12	2.5 - 92	16	1000	450
INORG	Lead	302-AI01	Phase 1C	2	6.6 - 139	73	1000	450
INORG	Lead	302-AI03	Phase 1C	1	7.89 - 7.89	7.9	1000	450
INORG	Lead	302-AI04	Phase 1C	2	5.2 - 7.76	6.5	1000	450
INORG	Lead	302-AI05	Phase 1B	3	7.88 - 41.8	19	1000	450
INORG	Lead	302-AI06	Phase 1B	9	4.2 - 222	70	1000	450
INORG	Lead	302-AI07	Phase 1B	8	3.9 - 255	97	1000	450
INORG	Lead	302-AI08	Phase 1B	2	13.3 - 60.8	37	1000	450
INORG	Lead	302-AI09	Phase 1B	3	1.5 - 206	73	1000	450
INORG	Lead	302-AJ04	Phase 1C	1	4.66 - 4.66	4.7	1000	450
INORG	Lead	302-AK05	Phase 1B	2	63.5 - 86.2	75	1000	450
INORG	Lead	302-AK07	Phase 1B	2	5.91 - 6.97	6.4	1000	450
INORG	Lead	302-AL01	Phase 1C	2	5.7 - 544	275	1000	450
INORG	Lead	302-AL03	Phase 1B	2	2.6 - 114	58	1000	450
INORG	Lead	302-AL08	Phase 1B	2	8.1 - 24.3	16	1000	450
INORG	Lead	302-AN01	Phase 1B	2	4.3 - 85.4	45	1000	450
INORG	Lead	302-AN02	Phase 1A	2	17.9 - 310	164	1000	450
INORG	Lead	302-AO03	Phase 1A	2	7.21 - 7.7	7.5	1000	450
INORG	Lead	302-AP02	Phase 1B	2	10.8 - 128	69	1000	450
INORG	Lead	302-AP03	Phase 1B	23	2.9 - 268	50	1000	450
INORG	Lead	302-AP04	Phase 1B	2	13.3 - 500	257	1000	450
INORG	Lead	302-AP05	Phase 1B	2	5.2 - 49.5	27	1000	450
INORG	Lead	302-AQ01	Phase 1B	2	254 - 538	396	1000	450
INORG	Lead	302-AQ02	Phase 1A	9	3.88 - 6.75	5.3	1000	450
INORG	Lead	302-AQ04	Phase 1B	2	7.3 - 60.8	34	1000	450
INORG	Lead	302-AR01	Phase 1B	2	27.3 - 814	421	1000	450
INORG	Lead	302-AR02	Phase 1A	4	3.59 - 68.6	25	1000	450
INORG	Lead	302-AR04	Phase 1B	3	6.2 - 43.8	21	1000	450
INORG	Lead	302-AS03	Phase 1A	13	2.77 - 93.7	14	1000	450
INORG	Lead	302-AS04	Phase 1B	2	13.6 - 370	192	1000	450
INORG	Lead	302-AT01	Phase 1B	2	230 - 440	335	1000	450
INORG	Lead	302-AT02	Phase 1B	2	162 - 674	418	1000	450
INORG	Lead	302-AT03	Phase 1B	4	2.6 - 103	54	1000	450
INORG	Lead	302-AU01	Phase 1B	3	U (2.4) - 237	122	1000	450
INORG	Lead	302-AU02	Phase 1B	8	4.1 - 536	73	1000	450
INORG	Lead	302-AU03	Phase 1B	2	4.27 - 4.91	4.6	1000	450
INORG	Lead	302-AV01	Phase 1A	12	U (3.21) - 623	206	1000	450
INORG	Lead	302-AV02	Phase 1B	4	6.94 - 74.3	26	1000	450
INORG	Lead	302-AV03	Phase 1A	6	4.75 - 11.9	8.4	1000	450
INORG	Lead	302-AV04	Phase 1B	2	2.22 - 9.54	5.9	1000	450
INORG	Lead	302-AW01	Phase 1A	12	16 - 464	262	1000	450
INORG	Lead	302-AW02	Phase 1B	2	4.52 - 151	78	1000	450
INORG	Lead	302-AW03	Phase 1A	2	4.65 - 5.42	5.0	1000	450
INORG	Lead	302-AX01	Phase 1A	15	63.6 - 472	229	1000	450
INORG	Lead	302-AX02	Phase 1B	3	5.7 - 14.4	9.6	1000	450
INORG	Lead	302-AX05	Phase 1A	2	7.56 - 7.89	7.7	1000	450
INORG	Lead	302-AY02	Phase 1B	20	58 - 479	234	1000	450
INORG	Lead	302-AY03	Phase 1B	2	93.2 - 409	251	1000	450
INORG	Lead	302-AY05	Phase 1B	2	2.73 - 11.2	7.0	1000	450
INORG	Lead	302-AZ02	Phase 1B	11	110 - 1110	412	1000	450
INORG	Lead	302-AZ03	Phase 1B	1	320 - 320	320	1000	450
INORG	Lead	302-AZ05	Phase 1A	1	7.58 - 7.58	7.6	1000	450
INORG	Lead	302-BA03	Phase 1B	3	30.3 - 179	85	1000	450
INORG	Lead	302-BA05	Phase 1A	2	11.4 - 12.4	12	1000	450
INORG	Lead	302-BB07	Phase 1B	9	5.16 - 168	44	1000	450
INORG	Lead	302-BB08	Phase 1B	1	192 - 192	192	1000	450
INORG	Lead	302-BC05	Phase 1A	7	5.88 - 156	31	1000	450
INORG	Lead	302-BC06	Phase 1B	8	5.88 - 48.8	20	1000	450
INORG	Lead	302-BD05	Phase 1A	4	6.72 - 18.3	10	1000	450
INORG	Lead	302-BE04	Phase 1A	5	6.24 - 143	53	1000	450
INORG	Lead	303-AY01	Phase 1A	4	24.4 - 445	229	1000	450
INORG	Lead	303-AZ01	Phase 1A	5	268 - 533	373	1000	450

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
INORG	Lead	303-BA01	Phase 1A	8	101 - 438	228	1000	450
INORG	Lead	303-BA02	Phase 1A	9	19.8 - 955	395	1000	450
INORG	Lead	303-BB01	Phase 1A	2	98.6 - 119	109	1000	450
INORG	Lead	303-BB02	Phase 1A	5	4.4 - 702	320	1000	450
INORG	Lead	303-BC01	Phase 1A	4	3.3 - 224	76	1000	450
INORG	Lead	303-BD04	Phase 1A	11	8.1 - 1340	302	1000	450
INORG	Lead	303-BE03	Phase 1A	32	4.98 - 589	229	1000	450
INORG	Lead	303-BF05	Phase 1A	20	7.52 - 1110	283	1000	450
INORG	Lead	303-BG04	Phase 1A	28	22.8 - 896	238	1000	450
INORG	Lead	303-BH02	Phase 1A	25	7.08 - 397	218	1000	450
INORG	Lead	303-BI03	Phase 1A	6	157 - 315	273	1000	450
INORG	Lead	303-BJ01	Phase 1A	3	12.9 - 517	187	1000	450
INORG	Lead	303-BJ02	Phase 1A	3	106 - 853	423	1000	450
INORG	Lead	303-BK03	Phase 1A	7	20.4 - 981	371	1000	450
INORG	Lead	303-BL02	Phase 1A	10	20.2 - 1360	229	1000	450
INORG	Lead	303-BM02	Phase 1A	2	7.22 - 329	168	1000	450
INORG	Lead	303-BN02	Phase 1A	15	15.1 - 1460	273	1000	450
INORG	Lead	303-BN03	Phase 1A	15	17.2 - 1020	251	1000	450
INORG	Lead	303-BO02	Phase 1A	9	18.9 - 165	80	1000	450
INORG	Lead	303-BP02	Phase 1A	32	5.5 - 429	100	1000	450
INORG	Lead	303-BQ01	Phase 1A	4	66.3 - 288	176	1000	450
INORG	Lead	303-BQ02	Phase 1A	15	3.73 - 417	92	1000	450
INORG	Lead	303-BR02	Phase 1A	8	168 - 1070	494	1000	450
INORG	Lead	303-BS03	Phase 1A	1	211 - 211	211	1000	450
INORG	Lead	303-BT01	Phase 1A	13	10.8 - 688	135	1000	450
INORG	Lead	303-BW01	Phase 1A	5	18.5 - 1490	392	1000	450
INORG	Lead	ParcelB-01	Innovation Campus, Parcel B	2	291 - 294	293	1000	450
INORG	Lead	ParcelB-02	Innovation Campus, Parcel B	6	11.1 - 189	86	1000	450
INORG	Lead	ParcelB-03	Innovation Campus, Parcel B	3	44.5 - 139	77	1000	450
INORG	Lead	ParcelB-04	Innovation Campus, Parcel B	3	7.97 - 129	50	1000	450
INORG	Lead	ParcelB-06	Innovation Campus, Parcel B	2	19.8 - 478	249	1000	450
INORG	Lead	ParcelB-07	Innovation Campus, Parcel B	6	26.8 - 155	81	1000	450
INORG	Lead	ParcelB-08	Innovation Campus, Parcel B	2	86.6 - 155	121	1000	450
INORG	Lead	ParcelB-10	Innovation Campus, Parcel B	3	25.9 - 1250	443	1000	450
INORG	Lead	ParcelB-12	Innovation Campus, Parcel B	2	320 - 637	479	1000	450
INORG	Lead	ParcelB-13	Innovation Campus, Parcel B	2	262 - 428	345	1000	450
INORG	Lead	ParcelB-14	Innovation Campus, Parcel B	3	58 - 319	183	1000	450
INORG	Lead	ParcelB-15	Innovation Campus, Parcel B	2	21 - 230	126	1000	450
INORG	Lead	ParcelB-18	Innovation Campus, Parcel B	1	670 - 670	670	1000	450
INORG	Lead	ParcelB-19	Innovation Campus, Parcel B	1	912 - 912	912	1000	450
INORG	Lead	ParcelB-20	Innovation Campus, Parcel B	3	102 - 1380	674	1000	450
INORG	Lead	ParcelB-21	Innovation Campus, Parcel B	3	9.56 - 254	128	1000	450
INORG	Lead	101-D20-C	Innovation Campus	22	12.1 - 2650	184	1000	450
INORG	Lead	101-G24-C	Innovation Campus	2	6.61 - 375	191	1000	450
INORG	Lead	101-G26-C	Innovation Campus	1	94.5 - 94.5	95	1000	450
INORG	Lead	101-H24-C	Innovation Campus	2	182 - 4020	2101	1000	450
INORG	Lead	101-I23-C	Innovation Campus	1	96.4 - 96.4	96	1000	450
INORG	Lead	101-I25-C	Innovation Campus	2	5.9 - 147	76	1000	450
INORG	Lead	101-J23-C	Innovation Campus	2	5 - 116	61	1000	450
INORG	Lead	101-L31-C	Innovation Campus	2	121 - 371	246	1000	450
INORG	Lead	101-U37-C	Innovation Campus	5	5.89 - 265	80	1000	450
INORG	Lead	102-E08-C	Innovation Campus	3	7.97 - 129	50	1000	450
INORG	Lead	102-G23-C	Innovation Campus	2	13.7 - 2990	1502	1000	450
INORG	Lead	103-A10-C	Innovation Campus	6	25.9 - 1250	318	1000	450
INORG	Lead	103-A10-S	Innovation Campus	2	86.6 - 155	121	1000	450
INORG	Lead	103-A14-S	Innovation Campus	1	1250 - 1250	1250	1000	450
INORG	Lead	103-A15-S	Innovation Campus	2	25.9 - 52.7	39	1000	450
INORG	Lead	103-A17-S	Innovation Campus	1	340 - 340	340	1000	450
INORG	Lead	103-H01-C	Innovation Campus	2	262 - 428	345	1000	450
INORG	Lead	104-K10-C	Innovation Campus	2	58 - 319	189	1000	450
INORG	Lead	LS-A-A01	Innovation Campus	2	400 - 1300	850	1000	450
INORG	Lead	LS-A-A02	Innovation Campus	2	128 - 733	431	1000	450
INORG	Lead	LS-A-A03	Innovation Campus	1	84000 - 84000	84000	1000	450
INORG	Lead	LS-A-A04	Innovation Campus	3	135 - 214	174	1000	450
INORG	Lead	LS-A-A05	Innovation Campus	1	38.8 - 38.8	39	1000	450
INORG	Lead	LS-A-B02	Innovation Campus	14	5 - 191	43	1000	450
INORG	Lead	LS-A-B03	Innovation Campus	4	4.2 - 108	51	1000	450
INORG	Lead	LS-A-C01	Innovation Campus	29	5.06 - 202	48	1000	450
INORG	Lead	LS-A-C02	Innovation Campus	18	4.36 - 2220	344	1000	450
INORG	Lead	LS-A-C04	Innovation Campus	3	3.87 - 78.1	31	1000	450
INORG	Lead	LS-A-D01	Innovation Campus	5	19.7 - 625	210	1000	450
INORG	Lead	LS-A-D02	Innovation Campus	1	147 - 147	147	1000	450
INORG	Lead	LS-A-D03	Innovation Campus	3	10.3 - 174	65	1000	450
INORG	Lead	LS-A-D04	Innovation Campus	2	33.4 - 380	207	1000	450
INORG	Lead	LS-A-D05	Innovation Campus	6	10.4 - 405	135	1000	450
INORG	Lead	LS-A-D06	Innovation Campus	2	4.1 - 349	177	1000	450
INORG	Lead	LS-A-D07	Innovation Campus	2	45.7 - 124	85	1000	450
INORG	Lead	LS-A-E01	Innovation Campus	3	12.3 - 294	165	1000	450
INORG	Lead	LS-A-E03	Innovation Campus	1	219 - 219	219	1000	450
INORG	Lead	LS-A-E04	Innovation Campus	2	14.6 - 1420	717	1000	450
INORG	Lead	LS-A-E05	Innovation Campus	1	200 - 200	200	1000	450
INORG	Lead	LS-A-E07	Innovation Campus	1	101 - 101	101	1000	450
INORG	Lead	LS-A-E08	Innovation Campus	1	181 - 181	181	1000	450

Table 3.4
Other Program's Analytical Results Summary
Soil Management Plan Addendum No. 8
Bellwether District Holdings, LLC, Philadelphia, PA

Chem Group	Chemical	Cell	Area	Number of Samples	Range (mg/kg)	Average (mg/kg)	Non-Res Direct Contact Soil MSC (mg/kg)	Non-Res Used Aquifer (TDS ≤ 2500) Soil-to-GW (mg/kg)
INORG	Lead	LS-A-F01	Innovation Campus	3	6.63 - 131	70	1000	450
INORG	Lead	LS-A-F02	Innovation Campus	3	102 - 1380	674	1000	450
INORG	Lead	LS-A-F03	Innovation Campus	1	314 - 314	314	1000	450
INORG	Lead	LS-A-F04	Innovation Campus	12	8.52 - 143	43	1000	450
INORG	Lead	LS-A-F05	Innovation Campus	1	74.6 - 74.6	75	1000	450
INORG	Lead	LS-A-G01	Innovation Campus	3	79.2 - 912	363	1000	450
INORG	Lead	LS-A-G02	Innovation Campus	2	6.75 - 170	88	1000	450
INORG	Lead	LS-A-G03	Innovation Campus	3	21 - 230	141	1000	450
INORG	Lead	LS-A-G07	Innovation Campus	3	9.56 - 254	128	1000	450
INORG	Lead	LS-A-G08	Innovation Campus	2	65.2 - 148	107	1000	450
INORG	Lead	LS-A-H03	Innovation Campus	2	21.5 - 68	45	1000	450
INORG	Lead	LS-A-H04	Innovation Campus	2	11.5 - 30.7	21	1000	450
INORG	Lead	LS-A-H06	Innovation Campus	1	191 - 191	191	1000	450
INORG	Lead	LS-A-H07	Innovation Campus	2	20.7 - 56.5	39	1000	450
INORG	Lead	LS-A-I01	Innovation Campus	7	19.8 - 478	151	1000	450
INORG	Lead	LS-A-I02	Innovation Campus	1	374 - 374	374	1000	450
INORG	Lead	LS-A-I03	Innovation Campus	3	10.3 - 670	341	1000	450
INORG	Lead	LS-B-B01	Innovation Campus	1	26.9 - 26.9	27	1000	450
INORG	Lead	LS-B-C01	Innovation Campus	3	11.4 - 25.6	21	1000	450
INORG	Lead	LS-B-E01	Innovation Campus	4	13.7 - 1250	555	1000	450
INORG	Lead	LS-B-G02	Innovation Campus	1	547 - 547	547	1000	450
INORG	Lead	LS-B-H02	Innovation Campus	3	11.7 - 118	64	1000	450
INORG	Lead	LS-E-B01	Innovation Campus	109	9.14 - 95000	2167	1000	450
INORG	Lead	LS-E-G01	Innovation Campus	4	31.3 - 370	172	1000	450

Notes:
U -- Not Detected.
Detection limits are in parentheses.
All samples at a location are included, regardless of depth.
Calculation of the average used half the analytical limit if the chemical was non-detect, except for 1,2-dibromoethane and 1,2-dichloroethane which were detected at a frequency of <1%.
Indicates average concentration exceeds the Non-Res Soil-to-GW Numeric Value.
Indicates average concentration exceeds the Non-Res Soil DC and Soil-to-GW Numeric Values.

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Area ID	Soil Reuse Category	Description	Volume (yd ³)
Innovation Campus			
LS-A5-17	A	--	4,419
LS-A5-18			692
LS-A5-19			966
LS-A5-20			95,435
LS-A5-21			8,398
LS-A5-22			9,766
LS-A5-23			110,090
LS-A5-24			9
LS-A5-25a			80,349
LS-A5-25b			47,556
LS-A5-25c			88
LS-A5-25d			2,069
LS-A5-26			5,479
LS-A8-01			1,420
Category A Total (yd³):			366,736
16-C05	B	To be reused (1) in areas beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table, or (2) in areas not beneath a surface cap that are more than 500 ft. from a shoreline as long as a risk assessment demonstrates attainment of the Site-specific standard.	2,177
16-C08			4,895
17-C01			4,105
17-C03			3,241
18A-C01			196
18B-C03			4,747
18B-C04			159
18C-C01			2,610
18C-C02			23
18C-C03			2,050
LS-A5-03			657
LS-A5-04			2,120
LS-A5-05			2,512
LS-A5-06			20,334
LS-A5-08			14,982
LS-A5-09			140,634
LS-A5-12			3,782
LS-A5-13	10,311		
LS-A5-14	4,533		
LS-A5-15	19,061		
Category B Total (yd³):			243,132
16-C06a	E	To be reused beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table.	1,535
16-C07			487
17-C02			2,748
17-C07			679
18A-C02			7
LS-A5-01			13,049
LS-A5-02			57,676
LS-A5-07			8,188
LS-A5-10			7,855
LS-A5-11			2,561
LS-A5-16			11,421
Category E Total (yd³):			106,205
--	Not Sampled	Not sampled due to railroad spurs.	4,312
Innovation Campus Total (yd³):			720,385
Industrial Development Phase 1			
IP1-A5-01	A	--	3,007
IP1-A5-02			2,697
IP1-A5-03			1,613
IP1-A5-04			2,786
IP1-A5-05			3,177
IP1-A5-06			14,188
IP1-A5-07			3,561
IP1-A5-08			1,381,518
IP1-A5-09			10,650
IP1-A5-10			31,604
IP1-A5-11			5,958
IP1-A5-12			2,046
IP1-A5-13			12,061
IP1-A5-14			13,160
IP1-A5-15			8,009
IP1-A5-16			5,478
IP1-A5-17			4,586
IP1-A5-18			5,046
IP1-A5-19			56
IP1-A5-20			31,514
IP1-A5-21			11,818
IP1-A5-22			17,735
IP1-A5-23			5,758
IP1-A5-24			14,779
IP1-A5-25			5,930
IP1LI-05-A1	9,443		
Category A Total (yd³):			1,608,179

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Area ID	Soil Reuse Category	Description	Volume (yd ³)
IP1A-02	B	To be reused (1) in areas beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table, or (2) in areas not beneath a surface cap that are more than 500 ft. from a shoreline as long as a risk assessment demonstrates attainment of the Site-specific standard.	252,064
IP1A-06			12,490
IP1A-08			2,951
IP1A-09			--
IP1A-10			--
IP1A-12			5,424
IP1A-13			825
IP1A-16			11,302
IP1A-17			7,276
IP1A-18			6,155
IP1A-19			12,899
IP1A-23			9,769
IP1A-24			17,804
IP1A-26			7,858
IP1A-27			3,490
IP1A-29			9,684
IP1A-30			14,436
IP1A-31			5,490
IP1A-32			20,863
IP1A-33			13,137
IP1A-34			11,534
IP1A-35			3,566
IP1A-37			3,947
IP1B-01			6,650
IP1B-02			12,230
IP1B-03			9,529
IP1B-04			16,428
IP1B-05			3,022
IP1B-10			8,137
IP1B-11			11,865
IP1B-12			8,506
IP1B-13			20,282
IP1B-14			12,062
IP1B-15			6,330
IP1B-17			45,100
IP1B-20			9,365
IP1B-21			11,245
IP1B-22	14,015		
IP1B-23	18,700		
IP1C-02	9,584		
IP1C-04	30,889		
IP1C-05	7,622		
IP1LI-03	6,021		
IP1LI-04	2,926		
IP1LI-05	7,980		
IP1LI-06	5,065		
IP1-A5-08-B1	4,194		
Category B Total (yd³):			720,707
IP1A-01	E	To be reused beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table.	2,937
IP1A-03			2,582
IP1A-04			14,086
IP1A-05			3,030
IP1A-11			1,172
IP1A-14			5,988
IP1A-15			2,712
IP1A-20			5,614
IP1A-21			6,369
IP1A-22			8,541
IP1A-28			10,012
IP1A-36			10,181
IP1B-06			1,754
IP1B-07			5,971
IP1B-08			8,614
IP1B-09			7,472
IP1B-16			6,274
IP1B-18			5,900
IP1B-19			7,231
IP1C-01			6,518
IP1C-03			8,058
IP1LI-01			3,846
IP1LI-02			8,747
Category E Total (yd³):			143,609
--	Not Sampled	Not sampled due to underground utilities.	34,540
Industrial Development Phase 1 Total (yd³):			2,507,036

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 8
 Bellwether District Holdings, LLC, Philadelphia, PA

Area ID	Soil Reuse Category	Description	Volume (yd ³)
Major Amendment 3			
MA3-01a	A	--	1,286
MA3-01b			12,821
MA3-04			8,352
MA3-07b			3,165
MA3-07c			4,592
MA3-07d			9,840
MA3-07e			893
MA3-07f			376
MA3-08b			984
MA3-08c			73
MA3-12			8,012
MA3-14b			416
MA3-18			2,003
MA3-19a			15,595
MA3-19b			1
MA3-19d			1,769
MA3-19e			2,114
MA3-19g			7,978
MA3-22			2,000
MA3-24			1,980
MA3-27	904		
MA3-29	3,910		
MA3-30	718		
Category A Total (yd³):			89,781
MA3-01c	B	To be reused (1) in areas beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table, or (2) in areas not beneath a surface cap that are more than 500 ft. from a shoreline as long as a risk assessment demonstrates attainment of the Site-specific standard.	288
MA3-01d			4,196
MA3-03			18,584
MA3-07a			212,116
MA3-08a			16,670
MA3-14a			12,242
MA3-15			149
MA3-17			1,980
MA3-19c			5,202
MA3-19f			4,179
MA3-23			3,619
MA3-25			5,124
MA3-26			3,805
MA3-28	1,957		
Category B Total (yd³):			290,112
MA3-02	E	To be reused beneath an impervious surface cap that will serve as an engineering control at elevations above the groundwater table.	46,085
MA3-13			7,255
MA3-16			4,936
MA3-20			25,552
Category E Total (yd³):			83,828
Major Amendment 3 Total (yd³):			463,720

Note:
 Area IDs are presented on Figure 4.1.

Appendix A

Laboratory Reports



JOB: L2500151 REPORT STYLE: Data Usability Report
0010: Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK



ANALYTICAL REPORT

Lab Number:	L2500151
Client:	Terraphase Engineering Inc. 1100 Canal Pointe Boulevard Suite 100 Princeton, NJ 08540
ATTN:	Nick Scala
Phone:	(609) 236-8171
Project Name:	BDH
Project Number:	P044.003.001
Report Date:	01/13/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2500151-01	PARCELB-01-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 09:05	01/02/25
L2500151-02	PARCELB-01-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 09:10	01/02/25
L2500151-03	PARCELB-02-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 09:50	01/02/25
L2500151-04	PARCELB-02-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 09:55	01/02/25
L2500151-05	PARCELB-03-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 10:35	01/02/25
L2500151-06	PARCELB-03-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 10:40	01/02/25
L2500151-07	PARCELB-05-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 12:35	01/02/25
L2500151-08	PARCELB-05-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 12:40	01/02/25
L2500151-09	PARCELB-06-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:20	01/02/25
L2500151-10	PARCELB-06-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:25	01/02/25
L2500151-11	PARCELB-06-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:30	01/02/25
L2500151-12	PARCELB-06-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:35	01/02/25
L2500151-13	PARCELB-07-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:50	01/02/25
L2500151-14	PARCELB-07-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/02/25 13:55	01/02/25
L2500151-15	PARCELB-04-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 08:55	01/03/25
L2500151-16	PARCELB-04-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 09:00	01/03/25
L2500151-17	PARCELB-13-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 10:10	01/03/25
L2500151-18	PARCELB-13-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 10:15	01/03/25
L2500151-19	PARCELB-12-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 11:05	01/03/25
L2500151-20	PARCELB-12-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 11:10	01/03/25
L2500151-21	PARCELB-11-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 12:20	01/03/25
L2500151-22	PARCELB-11-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 12:25	01/03/25
L2500151-23	PARCELB-08-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 14:00	01/03/25
L2500151-24	PARCELB-08-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 14:05	01/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2500151-25	PARCELB-09-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/03/25 14:20	01/03/25
L2500151-26	PARCELB-09-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/03/25 14:25	01/03/25



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Case Narrative (continued)

Report Submission

January 13, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2500151-11: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (46%) and the surrogate recoveries for toluene-d8 (143%) and 4-bromofluorobenzene (641%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2500151-11: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (171%) due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2500151-13: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (140%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2500151-23 and -25: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2500151-23: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (136%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2500151-25: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (228%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Case Narrative (continued)

PAHs

L2500151-06D, -08D, -10D, -12D, -14D, -24D, and -26D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2500151-02, -04, -06, -08, -10, -12, -14, -16, -18, -20, -22, -24, and -26: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2017772-3 MS recovery, performed on L2500151-02, is outside the acceptance criteria for lead (133%). A post digestion spike was performed and was within acceptance criteria.

The WG2017772-4 Laboratory Duplicate RPD for lead (32%), performed on L2500151-02, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 01/13/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-01
 Client ID: PARCELB-01-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:05
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/08/25 20:13
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00019	1
Benzene	0.0056		mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00093	0.00024	1
Toluene	0.0081		mg/kg	0.00093	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	0.022		mg/kg	0.00093	0.00013	1
p/m-Xylene	0.0091		mg/kg	0.0018	0.00052	1
o-Xylene	0.012		mg/kg	0.00093	0.00027	1
Xylenes, Total	0.021		mg/kg	0.00093	0.00027	1
Isopropylbenzene	0.0089		mg/kg	0.00093	0.00010	1
1,3,5-Trimethylbenzene	0.00083	J	mg/kg	0.0018	0.00018	1
1,2,4-Trimethylbenzene	0.0080		mg/kg	0.0018	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-03
 Client ID: PARCELB-02-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:50
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 14:04
 Analyst: AJK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0026	0.00026	1
Benzene	ND		mg/kg	0.00065	0.00022	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00033	1
Toluene	ND		mg/kg	0.0013	0.00070	1
1,2-Dibromoethane	ND		mg/kg	0.00065	0.00038	1
Ethylbenzene	ND		mg/kg	0.0013	0.00018	1
p/m-Xylene	ND		mg/kg	0.0026	0.00073	1
o-Xylene	ND		mg/kg	0.0013	0.00038	1
Xylenes, Total	ND		mg/kg	0.0013	0.00038	1
Isopropylbenzene	0.00022	J	mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0026	0.00025	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0026	0.00043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-05
 Client ID: PARCELB-03-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 10:35
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 14:30
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.00018	J	mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00027	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-07
 Client ID: PARCELB-05-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 12:35
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 14:56
 Analyst: AJK
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00059	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00032	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0022	0.00061	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	0.073		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-09
 Client ID: PARCELB-06-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:20
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 15:22
 Analyst: AJK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00049	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00098	0.00025	1
Toluene	ND		mg/kg	0.00098	0.00053	1
1,2-Dibromoethane	ND		mg/kg	0.00049	0.00029	1
Ethylbenzene	ND		mg/kg	0.00098	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00055	1
o-Xylene	0.00028	J	mg/kg	0.00098	0.00028	1
Xylenes, Total	0.00028	J	mg/kg	0.00098	0.00028	1
Isopropylbenzene	0.016		mg/kg	0.00098	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-11
 Client ID: PARCELB-06-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:30
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/08/25 03:38
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.00024	J	mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	0.00082	J	mg/kg	0.0010	0.00057	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	0.0017		mg/kg	0.0010	0.00015	1
p/m-Xylene	0.00073	J	mg/kg	0.0021	0.00059	1
o-Xylene	0.0033		mg/kg	0.0010	0.00031	1
Xylenes, Total	0.0040	J	mg/kg	0.0010	0.00031	1
Isopropylbenzene	0.72	E	mg/kg	0.0010	0.00012	1
1,3,5-Trimethylbenzene	0.00068	J	mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	143	Q	70-130
4-Bromofluorobenzene	641	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-11
 Client ID: PARCELB-06-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:30
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/08/25 20:39
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	ND		mg/kg	0.029	0.0096	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	ND		mg/kg	0.058	0.031	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	0.021	J	mg/kg	0.058	0.0081	1
p/m-Xylene	ND		mg/kg	0.12	0.032	1
o-Xylene	0.031	J	mg/kg	0.058	0.017	1
Xylenes, Total	0.031	J	mg/kg	0.058	0.017	1
Isopropylbenzene	6.9		mg/kg	0.058	0.0063	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	171	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-13
 Client ID: PARCELB-07-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:50
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 15:48
 Analyst: TMH
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0036	0.00036	1
Benzene	ND		mg/kg	0.00089	0.00029	1
1,2-Dichloroethane	ND		mg/kg	0.0018	0.00046	1
Toluene	ND		mg/kg	0.0018	0.00096	1
1,2-Dibromoethane	ND		mg/kg	0.00089	0.00052	1
Ethylbenzene	ND		mg/kg	0.0018	0.00025	1
p/m-Xylene	ND		mg/kg	0.0036	0.0010	1
o-Xylene	0.00055	J	mg/kg	0.0018	0.00052	1
Xylenes, Total	0.00055	J	mg/kg	0.0018	0.00052	1
Isopropylbenzene	0.00051	J	mg/kg	0.0018	0.00019	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0036	0.00034	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0036	0.00059	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	140	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-15
 Client ID: PARCELB-04-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 08:55
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 17:33
 Analyst: TMH
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.020		mg/kg	0.00055	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	0.0052		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00055	0.00032	1
Ethylbenzene	0.0056		mg/kg	0.0011	0.00015	1
p/m-Xylene	0.0070		mg/kg	0.0022	0.00062	1
o-Xylene	0.0039		mg/kg	0.0011	0.00032	1
Xylenes, Total	0.011		mg/kg	0.0011	0.00032	1
Isopropylbenzene	0.0044		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.0026		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	0.0066		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-17
 Client ID: PARCELB-13-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 10:10
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 16:15
 Analyst: TMH
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00093	0.00024	1
Toluene	ND		mg/kg	0.00093	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	ND		mg/kg	0.00093	0.00013	1
p/m-Xylene	ND		mg/kg	0.0019	0.00052	1
o-Xylene	ND		mg/kg	0.00093	0.00027	1
Xylenes, Total	ND		mg/kg	0.00093	0.00027	1
Isopropylbenzene	ND		mg/kg	0.00093	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-19
 Client ID: PARCELB-12-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 11:05
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 16:41
 Analyst: TMH
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.00079		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00059	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00032	1
Ethylbenzene	0.00015	J	mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0022	0.00061	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	0.0013		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.00045	J	mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	0.00052	J	mg/kg	0.0022	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-21
 Client ID: PARCELB-11-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 12:20
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/07/25 17:07
 Analyst: TMH
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00018	1
Benzene	0.00018	J	mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00091	0.00023	1
Toluene	ND		mg/kg	0.00091	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	ND		mg/kg	0.00091	0.00013	1
p/m-Xylene	ND		mg/kg	0.0018	0.00051	1
o-Xylene	ND		mg/kg	0.00091	0.00026	1
Xylenes, Total	ND		mg/kg	0.00091	0.00026	1
Isopropylbenzene	ND		mg/kg	0.00091	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0018	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0018	0.00030	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-23
 Client ID: PARCELB-08-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:00
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/08/25 04:28
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.11	0.011	1
Benzene	ND		mg/kg	0.028	0.0092	1
1,2-Dichloroethane	ND		mg/kg	0.055	0.014	1
Toluene	ND		mg/kg	0.055	0.030	1
1,2-Dibromoethane	ND		mg/kg	0.028	0.016	1
Ethylbenzene	0.037	J	mg/kg	0.055	0.0078	1
p/m-Xylene	ND		mg/kg	0.11	0.031	1
o-Xylene	ND		mg/kg	0.055	0.016	1
Xylenes, Total	ND		mg/kg	0.055	0.016	1
Isopropylbenzene	0.45		mg/kg	0.055	0.0060	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.11	0.011	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.11	0.018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	136	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-25
 Client ID: PARCELB-09-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:20
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/08/25 04:54
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	ND		mg/kg	0.031	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.061	0.016	1
Toluene	ND		mg/kg	0.061	0.033	1
1,2-Dibromoethane	ND		mg/kg	0.031	0.018	1
Ethylbenzene	ND		mg/kg	0.061	0.0086	1
p/m-Xylene	ND		mg/kg	0.12	0.034	1
o-Xylene	ND		mg/kg	0.061	0.018	1
Xylenes, Total	ND		mg/kg	0.061	0.018	1
Isopropylbenzene	0.58		mg/kg	0.061	0.0067	1
1,3,5-Trimethylbenzene	0.016	J	mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.12	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	228	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/07/25 10:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,07,09,13,15,17,19,21 Batch: WG2017610-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/08/25 02:23
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 23,25 Batch: WG2017734-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/08/25 02:23
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG2017749-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/08/25 15:10
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2018039-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/08/25 15:10
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11 Batch: WG2018103-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,07,09,13,15,17,19,21 Batch: WG2017610-3 WG2017610-4								
Methyl tert butyl ether	85		84		66-130	1		30
Benzene	88		90		70-130	2		30
1,2-Dichloroethane	80		83		70-130	4		30
Toluene	88		89		70-130	1		30
1,2-Dibromoethane	94		95		70-130	1		30
Ethylbenzene	92		93		70-130	1		30
p/m-Xylene	96		98		70-130	2		30
o-Xylene	94		97		70-130	3		30
Isopropylbenzene	93		95		70-130	2		30
1,3,5-Trimethylbenzene	91		93		70-130	2		30
1,2,4-Trimethylbenzene	92		94		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	86		87		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 23,25 Batch: WG2017734-3 WG2017734-4								
Methyl tert butyl ether	91		88		66-130	3		30
Benzene	101		97		70-130	4		30
1,2-Dichloroethane	96		92		70-130	4		30
Toluene	102		98		70-130	4		30
1,2-Dibromoethane	109		106		70-130	3		30
Ethylbenzene	100		97		70-130	3		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	101		97		70-130	4		30
Isopropylbenzene	99		92		70-130	7		30
1,3,5-Trimethylbenzene	98		93		70-130	5		30
1,2,4-Trimethylbenzene	99		93		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		97		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	103		100		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG2017749-3 WG2017749-4								
Methyl tert butyl ether	91		88		66-130	3		30
Benzene	101		97		70-130	4		30
1,2-Dichloroethane	96		92		70-130	4		30
Toluene	102		98		70-130	4		30
1,2-Dibromoethane	109		106		70-130	3		30
Ethylbenzene	100		97		70-130	3		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	101		97		70-130	4		30
Isopropylbenzene	99		92		70-130	7		30
1,3,5-Trimethylbenzene	98		93		70-130	5		30
1,2,4-Trimethylbenzene	99		93		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		97		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	103		100		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2018039-3 WG2018039-4								
Methyl tert butyl ether	87		79		66-130	10		30
Benzene	95		95		70-130	0		30
1,2-Dichloroethane	89		86		70-130	3		30
Toluene	96		95		70-130	1		30
1,2-Dibromoethane	106		97		70-130	9		30
Ethylbenzene	98		93		70-130	5		30
p/m-Xylene	98		94		70-130	4		30
o-Xylene	93		94		70-130	1		30
Isopropylbenzene	88		99		70-130	12		30
1,3,5-Trimethylbenzene	91		98		70-130	7		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	106		107		70-130
4-Bromofluorobenzene	101		108		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11 Batch: WG2018103-3 WG2018103-4								
Methyl tert butyl ether	87		79		66-130	10		30
Benzene	95		95		70-130	0		30
1,2-Dichloroethane	89		86		70-130	3		30
Toluene	96		95		70-130	1		30
1,2-Dibromoethane	106		97		70-130	9		30
Ethylbenzene	98		93		70-130	5		30
p/m-Xylene	98		94		70-130	4		30
o-Xylene	93		94		70-130	1		30
Isopropylbenzene	88		99		70-130	12		30
1,3,5-Trimethylbenzene	91		98		70-130	7		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	106		107		70-130
4-Bromofluorobenzene	100		108		70-130
Dibromofluoromethane	96		97		70-130

SEMIVOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-02
 Client ID: PARCELB-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:10
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/05/25 21:55
 Analyst: LJG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.9		mg/kg	0.038	0.023	1
Fluorene	2.6		mg/kg	0.19	0.018	1
Phenanthrene	9.5	E	mg/kg	0.11	0.023	1
Anthracene	3.4		mg/kg	0.11	0.037	1
Pyrene	8.1	E	mg/kg	0.11	0.019	1
Benzo(a)anthracene	4.6		mg/kg	0.11	0.021	1
Chrysene	4.9		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	4.4		mg/kg	0.11	0.032	1
Benzo(a)pyrene	4.4		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	4.8		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-02 D
 Client ID: PARCELB-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:10
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 18:07
 Analyst: SLR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	11.		mg/kg	0.57	0.12	5
Pyrene	9.2		mg/kg	0.57	0.094	5

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-04
 Client ID: PARCELB-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:55
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/05/25 22:20
 Analyst: LJG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.58		mg/kg	0.038	0.023	1
Fluorene	0.42		mg/kg	0.19	0.018	1
Phenanthrene	2.4		mg/kg	0.11	0.023	1
Anthracene	1.8		mg/kg	0.11	0.037	1
Pyrene	5.2		mg/kg	0.11	0.019	1
Benzo(a)anthracene	3.0		mg/kg	0.11	0.021	1
Chrysene	3.6		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	3.4		mg/kg	0.11	0.032	1
Benzo(a)pyrene	3.2		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	3.2		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	70		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-06 D
 Client ID: PARCELB-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 10:40
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 18:32
 Analyst: SLR
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.59		mg/kg	0.41	0.25	10
Fluorene	3.5		mg/kg	2.0	0.20	10
Phenanthrene	2.0		mg/kg	1.2	0.25	10
Anthracene	4.5		mg/kg	1.2	0.40	10
Pyrene	16.		mg/kg	1.2	0.20	10
Benzo(a)anthracene	6.7		mg/kg	1.2	0.23	10
Chrysene	7.4		mg/kg	1.2	0.21	10
Benzo(b)fluoranthene	3.3		mg/kg	1.2	0.34	10
Benzo(a)pyrene	4.9		mg/kg	1.6	0.50	10
Benzo(ghi)perylene	3.4		mg/kg	1.6	0.24	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-08 D
 Client ID: PARCELB-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 12:40
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 18:57
 Analyst: SLR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.12	5
Fluorene	ND		mg/kg	0.98	0.095	5
Phenanthrene	0.21	J	mg/kg	0.59	0.12	5
Anthracene	ND		mg/kg	0.59	0.19	5
Pyrene	0.48	J	mg/kg	0.59	0.098	5
Benzo(a)anthracene	1.0		mg/kg	0.59	0.11	5
Chrysene	1.6		mg/kg	0.59	0.10	5
Benzo(b)fluoranthene	1.3		mg/kg	0.59	0.16	5
Benzo(a)pyrene	2.0		mg/kg	0.78	0.24	5
Benzo(ghi)perylene	1.7		mg/kg	0.78	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	70		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-10 D
 Client ID: PARCELB-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:25
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 19:22
 Analyst: SLR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.38	0.23	10
Fluorene	ND		mg/kg	1.9	0.19	10
Phenanthrene	ND		mg/kg	1.2	0.23	10
Anthracene	ND		mg/kg	1.2	0.38	10
Pyrene	ND		mg/kg	1.2	0.19	10
Benzo(a)anthracene	ND		mg/kg	1.2	0.22	10
Chrysene	ND		mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	ND		mg/kg	1.2	0.32	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.47	10
Benzo(ghi)perylene	ND		mg/kg	1.5	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	60		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-12 D
 Client ID: PARCELB-06-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:35
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 19:47
 Analyst: SLR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.2		mg/kg	0.38	0.23	10
Fluorene	0.56	J	mg/kg	1.9	0.19	10
Phenanthrene	0.94	J	mg/kg	1.2	0.23	10
Anthracene	0.38	J	mg/kg	1.2	0.38	10
Pyrene	1.0	J	mg/kg	1.2	0.19	10
Benzo(a)anthracene	0.65	J	mg/kg	1.2	0.22	10
Chrysene	1.1	J	mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	0.64	J	mg/kg	1.2	0.32	10
Benzo(a)pyrene	0.83	J	mg/kg	1.5	0.47	10
Benzo(ghi)perylene	1.2	J	mg/kg	1.5	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	44		30-120
4-Terphenyl-d14	50		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-14 D
 Client ID: PARCELB-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:55
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 00:21
 Analyst: LJJ
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.25		mg/kg	0.19	0.12	5
Fluorene	0.20	J	mg/kg	0.95	0.092	5
Phenanthrene	0.49	J	mg/kg	0.57	0.12	5
Anthracene	0.29	J	mg/kg	0.57	0.18	5
Pyrene	2.1		mg/kg	0.57	0.095	5
Benzo(a)anthracene	0.85		mg/kg	0.57	0.11	5
Chrysene	1.2		mg/kg	0.57	0.099	5
Benzo(b)fluoranthene	0.80		mg/kg	0.57	0.16	5
Benzo(a)pyrene	0.68	J	mg/kg	0.76	0.23	5
Benzo(ghi)perylene	0.73	J	mg/kg	0.76	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	34		23-120
2-Fluorobiphenyl	51		30-120
4-Terphenyl-d14	51		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-16
 Client ID: PARCELB-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 09:00
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 00:45
 Analyst: LJG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.25		mg/kg	0.039	0.024	1
Fluorene	0.23		mg/kg	0.19	0.019	1
Phenanthrene	0.66		mg/kg	0.12	0.024	1
Anthracene	0.38		mg/kg	0.12	0.038	1
Pyrene	1.0		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.58		mg/kg	0.12	0.022	1
Chrysene	0.72		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.80		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.63		mg/kg	0.16	0.047	1
Benzo(ghi)perylene	0.59		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	60		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-18
 Client ID: PARCELB-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 10:15
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 01:34
 Analyst: LJJ
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11		mg/kg	0.036	0.022	1
Fluorene	0.038	J	mg/kg	0.18	0.018	1
Phenanthrene	0.27		mg/kg	0.11	0.022	1
Anthracene	0.097	J	mg/kg	0.11	0.035	1
Pyrene	0.35		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.28		mg/kg	0.11	0.020	1
Chrysene	0.35		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.32		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.32		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.36		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	82		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-20
 Client ID: PARCELB-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 11:10
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 01:58
 Analyst: LJG
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.022	J	mg/kg	0.035	0.022	1
Fluorene	ND		mg/kg	0.18	0.017	1
Phenanthrene	0.098	J	mg/kg	0.10	0.021	1
Anthracene	0.036	J	mg/kg	0.10	0.034	1
Pyrene	0.15		mg/kg	0.10	0.018	1
Benzo(a)anthracene	0.091	J	mg/kg	0.10	0.020	1
Chrysene	0.10		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.12		mg/kg	0.10	0.030	1
Benzo(a)pyrene	0.099	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.087	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	71		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-22
 Client ID: PARCELB-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 12:25
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 02:22
 Analyst: LJG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	ND		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.046	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.031	J	mg/kg	0.12	0.022	1
Chrysene	0.034	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	67		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-24 D
 Client ID: PARCELB-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:05
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/06/25 20:13
 Analyst: SLR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.45		mg/kg	0.18	0.11	5
Fluorene	0.80	J	mg/kg	0.90	0.087	5
Phenanthrene	0.90		mg/kg	0.54	0.11	5
Anthracene	0.53	J	mg/kg	0.54	0.17	5
Pyrene	1.3		mg/kg	0.54	0.089	5
Benzo(a)anthracene	0.64		mg/kg	0.54	0.10	5
Chrysene	0.93		mg/kg	0.54	0.093	5
Benzo(b)fluoranthene	0.49	J	mg/kg	0.54	0.15	5
Benzo(a)pyrene	0.53	J	mg/kg	0.72	0.22	5
Benzo(ghi)perylene	0.53	J	mg/kg	0.72	0.10	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-26 D
 Client ID: PARCELB-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:25
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/07/25 09:07
 Analyst: SMZ
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.51		mg/kg	0.19	0.12	5
Fluorene	2.0		mg/kg	0.95	0.093	5
Phenanthrene	1.1		mg/kg	0.57	0.12	5
Anthracene	0.92		mg/kg	0.57	0.19	5
Pyrene	2.2		mg/kg	0.57	0.095	5
Benzo(a)anthracene	1.2		mg/kg	0.57	0.11	5
Chrysene	2.0		mg/kg	0.57	0.099	5
Benzo(b)fluoranthene	0.93		mg/kg	0.57	0.16	5
Benzo(a)pyrene	0.81		mg/kg	0.76	0.23	5
Benzo(ghi)perylene	0.67	J	mg/kg	0.76	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/05/25 17:55
Analyst: LJJ

Extraction Method: EPA 3546
Extraction Date: 01/04/25 23:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 Batch: WG2016499-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Anthracene	ND		mg/kg	0.098	0.032
Pyrene	ND		mg/kg	0.098	0.016
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Chrysene	ND		mg/kg	0.098	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	89		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 Batch: WG2016499-2 WG2016499-3								
Naphthalene	69		75		40-140	8		50
Fluorene	70		77		40-140	10		50
Phenanthrene	69		74		40-140	7		50
Anthracene	71		77		40-140	8		50
Pyrene	72		78		35-142	8		50
Benzo(a)anthracene	69		76		40-140	10		50
Chrysene	69		76		40-140	10		50
Benzo(b)fluoranthene	70		78		40-140	11		50
Benzo(a)pyrene	73		80		40-140	9		50
Benzo(ghi)perylene	76		85		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	71		78		23-120
2-Fluorobiphenyl	70		74		30-120
4-Terphenyl-d14	72		76		18-120

METALS



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-02
 Client ID: PARCELB-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:10
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	47.7		mg/kg	4.55	0.244	2	01/08/25 16:27	01/08/25 20:12	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-04
 Client ID: PARCELB-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:55
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	67.2		mg/kg	4.50	0.241	2	01/08/25 16:27	01/08/25 20:02	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-06
 Client ID: PARCELB-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 10:40
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	65.9		mg/kg	4.80	0.257	2	01/08/25 16:27	01/08/25 20:05	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-08
 Client ID: PARCELB-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 12:40
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	170		mg/kg	4.64	0.248	2	01/08/25 16:27	01/08/25 20:09	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-10
 Client ID: PARCELB-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:25
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	341		mg/kg	4.51	0.242	2	01/08/25 16:27	01/08/25 20:44	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-12
 Client ID: PARCELB-06-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:35
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	143		mg/kg	4.45	0.238	2	01/08/25 16:27	01/08/25 20:48	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-14
 Client ID: PARCELB-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:55
 Date Received: 01/02/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	756		mg/kg	4.37	0.234	2	01/08/25 16:27	01/08/25 20:51	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-16
 Client ID: PARCELB-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 09:00
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	138		mg/kg	4.59	0.246	2	01/08/25 16:27	01/08/25 20:54	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-18
 Client ID: PARCELB-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 10:15
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	96.9		mg/kg	4.24	0.227	2	01/08/25 16:27	01/08/25 20:58	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-20
 Client ID: PARCELB-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 11:10
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	22.4		mg/kg	4.04	0.217	2	01/08/25 16:27	01/08/25 21:01	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-22
 Client ID: PARCELB-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 12:25
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	41.9		mg/kg	4.70	0.252	2	01/08/25 16:27	01/08/25 21:05	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-24
 Client ID: PARCELB-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:05
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	64.4		mg/kg	4.25	0.228	2	01/08/25 16:27	01/08/25 21:08	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-26
 Client ID: PARCELB-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:25
 Date Received: 01/03/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	196		mg/kg	4.49	0.241	2	01/08/25 16:27	01/08/25 21:12	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 Batch: WG2017772-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/08/25 16:27	01/08/25 19:55	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 Batch: WG2017772-2								
Lead, Total	99		-		80-120	-		



Matrix Spike Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

<u>Parameter</u>	<u>Native Sample</u>	<u>MS Added</u>	<u>MS Found</u>	<u>MS %Recovery</u>	<u>Qual</u>	<u>MSD Found</u>	<u>MSD %Recovery</u>	<u>Qual</u>	<u>Recovery Limits</u>	<u>RPD</u>	<u>Qual</u>	<u>RPD Limits</u>
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 QC Batch ID: WG2017772-3 QC Sample: L2500151-02 Client ID: PARCELB-01-C1-COMP												
Lead, Total	47.7	48.2	112	133	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26 QC Batch ID: WG2017772-4 QC Sample: L2500151-02 Client ID: PARCELB-01-C1-COMP						
Lead, Total	47.7	65.8	mg/kg	32	Q	20



INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-01
Client ID: PARCELB-01-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:05
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-02
Client ID: PARCELB-01-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:10
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-03
Client ID: PARCELB-02-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:50
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-04
Client ID: PARCELB-02-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 09:55
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-05
Client ID: PARCELB-03-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 10:35
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-06
Client ID: PARCELB-03-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 10:40
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-07
Client ID: PARCELB-05-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 12:35
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-08
Client ID: PARCELB-05-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 12:40
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-09
Client ID: PARCELB-06-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:20
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-10
Client ID: PARCELB-06-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:25
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-11
Client ID: PARCELB-06-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:30
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-12
Client ID: PARCELB-06-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:35
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-13
Client ID: PARCELB-07-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:50
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-14
Client ID: PARCELB-07-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/02/25 13:55
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	01/03/25 09:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-15
Client ID: PARCELB-04-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 08:55
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-16
Client ID: PARCELB-04-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 09:00
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-17
Client ID: PARCELB-13-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 10:10
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-18
Client ID: PARCELB-13-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 10:15
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-19
Client ID: PARCELB-12-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 11:05
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-20
Client ID: PARCELB-12-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 11:10
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	01/04/25 11:52	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-21
Client ID: PARCELB-11-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 12:20
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-22
Client ID: PARCELB-11-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 12:25
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-23
Client ID: PARCELB-08-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:00
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-24
Client ID: PARCELB-08-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:05
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-25
Client ID: PARCELB-09-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:20
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

SAMPLE RESULTS

Lab ID: L2500151-26
Client ID: PARCELB-09-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/03/25 14:25
Date Received: 01/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	01/04/25 12:14	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG2015975-1 QC Sample: L2500151-01 Client ID: PARCELB-01-C1-VOC						
Solids, Total	87.4	88.3	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 15-20 QC Batch ID: WG2016404-1 QC Sample: L2500151-15 Client ID: PARCELB-04-C1-VOC						
Solids, Total	83.2	84.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-26 QC Batch ID: WG2016406-1 QC Sample: L2500151-21 Client ID: PARCELB-11-C1-VOC						
Solids, Total	92.1	91.0	%	1		20

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500151-01A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-01B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-01C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-01D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-02B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-03A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-03B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-03C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-03D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-04B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-05A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-05B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-05C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-05D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-06B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-07A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-07B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-07C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-07D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)

Project Name: BDH**Lab Number:** L2500151**Project Number:** P044.003.001**Report Date:** 01/13/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500151-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-08B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-09A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-09B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-09C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-09D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-10B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-11A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2500151-11B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260H(14),PA-8260HLW(14)
L2500151-11C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260H(14),PA-8260HLW(14)
L2500151-11D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-12B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-13A	Vial MeOH preserved	A	NA		4.7	Y	Absent		PA-8260HLW(14)
L2500151-13B	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-13C	Vial water preserved	A	NA		4.7	Y	Absent	03-JAN-25 04:56	PA-8260HLW(14)
L2500151-13D	Plastic 120ml unpreserved	A	NA		4.7	Y	Absent		TS(7)
L2500151-14A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		PB-TI(180)
L2500151-14B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		TS(7),PA-PAH(14)
L2500151-15A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-15B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-15C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-15D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2500151-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-16B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2500151-17A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-17B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2500151**Project Number:** P044.003.001**Report Date:** 01/13/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500151-17C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-17D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2500151-17E	Glass 60ml unpreserved split	B	NA		4.2	Y	Absent		HOLD-METAL(180)
L2500151-17F	Glass 60ml unpreserved split	B	NA		4.2	Y	Absent		HOLD-8270(14)
L2500151-18A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-18B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2500151-19A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-19B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-19C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-19D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2500151-20A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-20B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2500151-21A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-21B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-21C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-21D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2500151-22A	Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-22B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2500151-23A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-23B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-23C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-23D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)
L2500151-24A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-24B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2500151-25A	Vial MeOH preserved	B	NA		4.2	Y	Absent		PA-8260HLW(14)
L2500151-25B	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-25C	Vial water preserved	B	NA		4.2	Y	Absent	04-JAN-25 05:18	PA-8260HLW(14)
L2500151-25D	Plastic 120ml unpreserved	B	NA		4.2	Y	Absent		TS(7)

Project Name: BDH**Lab Number:** L2500151**Project Number:** P044.003.001**Report Date:** 01/13/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500151-26A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		PB-TI(180)
L2500151-26B	Glass 120ml/4oz unpreserved	B	NA		4.2	Y	Absent		TS(7),PA-PAH(14)

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500151
Report Date: 01/13/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Alpha SOP 23528

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

1/3/25

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania Date-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x50
 E-Mail: nick.scala@terrphase.com
 Customer Project #: P044.001.001 E-MAIL: alexander.strohl@terrphase.com
 Project Name: BDH Invoice to:
 Invoice E-mail:
 Site Collection Info/Tank ID (as applicable): Purchase Order # (if applicable):
3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: AK PT MT CT ET County / State origin of sample(s):

Data Deliverables: Regulatory Program (LW, RCHA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other: DW PWSD # or WW Permit #s applicable:
 Date Results Requested: Field Filtered (if applicable): Yes No
 Analysis:

* Matrix Codes (Insert in Matrix Box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OS), Wipe (WP), Tissue (TS), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cook (CK), Leachate (L), Alcohol (AS), Other (O)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume Result Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (5010)	Preservative non-conformance identified for sample
			Date	Time	Date	Time						
Parcel B-01-C1-VOC	So	G	1/2/25	9:05	1/2/25	9:05	4		X	X	X	VOC analysis only
Parcel B-01-C1-COMP		C		9:10		9:10	2			X	X	
Parcel B-02-C1-VOC		G		9:50		9:50	4		X			
Parcel B-02-C1-COMP		C		9:55		9:55	2			X	X	
Parcel B-03-C1-VOC		G		10:35		10:35	4		X			
Parcel B-03-C1-COMP		C		10:40		10:40	2			X	X	
Parcel B-04-C1-VOC		G		12:35		12:35	4		X			
Parcel B-04-C1-COMP		C		12:40		12:40	2			X	X	
Parcel B-06-C1-VOC		G		13:20		13:20	4		X			
Parcel B-06-C1-COMP		C		13:25		13:25	2			X	X	

Additional Instructions from Pace®: Please send EDDs to EDD@terrphase.com
 Collected By: Samantha Chubb
 Printed Name: *Smt Chubb*
 Signature: *[Signature]*
 Customer Remarks / Special Conditions / Possible Hazards:
 # Contaminants: _____ Temperature (°C): _____ Contaminant Factor (CF): _____ Date/Time (°C): _____ Selected Temp (°C): _____

Released by/Company (Signature) <i>Mason Mason TEI</i>	Date/Time 1/2/25 @ 1600	Received by/Company (Signature) <i>[Signature] PACE</i>	Date/Time 1/2/25 1600	Tracking Number:
Released by/Company (Signature) <i>[Signature]</i>	Date/Time 1/2/25 1856	Received by/Company (Signature) <i>[Signature]</i>	Date/Time 1/2 1856	Delivered by: <input type="checkbox"/> In Person <input type="checkbox"/> Courier
Released by/Company (Signature) <i>Anthony Green</i>	Date/Time 1/2/25 0020	Received by/Company (Signature) <i>Anthony Green</i>	Date/Time JAN 02 2025 0020	<input type="checkbox"/> PETE <input type="checkbox"/> LPE <input type="checkbox"/> ORO
				Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <http://info.pacelabs.com/submit/sample-standards/terms.pdf>

L2500151 09JAN25
TERRAPHASE



Specify Container Size **

8	10	16			
---	----	----	--	--	--

Identify Container Preservative Type**

1	1	1			
---	---	---	--	--	--

Analysis Requested

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	-------------------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Preservative non-conformance identified for sample


[Signature] 1/3/25 0240 *Julie* 1/3/25 2:40

113125

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LOCAL DOCUMENT - Complete all relevant fields.

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x82
 E-Mail: nick.scala@terraphase.com
 CC E-Mail: alexander.strohl@terraphase.com

Customer Project #: P044.001.001 Invoice to:
 Project Name: BDH Invoice E-mail:
 Site Collection Info/Facility ID (if applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: AK PT MT CT ET Country / State origin of sample(s):

LAB USE ONLY - Affix Workorder/Login Label Here
 L2500151
 Scan QR Code for instructions

Specify Container Size **

8	10	10							
---	----	----	--	--	--	--	--	--	--

 ** Container Size: (1) 1L, (2) 500ml, (3) 250ml, (4) 125ml, (5) 100ml, (6) 40ml, (7) 10ml, (8) TerraCup, (9) 250ml, (10) Other

Identify Container Preservative Type***

3	1	1							
---	---	---	--	--	--	--	--	--	--

 *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) H2O2, (6) Zn Acetate, (7) HNO3/H2O2, (8) SoA Phosphate, (9) Ascorbic Acid, (10) NaOH, (11) Defer

Analysis Requested

Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)							
---------------------------	----------------------------	-------------	--	--	--	--	--	--	--

Data Deliverables: Level II Level III Level IV
 ECMS Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other: _____
 Date Results Requested: _____
 DW PWSID # or WW Permit # as applicable: _____
 Field Filtered (if applicable): Yes No
 Analyte: _____

* Abbrev Codes (insert in Matrix loc below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil/Oil, Wipe (WP), Tissue (T), Biosolids (BS), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
Parcel B-06-C2-VOC	SO	G	1/2/25	13:30	1/2/25	13:30	4			X			
Parcel B-06-C2-Comp	↓	C	↓	13:35	↓	13:35	2				X	X	
Parcel B-07-C1-VOC	↓	G	↓	13:50	↓	13:50	4			X			
Parcel B-07-C1-Comp	↓	C	↓	13:55	↓	13:55	2				X	X	

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chubb
 Printed Name: *Samantha Chubb*
 Signature: *Samantha Chubb*

Customer Remarks / Special Conditions / Possible Hazards:
 *Flowed: _____ Temperature (F): _____ Conversion Factor (F): _____ Oil Temp (F): _____ Temperature (C): _____ # On Ice

Received by/Company (Signature): <i>Maryann Brown TEI</i>	Date/Time: 1/2/25 @ 1600	Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: 1/2/25 1600	Tracking Number:
Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/2/25 18:56	Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/2 18:56	Delivered by: <input type="checkbox"/> Person <input type="checkbox"/> Courier
Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: 1/2 0020	Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: JAN 02 2025 0020	<input type="checkbox"/> Fedex <input type="checkbox"/> UPS <input type="checkbox"/> Other
			Date/Time: 1/2 0020	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/pdfs/pas-standard-terms.pdf> ENV-IRM-CORQ-0019_v02_110323 ©

ay 1/3/25 2040 *Julia* 113125 2:40

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**
CHAIN-OF-CUSTODY Analytical Request Document
 Chain-of-Custody is a FEDERAL DOCUMENT - Complete all relevant fields.

L2500151
TERRAPHASE
10JAN25



Company Name: Terraphase Engineering Inc.
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
 Customer Project #: PG44.001.001
 Project Name: BDH
 Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Contact/Report To: Nick Scala
 Phone #: 609 236 8171 x82
 E-Mail: nick.scala@terraphase.com
 CC E-Mail: alexander.atronl@terraphase.com

Time Zone Collected: [] AK [] PT [] MT [] CT ET
 County / State origin of sample(s):
 Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 [] Level I [] Level II [] Level III
 [] SOHS
 [] Other
 Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other _____
 Date Results Requested:
 DW PMSD # or WW Permit # as applicable:
 Field Filtered (if applicable): [] Yes [] No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Soil (SS), Oil (OI), Wipe (WV), Tissue (TS), Sludge (S), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cook (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grub	Composite Start		Collected or Composite End		# Cont.	Residual Volume		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
Parcel B-04-C1-VOC	So	G	1/3/25	8:55	1/3/25	8:55	4			X			
Parcel B-04-C1-comp		C		9:00		9:00	2				X	X	
Parcel B-13-C1-VOC		G		10:10		10:10	4			X			
Parcel B-13-C1-comp		C		10:15		10:15	2				X	X	
Parcel B-12-C1-VOC		G		11:05		11:05	4			X			
Parcel B-12-C1-comp		C		11:10		11:10	2				X	X	
Parcel B-11-C1-VOC		G		12:20		12:20	4			X			
Parcel B-11-C1-comp		C		12:25		12:25	2				X	X	
Parcel B-08-C1-VOC		G		14:00		14:00	4			X			
Parcel B-08-C1-comp		C		14:05		14:05	2				X	X	

Specify Container Size **
 8 10 10
 Identify Container Preservation Type***
 1 1 1
 Analysis Requested
 *** Preservation Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) 2% Acetic, (7) H2O2, (8) Sealed, (9) Thiosulfate, (10) Ascorbic Acid, (11) Ascorbic, (12) Other

Lab Use Only
 Proj. No.:
 Acc Num / Client ID:
 Table #:
 Profile / Template:
 Ring / Bottle Grd. ID:
 Preservation non-compliance specified for sample

Additional Instructions from Pace®: Alpha project # L2500151
 Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chwob
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:
 # Containers: _____ Temperature (F): _____ Collection Location (F): _____ Oil Temp (C): _____ Corrosion Temp (C): _____ [] On Job

Released by/Category: [Signature] TEI	Date/Time: 1/3/25 @ 1555	Received by/Category: [Signature] PAC	Date/Time: 1/3/25 1600
Released by/Category: [Signature]	Date/Time: 1/3/25 19:00	Received by/Category: [Signature]	Date/Time: 1/3/25 19:00
Released by/Category: [Signature] Anthony Green	Date/Time: 1/3	Received by/Category: [Signature] Anthony Green	Date/Time: JAN 03 2025 20:10
Released by/Category: [Signature]	Date/Time: 1/4/25 0215	Received by/Category: [Signature]	Date/Time: 1/4/25 0215

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <http://www.pace.com/hubfs/pace-standard-terms.pdf>

Con in Pace 1/4/25 0210
 Julie 1/4/25 2:10

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a TRADE DOCUMENT. Complete all relevant fields.

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scalb
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609 236 8171 x52
Customer Project #: P044,001,001 **E-Mail:** nick_scalb@terraphase.com
Project Name: BDH **Cx E-Mail:** alexander.strohi@terraphase.com
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: [] AK [] PT [] MT [] CT [x] ET **Invoice to:**
Data Deliverables: [] Level I [] Level II [] Level III [] Level IV **Regulatory Program (D.W., RCRA, etc.) as applicable:** Reportable [] Yes [] No
Analysis Requested: **Shortlist 1-5 VOCs (8260)** **Shortlist 1-5 SVOCs (8270)** **Lead (6010)**

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume		Analysis Requested	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Result	Units			
Parcel B-09-C1-VOC	So	G	1/3/25	14:20	1/3/25	14:20	4			X		
Parcel B-09-C1-comp	So	C	1/3/25	14:25	1/3/25	14:25	2			X	X	

Additional Instructions from Pace®: WPIHA Project # L2500151
Please send EDDs to EDD@terraphase.com
Collected by: Samantha Chubb
Printed Name: Samantha Chubb
Signature: *Samantha Chubb*
Customer Remarks / Special Conditions / Possible Hazards:
Memo Attached

Received by (Company) (Signature)	Date/Time	Received by (Company) (Signature)	Date/Time	Tracking Number
<i>Maxim Mason TEI</i>	1/3/25 @ 13:55	<i>JACK PACE</i>	1/3/25 16:00	
<i>[Signature]</i>	1/3/25 18:00	<i>[Signature]</i>	1/3 18:00	
<i>[Signature]</i>		<i>Anthony Green</i>	JAN 03 2025 0520X	
<i>Anthony Green</i>		<i>[Signature]</i>	1/3/25 0815	

Submitting a sample via this chain of custody constitutes acknowledgement and acceptance of the Pace® Terms and Conditions found at <https://info.pacelab.com/lulife/pgs-standard/terms.pdf>

Page: 2 of 2

ENV-FRM-CO-CO-0019_v02_110123 ©

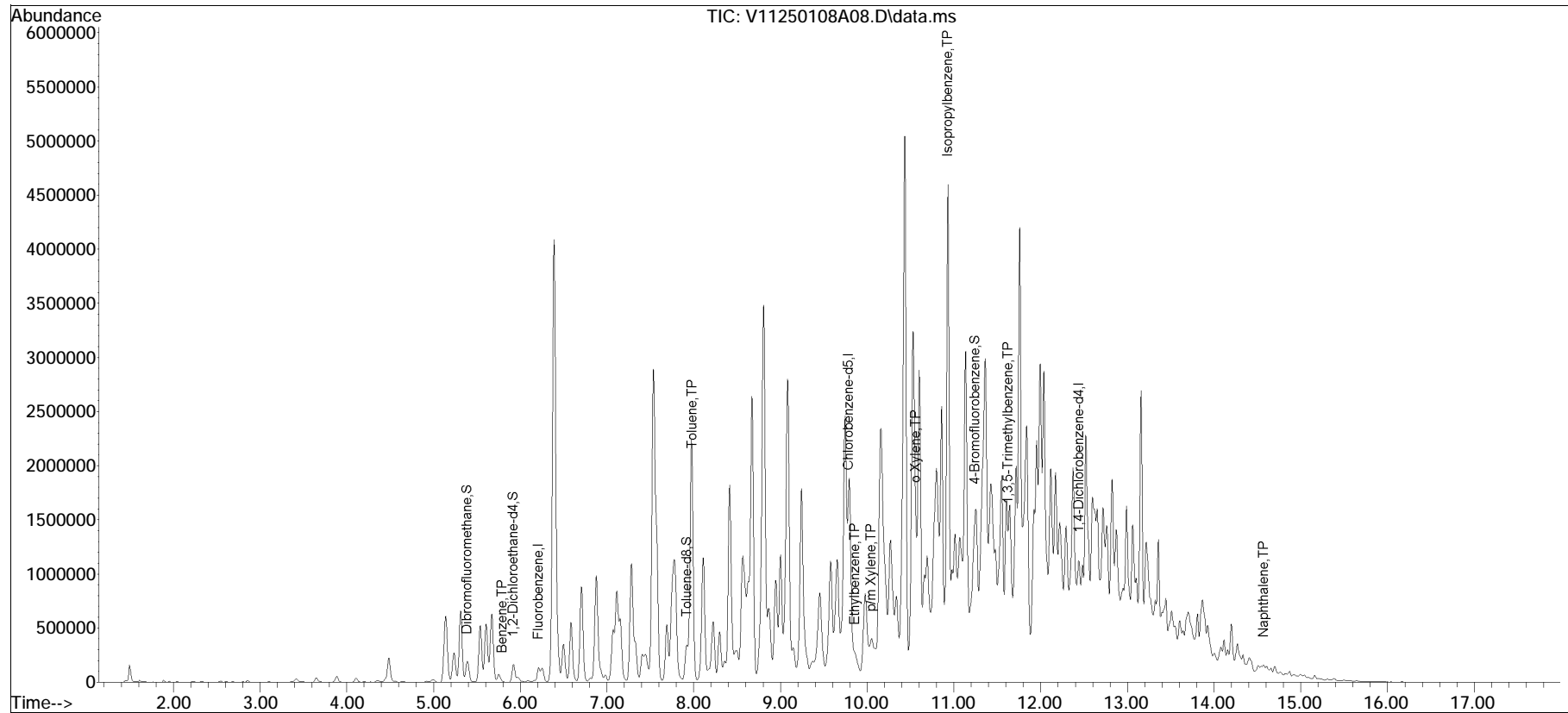
Conrad Vitek 1/14/25 0210 Julia 1/14/25 2:10

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250108A\
Data File : V11250108A08.D
Acq On : 08 Jan 2025 03:38 am
Operator : VOA111:JIC
Sample : L2500151-11,31,5.48,5,,B,32.59,38.57,0.50
Misc : WG2017749,ICAL21553
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 07:19:01 2025
Quant Method : K:\VOA111\2025\250108A\V111_241001N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 02 10:11:55 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list108A01.D•

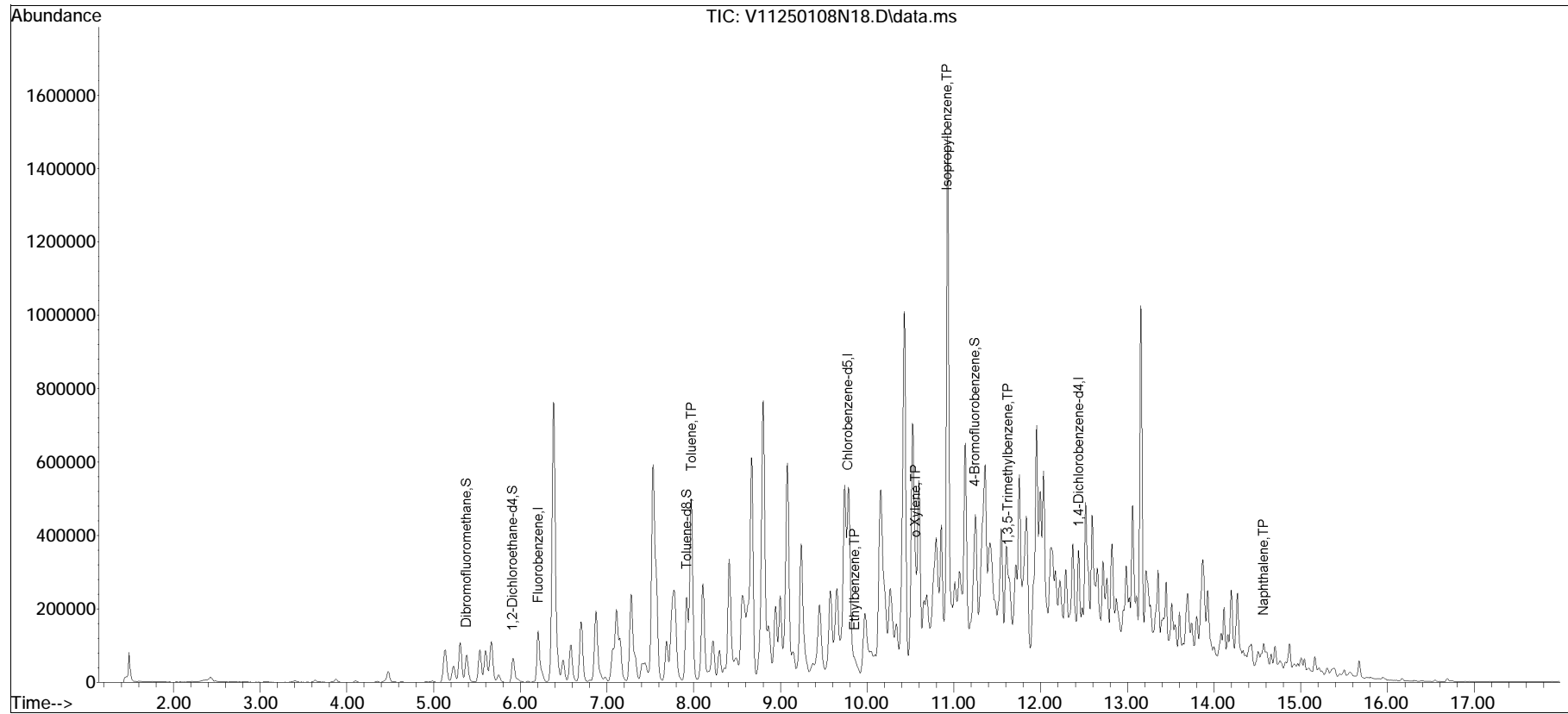


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250108N\
Data File : V11250108N18.D
Acq On : 08 Jan 2025 08:39 pm
Operator : VOA111:JIC
Sample : L2500151-11,31H,5.82,5,0.100,,A,30.39,36.71,0
Misc : WG2018103,ICAL21553
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 07:06:11 2025
Quant Method : K:\VOA111\2025\250108N\V111_241001N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 02 10:11:55 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list108N01.D•

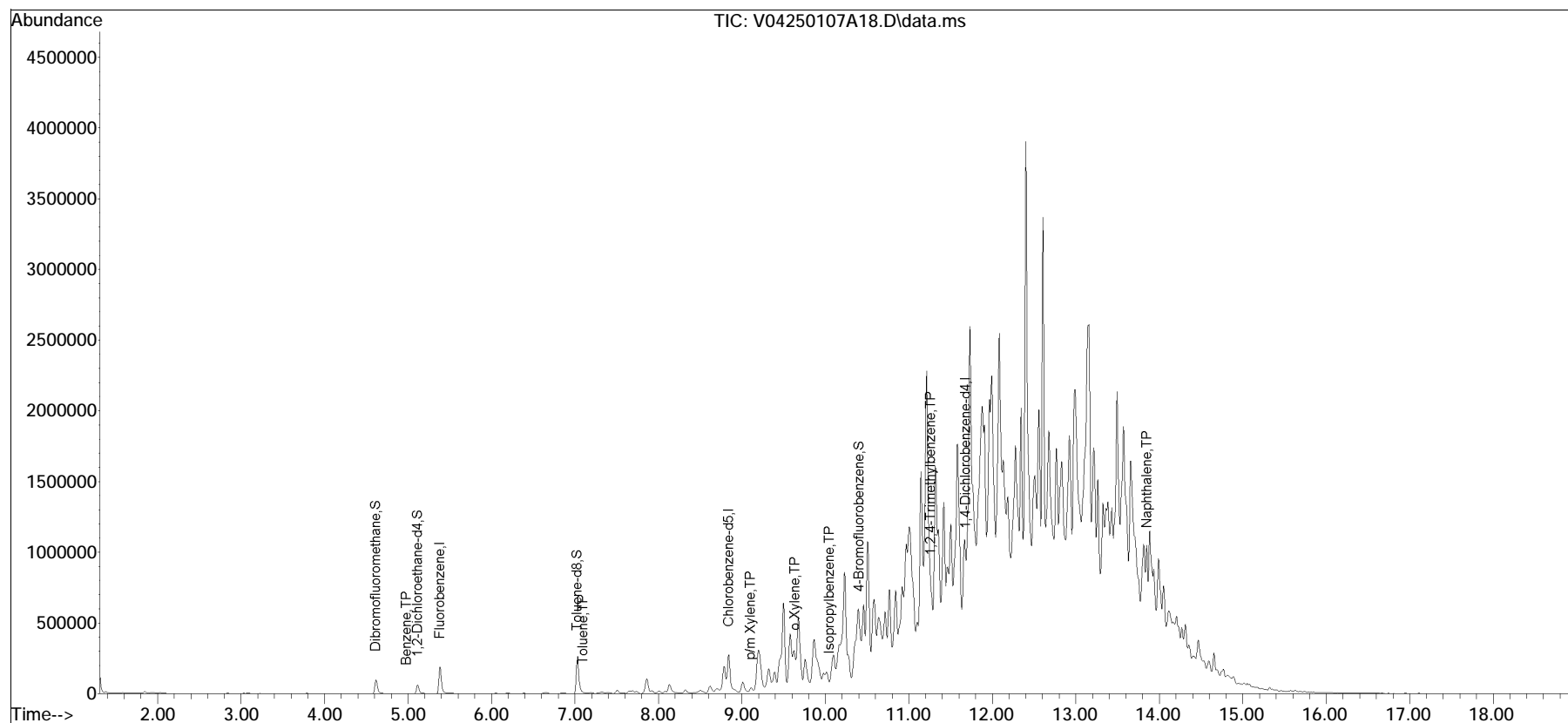


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250107A\
Data File : V04250107A18.D
Acq On : 7 Jan 2025 3:48 pm
Operator : VOA104:TMH
Sample : L2500151-13,31,3.35,5,,C,32.52,36.12,0.25
Misc : WG2017610,ICAL21802
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 08 06:32:25 2025
Quant Method : K:\VOA104\2025\250107A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list107A01.D•

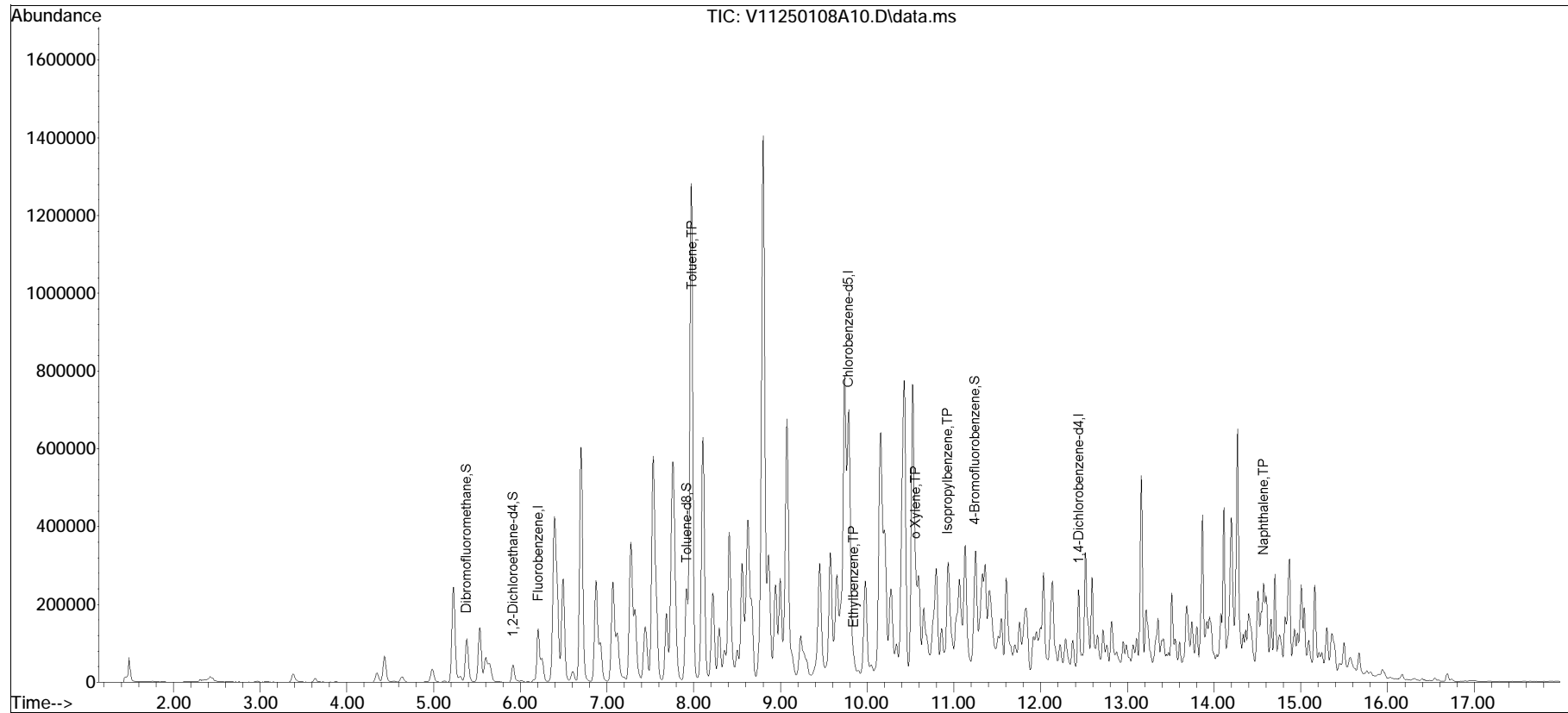


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250108\
Data File : V11250108A10.D
Acq On : 08 Jan 2025 04:28 am
Operator : VOA111:JIC
Sample : L2500151-23,31H,5.02,5,0.100,,A,30.43,35.95,0
Misc : WG2017734,ICAL21553
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 08 07:19:50 2025
Quant Method : K:\VOA111\2025\250108A\V111_241001N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 02 10:11:55 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list108A01.D•

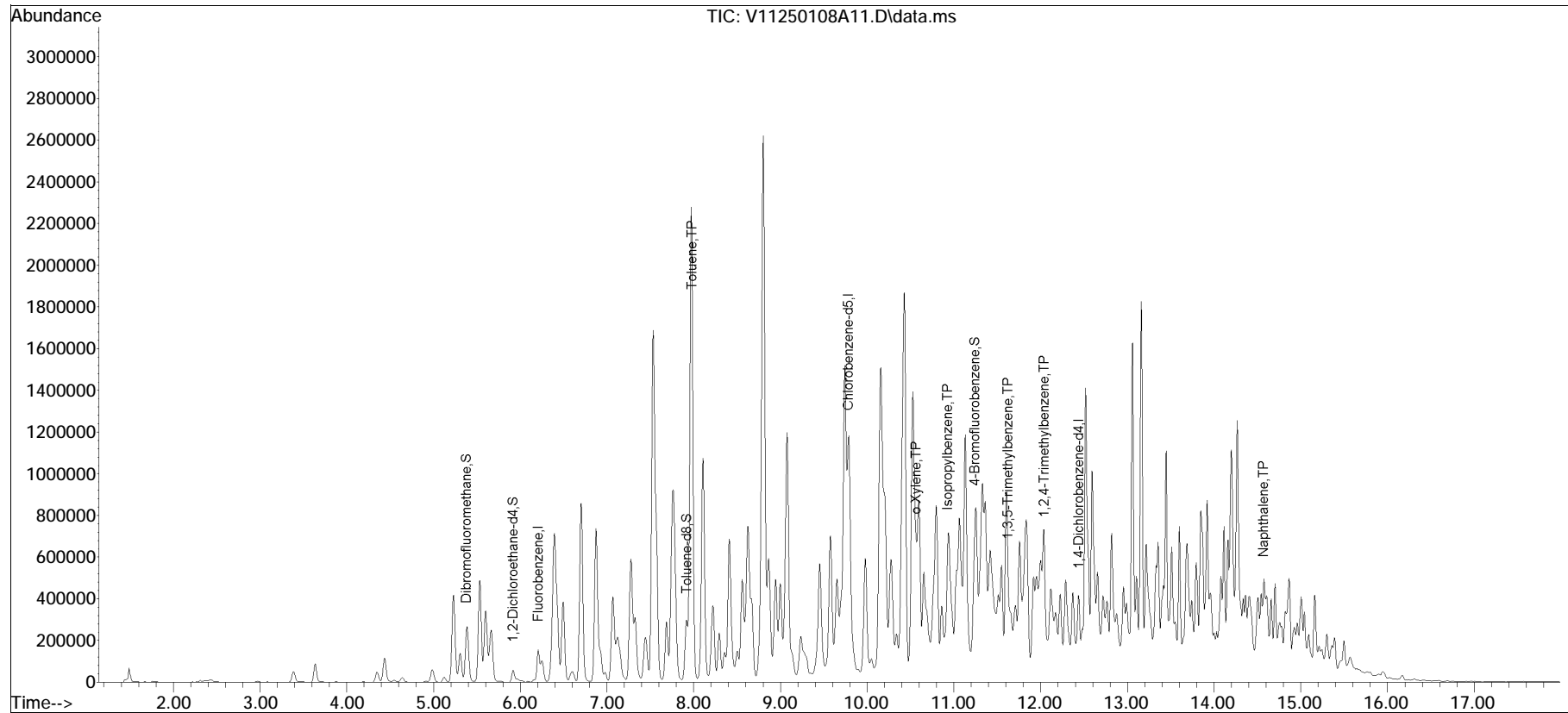


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250108A\
Data File : V11250108A11.D
Acq On : 08 Jan 2025 04:54 am
Operator : VOA111:JIC
Sample : L2500151-25,31H,5.15,5,0.100,,A,30.44,36.09,0
Misc : WG2017734,ICAL21553
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 08 07:20:01 2025
Quant Method : K:\VOA111\2025\250108A\V111_241001N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 02 10:11:55 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list108A01.D•





ANALYTICAL REPORT

Lab Number:	L2500767
Client:	Terraphase Engineering Inc. 1100 Canal Pointe Boulevard Suite 100 Princeton, NJ 08540
ATTN:	Nick Scala
Phone:	(609) 236-8171
Project Name:	BDH
Project Number:	P044.003.001
Report Date:	01/16/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2500767-01	PARCELB-10-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/07/25 10:40	01/07/25
L2500767-02	PARCELB-10-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/07/25 10:45	01/07/25
L2500767-03	PARCELB-15-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/07/25 11:15	01/07/25
L2500767-04	PARCELB-15-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/07/25 11:20	01/07/25
L2500767-05	PARCELB-14-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/07/25 12:20	01/07/25
L2500767-06	PARCELB-14-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/07/25 12:25	01/07/25
L2500767-07	PARCELB-16-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/07/25 13:10	01/07/25
L2500767-08	PARCELB-16-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/07/25 13:15	01/07/25
L2500767-09	PARCELB-17-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/07/25 13:25	01/07/25
L2500767-10	PARCELB-17-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/07/25 13:30	01/07/25
L2500767-11	PARCELB-21-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/08/25 09:00	01/08/25
L2500767-12	PARCELB-21-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/08/25 09:05	01/08/25
L2500767-13	PARCELB-20-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/08/25 10:10	01/08/25
L2500767-14	PARCELB-20-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/08/25 10:15	01/08/25
L2500767-15	PARCELB-19-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/08/25 10:35	01/08/25
L2500767-16	PARCELB-19-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/08/25 10:40	01/08/25
L2500767-17	PARCELB-18-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/08/25 11:55	01/08/25
L2500767-18	PARCELB-18-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/08/25 12:00	01/08/25

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Case Narrative (continued)

Report Submission

January 16, 2025: This final report includes the results of all requested analyses.

January 15, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2500767-03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2500767-03: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (142%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2500767-09: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (256%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Total Metals

L2500767-02, -04, -06, -08, -10, -12, -14, -16, and -18: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2019511-3 MS recovery, performed on L2500767-02, is outside the acceptance criteria for lead (67%). A post digestion spike was performed and yielded an unacceptable recovery of 67%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 01/16/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-01
 Client ID: PARCELB-10-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 10:40
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/13/25 18:27
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.0014		mg/kg	0.00056	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00056	0.00033	1
Ethylbenzene	0.00070	J	mg/kg	0.0011	0.00016	1
p/m-Xylene	0.00098	J	mg/kg	0.0022	0.00062	1
o-Xylene	0.0047		mg/kg	0.0011	0.00032	1
Xylenes, Total	0.0057	J	mg/kg	0.0011	0.00032	1
Isopropylbenzene	0.0020		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.0011	J	mg/kg	0.0022	0.00022	1
1,2,4-Trimethylbenzene	0.0030		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-03
 Client ID: PARCELB-15-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 11:15
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 17:32
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	ND		mg/kg	0.033	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.067	0.017	1
Toluene	ND		mg/kg	0.067	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.033	0.020	1
Ethylbenzene	0.078		mg/kg	0.067	0.0094	1
p/m-Xylene	0.064	J	mg/kg	0.13	0.037	1
o-Xylene	0.049	J	mg/kg	0.067	0.019	1
Xylenes, Total	0.11	J	mg/kg	0.067	0.019	1
Isopropylbenzene	0.86		mg/kg	0.067	0.0073	1
1,3,5-Trimethylbenzene	0.050	J	mg/kg	0.13	0.013	1
1,2,4-Trimethylbenzene	0.22		mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	142	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-05
 Client ID: PARCELB-14-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 12:20
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 17:53
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00049	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00098	0.00025	1
Toluene	ND		mg/kg	0.00098	0.00053	1
1,2-Dibromoethane	ND		mg/kg	0.00049	0.00029	1
Ethylbenzene	ND		mg/kg	0.00098	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00055	1
o-Xylene	ND		mg/kg	0.00098	0.00028	1
Xylenes, Total	ND		mg/kg	0.00098	0.00028	1
Isopropylbenzene	ND		mg/kg	0.00098	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-07
 Client ID: PARCELB-16-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:10
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/13/25 18:53
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0025	0.00025	1
Benzene	0.00077		mg/kg	0.00062	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00032	1
Toluene	ND		mg/kg	0.0012	0.00068	1
1,2-Dibromoethane	ND		mg/kg	0.00062	0.00037	1
Ethylbenzene	0.00022	J	mg/kg	0.0012	0.00018	1
p/m-Xylene	0.0028		mg/kg	0.0025	0.00070	1
o-Xylene	0.0015		mg/kg	0.0012	0.00036	1
Xylenes, Total	0.0043		mg/kg	0.0012	0.00036	1
Isopropylbenzene	0.00037	J	mg/kg	0.0012	0.00014	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0025	0.00024	1
1,2,4-Trimethylbenzene	0.00083	J	mg/kg	0.0025	0.00042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	124		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-09
 Client ID: PARCELB-17-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:25
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/14/25 16:19
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00093	0.00024	1
Toluene	ND		mg/kg	0.00093	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	ND		mg/kg	0.00093	0.00013	1
p/m-Xylene	ND		mg/kg	0.0019	0.00052	1
o-Xylene	ND		mg/kg	0.00093	0.00027	1
Xylenes, Total	ND		mg/kg	0.00093	0.00027	1
Isopropylbenzene	0.00014	J	mg/kg	0.00093	0.00010	1
1,3,5-Trimethylbenzene	0.00020	J	mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	256	Q	70-130
Dibromofluoromethane	84		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-11
 Client ID: PARCELB-21-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 09:00
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 18:56
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00059	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00032	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0022	0.00061	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-13
 Client ID: PARCELB-20-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:10
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 19:17
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00055	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00055	0.00032	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0022	0.00061	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-15
 Client ID: PARCELB-19-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:35
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 19:38
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0017	0.00017	1
Benzene	ND		mg/kg	0.00042	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.00085	0.00022	1
Toluene	ND		mg/kg	0.00085	0.00046	1
1,2-Dibromoethane	ND		mg/kg	0.00042	0.00025	1
Ethylbenzene	ND		mg/kg	0.00085	0.00012	1
p/m-Xylene	ND		mg/kg	0.0017	0.00048	1
o-Xylene	ND		mg/kg	0.00085	0.00025	1
Xylenes, Total	ND		mg/kg	0.00085	0.00025	1
Isopropylbenzene	ND		mg/kg	0.00085	0.00009	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0017	0.00016	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0017	0.00028	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-17
 Client ID: PARCELB-18-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 11:55
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/10/25 19:59
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00047	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00093	0.00024	1
Toluene	ND		mg/kg	0.00093	0.00051	1
1,2-Dibromoethane	ND		mg/kg	0.00047	0.00027	1
Ethylbenzene	ND		mg/kg	0.00093	0.00013	1
p/m-Xylene	ND		mg/kg	0.0019	0.00052	1
o-Xylene	ND		mg/kg	0.00093	0.00027	1
Xylenes, Total	ND		mg/kg	0.00093	0.00027	1
Isopropylbenzene	ND		mg/kg	0.00093	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/10/25 16:30
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2019307-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/10/25 16:30
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,11,13,15,17 Batch: WG2019308-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/13/25 13:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,07 Batch: WG2019701-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/14/25 10:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2019715-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	88		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2019307-3 WG2019307-4								
Methyl tert butyl ether	89		102		66-130	14		30
Benzene	97		106		70-130	9		30
1,2-Dichloroethane	90		103		70-130	13		30
Toluene	98		105		70-130	7		30
1,2-Dibromoethane	91		104		70-130	13		30
Ethylbenzene	98		104		70-130	6		30
p/m-Xylene	101		109		70-130	8		30
o-Xylene	98		106		70-130	8		30
Isopropylbenzene	100		105		70-130	5		30
1,3,5-Trimethylbenzene	99		105		70-130	6		30
1,2,4-Trimethylbenzene	98		104		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	97		106		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11,13,15,17 Batch: WG2019308-3 WG2019308-4								
Methyl tert butyl ether	89		102		66-130	14		30
Benzene	97		106		70-130	9		30
1,2-Dichloroethane	90		103		70-130	13		30
Toluene	98		105		70-130	7		30
1,2-Dibromoethane	91		104		70-130	13		30
Ethylbenzene	98		104		70-130	6		30
p/m-Xylene	101		109		70-130	8		30
o-Xylene	98		106		70-130	8		30
Isopropylbenzene	100		105		70-130	5		30
1,3,5-Trimethylbenzene	99		105		70-130	6		30
1,2,4-Trimethylbenzene	98		104		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	97		106		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,07 Batch: WG2019701-3 WG2019701-4								
Methyl tert butyl ether	85		84		66-130	1		30
Benzene	87		88		70-130	1		30
1,2-Dichloroethane	81		82		70-130	1		30
Toluene	87		87		70-130	0		30
1,2-Dibromoethane	95		95		70-130	0		30
Ethylbenzene	90		91		70-130	1		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	93		95		70-130	2		30
Isopropylbenzene	92		92		70-130	0		30
1,3,5-Trimethylbenzene	90		91		70-130	1		30
1,2,4-Trimethylbenzene	91		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	95		95		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2019715-3 WG2019715-4								
Methyl tert butyl ether	81		93		66-130	14		30
Benzene	98		104		70-130	6		30
1,2-Dichloroethane	98		100		70-130	2		30
Toluene	104		99		70-130	5		30
1,2-Dibromoethane	104		105		70-130	1		30
Ethylbenzene	102		97		70-130	5		30
p/m-Xylene	104		96		70-130	8		30
o-Xylene	104		97		70-130	7		30
Isopropylbenzene	102		100		70-130	2		30
1,3,5-Trimethylbenzene	102		107		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		109		70-130
Toluene-d8	110		108		70-130
4-Bromofluorobenzene	101		106		70-130
Dibromofluoromethane	101		104		70-130



SEMIVOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-02
 Client ID: PARCELB-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 10:45
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/09/25 12:53
 Analyst: SMZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.30		mg/kg	0.038	0.023	1
Fluorene	0.38		mg/kg	0.19	0.018	1
Phenanthrene	0.75		mg/kg	0.11	0.023	1
Anthracene	0.31		mg/kg	0.11	0.037	1
Pyrene	1.0		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.65		mg/kg	0.11	0.021	1
Chrysene	0.98		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.51		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.57		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.48		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	52		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-04
 Client ID: PARCELB-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 11:20
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/09/25 13:17
 Analyst: SMZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.40		mg/kg	0.038	0.023	1
Fluorene	1.5		mg/kg	0.19	0.018	1
Phenanthrene	4.6		mg/kg	0.11	0.023	1
Anthracene	0.49		mg/kg	0.11	0.037	1
Pyrene	0.72		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.44		mg/kg	0.11	0.021	1
Chrysene	0.58		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.34		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.38		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.56		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	55		30-120
4-Terphenyl-d14	64		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-06
 Client ID: PARCELB-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 12:25
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/09/25 13:41
 Analyst: SMZ
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.085		mg/kg	0.041	0.025	1
Fluorene	0.057	J	mg/kg	0.20	0.020	1
Phenanthrene	0.23		mg/kg	0.12	0.025	1
Anthracene	0.069	J	mg/kg	0.12	0.040	1
Pyrene	0.39		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.42		mg/kg	0.12	0.023	1
Chrysene	0.52		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.59		mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.53		mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.46		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		30-120
4-Terphenyl-d14	65		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-08
 Client ID: PARCELB-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:15
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/10/25 18:57
 Analyst: JG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.62		mg/kg	0.037	0.022	1
Fluorene	0.69		mg/kg	0.18	0.018	1
Phenanthrene	1.4		mg/kg	0.11	0.022	1
Anthracene	0.30		mg/kg	0.11	0.036	1
Pyrene	0.72		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.43		mg/kg	0.11	0.021	1
Chrysene	0.78		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.34		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.41		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.48		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	52		30-120
4-Terphenyl-d14	48		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-10
 Client ID: PARCELB-17-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:30
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/09/25 14:29
 Analyst: SMZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.10		mg/kg	0.038	0.023	1
Fluorene	0.22		mg/kg	0.19	0.018	1
Phenanthrene	1.4		mg/kg	0.11	0.023	1
Anthracene	0.46		mg/kg	0.11	0.037	1
Pyrene	1.6		mg/kg	0.11	0.019	1
Benzo(a)anthracene	1.0		mg/kg	0.11	0.021	1
Chrysene	1.1		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	1.1		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.97		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	1.1		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	80		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-12
 Client ID: PARCELB-21-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 09:05
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 13:26
 Analyst: CMM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.054		mg/kg	0.037	0.023	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	0.14		mg/kg	0.11	0.023	1
Anthracene	0.036	J	mg/kg	0.11	0.036	1
Pyrene	0.21		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.14		mg/kg	0.11	0.021	1
Chrysene	0.14		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.18		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.20		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	77		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-14
 Client ID: PARCELB-20-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:15
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 13:50
 Analyst: CMM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.022	1
Fluorene	ND		mg/kg	0.18	0.018	1
Phenanthrene	0.035	J	mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.12		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.075	J	mg/kg	0.11	0.021	1
Chrysene	0.073	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.12		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.086	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.069	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	64		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-16
 Client ID: PARCELB-19-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:40
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 14:13
 Analyst: CMM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.022	1
Fluorene	ND		mg/kg	0.18	0.018	1
Phenanthrene	ND		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	ND		mg/kg	0.11	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.021	1
Chrysene	ND		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-18
 Client ID: PARCELB-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 12:00
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 14:36
 Analyst: CMM
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11		mg/kg	0.041	0.025	1
Fluorene	0.026	J	mg/kg	0.21	0.020	1
Phenanthrene	0.34		mg/kg	0.12	0.025	1
Anthracene	0.11	J	mg/kg	0.12	0.040	1
Pyrene	0.60		mg/kg	0.12	0.021	1
Benzo(a)anthracene	0.44		mg/kg	0.12	0.023	1
Chrysene	0.46		mg/kg	0.12	0.022	1
Benzo(b)fluoranthene	0.68		mg/kg	0.12	0.035	1
Benzo(a)pyrene	0.52		mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.43		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	66		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/09/25 10:17
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/08/25 18:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG2017886-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Anthracene	ND		mg/kg	0.098	0.032
Pyrene	ND		mg/kg	0.098	0.016
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Chrysene	ND		mg/kg	0.098	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/11/25 12:16
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12,14,16,18 Batch: WG2018539-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.17	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG2017886-2 WG2017886-3								
Naphthalene	74		72		40-140	3		50
Fluorene	80		74		40-140	8		50
Phenanthrene	78		72		40-140	8		50
Anthracene	82		76		40-140	8		50
Pyrene	80		74		35-142	8		50
Benzo(a)anthracene	80		74		40-140	8		50
Chrysene	82		75		40-140	9		50
Benzo(b)fluoranthene	80		74		40-140	8		50
Benzo(a)pyrene	89		82		40-140	8		50
Benzo(ghi)perylene	84		78		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		78		25-120
Phenol-d6	82		76		10-120
Nitrobenzene-d5	84		77		23-120
2-Fluorobiphenyl	80		71		30-120
2,4,6-Tribromophenol	91		78		10-136
4-Terphenyl-d14	87		77		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12,14,16,18 Batch: WG2018539-2 WG2018539-3								
Naphthalene	73		75		40-140	3		50
Fluorene	80		82		40-140	2		50
Phenanthrene	76		78		40-140	3		50
Anthracene	78		79		40-140	1		50
Pyrene	80		81		35-142	1		50
Benzo(a)anthracene	77		78		40-140	1		50
Chrysene	77		78		40-140	1		50
Benzo(b)fluoranthene	84		82		40-140	2		50
Benzo(a)pyrene	87		87		40-140	0		50
Benzo(ghi)perylene	82		83		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		74		25-120
Phenol-d6	71		73		10-120
Nitrobenzene-d5	72		72		23-120
2-Fluorobiphenyl	79		81		30-120
2,4,6-Tribromophenol	92		93		10-136
4-Terphenyl-d14	79		82		18-120



METALS



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-02
 Client ID: PARCELB-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 10:45
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	164		mg/kg	4.35	0.233	2	01/14/25 10:54	01/14/25 13:09	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-04
 Client ID: PARCELB-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 11:20
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	116		mg/kg	4.54	0.243	2	01/14/25 10:54	01/14/25 13:58	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-06
 Client ID: PARCELB-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 12:25
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	125		mg/kg	4.72	0.253	2	01/14/25 10:54	01/14/25 14:04	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-08
 Client ID: PARCELB-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:15
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	353		mg/kg	21.7	1.16	10	01/14/25 10:54	01/14/25 14:55	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-10
 Client ID: PARCELB-17-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:30
 Date Received: 01/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	973		mg/kg	4.47	0.240	2	01/14/25 10:54	01/14/25 14:17	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-12
 Client ID: PARCELB-21-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 09:05
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	127		mg/kg	4.38	0.234	2	01/14/25 10:54	01/14/25 14:23	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-14
 Client ID: PARCELB-20-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:15
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	11.1		mg/kg	4.36	0.234	2	01/14/25 10:54	01/14/25 14:30	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-16
 Client ID: PARCELB-19-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:40
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6.28		mg/kg	4.30	0.230	2	01/14/25 10:54	01/14/25 14:36	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-18
 Client ID: PARCELB-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 12:00
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	304		mg/kg	9.94	0.533	4	01/14/25 10:54	01/14/25 16:21	EPA 3050B	1,6010D	JMF



Project Name: BDH
 Project Number: P044.003.001

Lab Number: L2500767
 Report Date: 01/16/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10,12,14,16,18 Batch: WG2019511-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/14/25 10:54	01/14/25 12:56	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18 Batch: WG2019511-2								
Lead, Total	104		-		80-120	-		



Matrix Spike Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18 QC Batch ID: WG2019511-3 QC Sample: L2500767-02 Client ID: PARCELB-10-C1-COMP												
Lead, Total	164	46.2	195	67	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18 QC Batch ID: WG2019511-4 QC Sample: L2500767-02 Client ID: PARCELB-10-C1-COMP						
Lead, Total	164	160	mg/kg	2		20

**Lab Serial Dilution
Analysis
Batch Quality Control**

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18 QC Batch ID: WG2019511-6 QC Sample: L2500767-02 Client ID: PARCELB-10-C1-COMP						
Lead, Total	164	163	mg/kg	1		20



INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-01
Client ID: PARCELB-10-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 10:40
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-02
Client ID: PARCELB-10-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 10:45
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-03
Client ID: PARCELB-15-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 11:15
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-04
Client ID: PARCELB-15-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 11:20
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-05
Client ID: PARCELB-14-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 12:20
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-06
Client ID: PARCELB-14-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 12:25
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-07
Client ID: PARCELB-16-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:10
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	01/08/25 11:23	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-08
Client ID: PARCELB-16-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:15
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	01/08/25 11:54	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-09
Client ID: PARCELB-17-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:25
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	01/08/25 11:54	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-10
Client ID: PARCELB-17-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/07/25 13:30
Date Received: 01/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	01/08/25 11:54	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-11
Client ID: PARCELB-21-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 09:00
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-12
 Client ID: PARCELB-21-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 09:05
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-13
Client ID: PARCELB-20-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:10
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-14
Client ID: PARCELB-20-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:15
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-15
Client ID: PARCELB-19-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:35
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-16
Client ID: PARCELB-19-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 10:40
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-17
Client ID: PARCELB-18-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 11:55
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

SAMPLE RESULTS

Lab ID: L2500767-18
 Client ID: PARCELB-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 12:00
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2017647-1 QC Sample: L2500698-01 Client ID: DUP Sample						
Solids, Total	82.4	84.0	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG2017652-1 QC Sample: L2500767-08 Client ID: PARCELB-16-C1-COMP						
Solids, Total	87.9	86.0	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 11-18 QC Batch ID: WG2018047-1 QC Sample: L2500767-11 Client ID: PARCELB-21-C1-VOC						
Solids, Total	92.7	92.0	%	1		20

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500767-01A	Vial MeOH preserved	A	NA		3.6	Y	Absent		PA-8260HLW(14)
L2500767-01B	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-01C	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-01D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2500767-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2500767-02B	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2500767-03A	Vial MeOH preserved	A	NA		3.6	Y	Absent		PA-8260HLW(14)
L2500767-03B	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-03C	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-03D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2500767-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2500767-04B	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2500767-05A	Vial MeOH preserved	A	NA		3.6	Y	Absent		PA-8260HLW(14)
L2500767-05B	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-05C	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-05D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2500767-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2500767-06B	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2500767-07A	Vial MeOH preserved	A	NA		3.6	Y	Absent		PA-8260HLW(14)
L2500767-07B	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-07C	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-07D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)

Project Name: BDH**Lab Number:** L2500767**Project Number:** P044.003.001**Report Date:** 01/16/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500767-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2500767-08B	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2500767-09A	Vial MeOH preserved	A	NA		3.6	Y	Absent		PA-8260HLW(14)
L2500767-09B	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-09C	Vial water preserved	A	NA		3.6	Y	Absent	08-JAN-25 08:52	PA-8260HLW(14)
L2500767-09D	Plastic 120ml unpreserved	A	NA		3.6	Y	Absent		TS(7)
L2500767-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2500767-10B	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2500767-11A	Vial MeOH preserved	B	NA		3.3	Y	Absent		PA-8260HLW(14)
L2500767-11B	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-11C	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-11D	Plastic 120ml unpreserved	B	NA		3.3	Y	Absent		TS(7)
L2500767-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L2500767-12B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2500767-13A	Vial MeOH preserved	B	NA		3.3	Y	Absent		PA-8260HLW(14)
L2500767-13B	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-13C	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-13D	Plastic 120ml unpreserved	B	NA		3.3	Y	Absent		TS(7)
L2500767-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L2500767-14B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2500767-15A	Vial MeOH preserved	B	NA		3.3	Y	Absent		PA-8260HLW(14)
L2500767-15B	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-15C	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-15D	Plastic 120ml unpreserved	B	NA		3.3	Y	Absent		TS(7)
L2500767-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L2500767-16B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2500767-17A	Vial MeOH preserved	B	NA		3.3	Y	Absent		PA-8260HLW(14)
L2500767-17B	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)

Project Name: BDH
Project Number: P044.003.001

Serial_No:01162516:39
Lab Number: L2500767
Report Date: 01/16/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2500767-17C	Vial water preserved	B	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2500767-17D	Plastic 120ml unpreserved	B	NA		3.3	Y	Absent		TS(7)
L2500767-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L2500767-18B	Glass 120ml/4oz unpreserved	B	NA		3.3	Y	Absent		TS(7),PA-PAH(14)



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2500767
Report Date: 01/16/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Alpha SOP 23528

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

L2500767 14JAN25
TERRAPHASE

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
(Chain of Custody is a TERRAPHASE DOCUMENT - Complete all relevant fields)

LAB USE ONLY



Scan QR Code for instructions

Company Name: Terraphase Engineering Inc.
 Project Name: BDH
 Customer Project #: P044.001.001
 Site Collection Info/Facility ID (if applicable):
3144 W. Passyunk Ave, Philadelphia PA

Contact/Report To: Nick Scala
 Phone #: 609 238 8471 x92
 E-Mail: nick_scala@terraphase.com
 Fx E-Mail: alexander.atrohi@terraphase.com

Invoice to:
 Invoice E-mail:
 Purchase Order # (if applicable):
 Quote #:
 County / State origin of sample(s):

Time Zone Collected: AK PT MT CT ET

Data Deliverables:
 Level 1 Level 2 Level 3
 EOUS
 Other

Regulatory Program (DWR, RCRA, etc.) as applicable: Notable Yes No

Hush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____

Date Results Requested: _____

DW PWSID # or WW Permit # as applicable: _____

Field Filtered (if applicable): Yes No

Analysis: _____

* Matrix Codes: (Insert in Matrix Box Below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL), Soil/Solid (SL), DIRT, Wipe (WP), Tissue (TS), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SD)

Specify Container Size **
 B 10 10 _____

Identify Container Preservative Type***
 1 1 1 _____

Analysis Requested

Shortlist 1-5 VOCs (8260)
 Shortlist 1-5 SVOCs (8270)
 Lead (6010)

Pro: Mgr:
 Acct Num / Client ID:
 Table #:
 Printer / Timeout:
 Printing / Bottle Ord. #:

Sample Comment

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Counts:		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Results	Units				
Parcel B-10-C1-VOC	So	G	1/7/25	10:40	1/7/25	10:40	4			X			
Parcel B-10-C1-comp	So	C	1/7/25	10:45	1/7/25	10:45	2				X	X	
Parcel B-15-C1-VOC	So	G	1/7/25	11:15	1/7/25	11:15	4			X			
Parcel B-15-C1-comp	So	C	1/7/25	11:20	1/7/25	11:20	2				X	X	
Parcel B-14-C1-VOC	So	G	1/7/25	12:20	1/7/25	12:20	4			X			
Parcel B-14-C1-comp	So	C	1/7/25	12:25	1/7/25	12:25	2				X	X	
Parcel B-16-C1-VOC	So	G	1/7/25	13:10	1/7/25	13:10	4			X			
Parcel B-16-C1-comp	So	C	1/7/25	13:15	1/7/25	13:15	2				X	X	
Parcel B-17-C1-VOC	So	G	1/7/25	13:25	1/7/25	13:25	4			X			
Parcel B-17-C1-comp	So	C	1/7/25	13:30	1/7/25	13:30	2				X	X	

Additional Instructions from Pace®: Lab Job # 8 L250 0151
 Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
 Signature: *S. Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company: Signature <i>Maria Moura TEI</i>	Date/Time 1/7/25 1445	Received by/Company: Signature <i>Nicolaou PALE</i>	Date/Time 1/7/25 1445	Tracking Number:
Received by/Company: Signature <i>Nicolaou PALE</i>	Date/Time 1/7/25 1525	Received by/Company: Signature <i>Anthony Green</i>	Date/Time 1/7/25 1525	Ordered SV: <input type="checkbox"/> 100 <input type="checkbox"/> 200 <input type="checkbox"/> 300
Received by/Company: Signature <i>Anthony Green</i>	Date/Time 1/7/25 0100	Received by/Company: Signature <i>Anthony Green</i>	Date/Time 1/7/25 0100	Ordered SV: <input type="checkbox"/> 100 <input type="checkbox"/> 200 <input type="checkbox"/> 300

2 of 1

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields.

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x82
 Customer Project #: P044-001-001 E-MAIL: nick.scala@terraphase.com
 Project Name: BDH CC E-Mail: alexander.strohl@terraphase.com
 Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA Invoice to:
 Invoice E-mail:
 Purchase Order # (if applicable):
 Quote #:
 Time Zone Collected: AK PT MT CT ET County/State origin of sample(s):

LAB USE ONLY - Affix Workorder/Login Label Here
 QR Code: [Image] L2500767
 Scan QR Code for Instructions

Specify Container Size **
 8 20 30
 Identify Container Preservative Type***
 1 2 3
 Analysis Requested

*** Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 105mL, (6) 45mL vol, (7) 60mL, (8) 30mL, (9) 50mL, (10) Other
 *** Preservative Types (1) None, (2) HClO4, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) HNO3/HCl, (8) H2O2/Ascorbic Acid, (9) Ascorbic Acid, (10) MnCl2, (11) Other

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day Day 2 Day 3 Day Other _____ DW PWSID # or WW Permit # as applicable:
 Date Results Requested: Field Filtered (if applicable): Yes No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SE), Sludge (SL), Cook (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine	Shortlist 1-5 VOCs (8280)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
Parcel B-21-C1-VOC	So	G	1/8/25	9:00	1/8/25	9:00	4		X			
Parcel B-21-C1-comp		C		9:05		9:05	2		X	X		
Parcel B-20-C1-VOC		G		10:10		10:10	4		X			
Parcel B-20-C1-comp		C		10:15		10:15	2		X	X		
Parcel B-19-C1-VOC		G		10:35		10:35	4		X			
Parcel B-19-C1-comp		C		10:40		10:40	2		X	X		
Parcel B-18-C1-VOC		G		11:55		11:55	4		X			
Parcel B-18-C1-comp		C		12:00		12:00	2		X	X		

Additional Instructions from Pace: Alpha Job # L2500767
 Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chubb
 Printed Name: [Signature]
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:
 # Sample: Thermometer ID: Detection Pass (Y/N) Site Temp (C) Critical Temp (C) # Sheds

Received by/Company/Signature: [Signature] Date/Time: 01-08-2025 1510
 Received by/Company/Signature: [Signature] Date/Time: 01-08-2025 1846
 Received by/Company/Signature: [Signature] Date/Time: 1-9-25 0050
 Received by/Company/Signature: [Signature] Date/Time: 1-8-25 22:30
 Received by/Company/Signature: [Signature] Date/Time: 1-8-25 0050

Tracking Number: [Blank]
 Generated by: Person Diurnal
 FWER UPS Other
 Page: 1 of 1

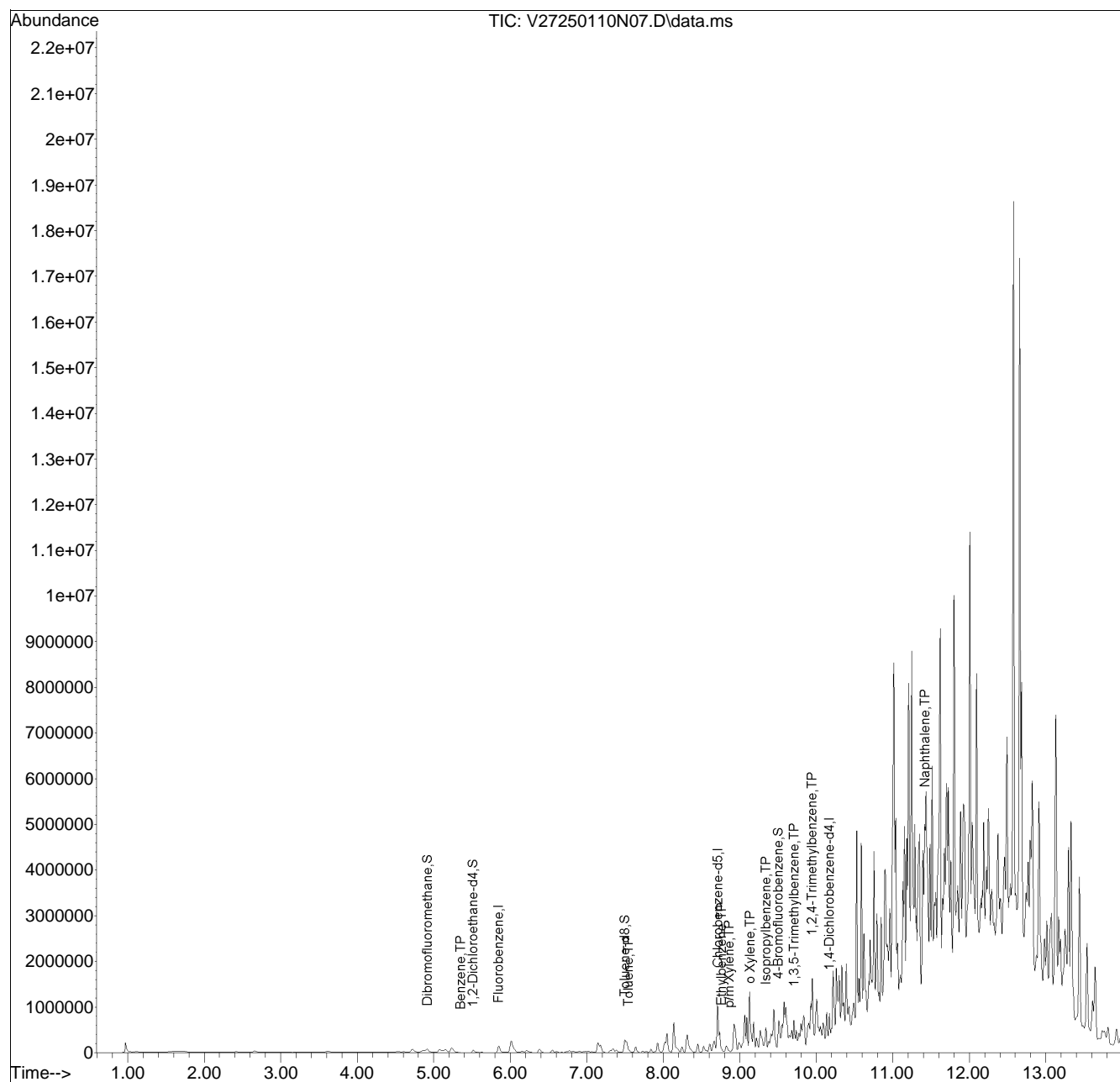
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacebhs.com/hubfs/pace-standard-terms.pdf>
 01109/25-0240

Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250110N\
 Data File : V27250110N07.D
 Acq On : 10 Jan 2025 05:32 pm
 Operator : VOA127:JIC
 Sample : L2500767-03,31H,4.76,5,0.100,,A,30.23,35.49,0
 Misc : WG2019307,ICAL21864
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 13 08:49:20 2025
 Quant Method : K:\VOA127\2025\250110N\V127_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 11:28:11 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list110N01.D•

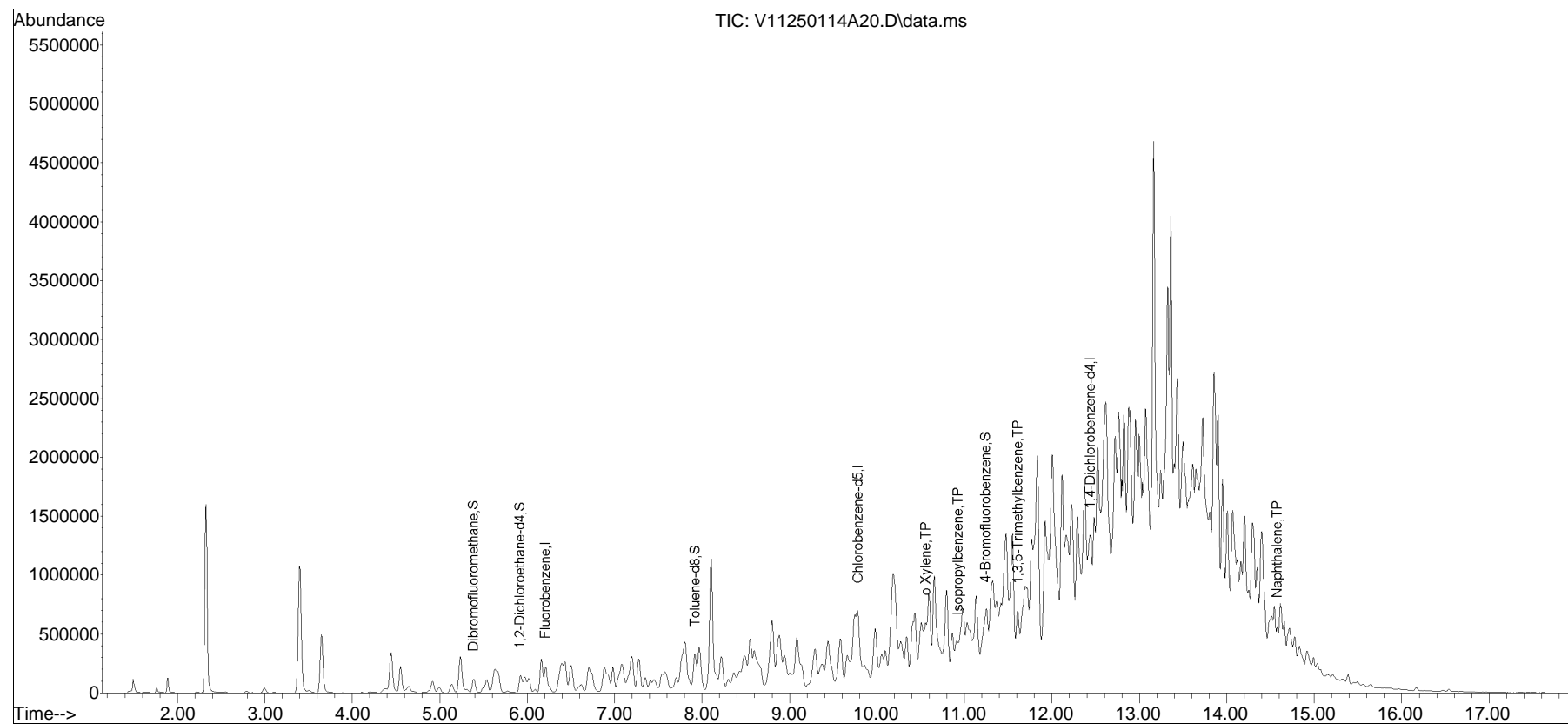


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250114A\
Data File : V11250114A20.D
Acq On : 14 Jan 2025 04:19 pm
Operator : VOA111:JIC
Sample : L2500767-09,31,6.24,5,,B,32.67,39.16,0.25
Misc : WG2019715,ICAL21553
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 15 10:27:01 2025
Quant Method : K:\VOA111\2025\250114A\V111_241001N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 02 10:11:55 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list114A01.D•





ANALYTICAL REPORT

Lab Number:	L2501137
Client:	Terraphase Engineering Inc. 1100 Canal Pointe Boulevard Suite 100 Princeton, NJ 08540
ATTN:	Nick Scala
Phone:	(609) 236-8171
Project Name:	BDH
Project Number:	P044.003.001
Report Date:	01/21/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501137-01	402-MA3-1-03-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/08/25 13:30	01/08/25
L2501137-02	402-MA3-1-03-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/08/25 13:35	01/08/25
L2501137-03	403-MA3-1-01-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/09/25 09:05	01/09/25
L2501137-04	403-MA3-1-01-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/09/25 09:10	01/09/25
L2501137-05	403-MA3-1-04-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/09/25 11:35	01/09/25
L2501137-06	403-MA3-1-04-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/09/25 11:40	01/09/25
L2501137-07	403-MA3-1-10-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/09/25 13:55	01/09/25
L2501137-08	403-MA3-1-10-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/09/25 14:00	01/09/25
L2501137-09	403-MA3-1-07-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/09/25 14:55	01/09/25
L2501137-10	403-MA3-1-07-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/09/25 15:00	01/09/25
L2501137-11	403-MA3-1-05-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 09:30	01/10/25
L2501137-12	403-MA3-1-05-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 09:35	01/10/25
L2501137-13	403-MA3-1-06-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 10:40	01/10/25
L2501137-14	403-MA3-1-06-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 10:45	01/10/25
L2501137-15	403-MA3-1-12-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 11:20	01/10/25
L2501137-16	403-MA3-1-12-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 11:25	01/10/25
L2501137-17	403-MA3-1-16-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 12:05	01/10/25
L2501137-18	403-MA3-1-16-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 12:10	01/10/25
L2501137-19	403-MA3-1-15-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 13:15	01/10/25
L2501137-20	403-MA3-1-15-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 13:20	01/10/25
L2501137-21	403-MA3-1-11-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/10/25 13:24	01/10/25
L2501137-22	403-MA3-1-11-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/10/25 13:50	01/10/25

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Case Narrative (continued)

Report Revision

January 21, 2025: The Client IDs were amended on L2501137-01 and -02.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2501137-03: The internal standard (IS) response(s) for fluorobenzene (33%), chlorobenzene-d5 (33%), and 1,4-dichlorobenzene-d4 (35%), and the surrogate recovery for 1,2-dichloroethane-d4 (138%) were outside the acceptance criteria; however, re-analysis results could not be reproted. With the client's authorization, a sample aliquot was taken from an unpreserved container (inappropriate plastic) and preserved appropriately. The criteria were achieved upon analysis of the aliquot. The results of both analyses are reported; however, since the IS response was below method criteria (but not <20% of applicable calibration standard area counts), all associated compounds are considered to have a potentially high bias.

L2501137-07: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (153%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2501137-09: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (247%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2501137-11D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (151%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2501137-15D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (132%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Case Narrative (continued)

L2501137-17D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (149%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2501137-19: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2501137-19: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (191%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2501137-21D2: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

L2501137-02D, -12D, -18D, and -20D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2501137-08D: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

Total Metals

L2501137-02, -04, -06, -08, -10, -12, -14, -16, -18, -20, and -22: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2020436-3 MS recovery for lead (0%), performed on L2501137-16, does not apply because the sample concentration is greater than four times the spike amount added.

The WG2020436-4 Laboratory Duplicate RPD for lead (92%), performed on L2501137-16, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 01/21/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-01
 Client ID: 402-MA3-1-03-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 13:30
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 03:43
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00018	1
Benzene	ND		mg/kg	0.00045	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00090	0.00023	1
Toluene	ND		mg/kg	0.00090	0.00049	1
1,2-Dibromoethane	ND		mg/kg	0.00045	0.00026	1
Ethylbenzene	ND		mg/kg	0.00090	0.00013	1
p/m-Xylene	ND		mg/kg	0.0018	0.00050	1
o-Xylene	ND		mg/kg	0.00090	0.00026	1
Xylenes, Total	ND		mg/kg	0.00090	0.00026	1
Isopropylbenzene	ND		mg/kg	0.00090	0.00009	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0018	0.00017	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0018	0.00030	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	131	Q	70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-03
 Client ID: 403-MA3-1-01-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:05
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 04:09
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00024	1
Benzene	ND		mg/kg	0.00060	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00031	1
Toluene	ND		mg/kg	0.0012	0.00065	1
1,2-Dibromoethane	ND		mg/kg	0.00060	0.00035	1
Ethylbenzene	ND		mg/kg	0.0012	0.00017	1
p/m-Xylene	ND		mg/kg	0.0024	0.00067	1
o-Xylene	ND		mg/kg	0.0012	0.00035	1
Xylenes, Total	ND		mg/kg	0.0012	0.00035	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0024	0.00023	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0024	0.00040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	138	Q	70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	118		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-03 R
 Client ID: 403-MA3-1-01-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:05
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 16:16
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00055	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00055	0.00032	1
Ethylbenzene	ND		mg/kg	0.0011	0.00016	1
p/m-Xylene	ND		mg/kg	0.0022	0.00062	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-05
 Client ID: 403-MA3-1-04-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 11:35
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 05:06
 Analyst: JIC
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-07
 Client ID: 403-MA3-1-10-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 13:55
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 18:57
 Analyst: JIC
 Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.21	0.021	1
Benzene	0.044	J	mg/kg	0.053	0.018	1
1,2-Dichloroethane	ND		mg/kg	0.11	0.027	1
Toluene	0.072	J	mg/kg	0.11	0.058	1
1,2-Dibromoethane	ND		mg/kg	0.053	0.031	1
Ethylbenzene	0.10	J	mg/kg	0.11	0.015	1
p/m-Xylene	0.19	J	mg/kg	0.21	0.060	1
o-Xylene	0.28		mg/kg	0.11	0.031	1
Xylenes, Total	0.47	J	mg/kg	0.11	0.031	1
Isopropylbenzene	7.6		mg/kg	0.11	0.012	1
1,3,5-Trimethylbenzene	0.30		mg/kg	0.21	0.020	1
1,2,4-Trimethylbenzene	0.28		mg/kg	0.21	0.036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	153	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-09
 Client ID: 403-MA3-1-07-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 14:55
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 19:23
 Analyst: JIC
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	0.58		mg/kg	0.039	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.079	0.020	1
Toluene	0.24		mg/kg	0.079	0.043	1
1,2-Dibromoethane	ND		mg/kg	0.039	0.023	1
Ethylbenzene	0.11		mg/kg	0.079	0.011	1
p/m-Xylene	2.0		mg/kg	0.16	0.044	1
o-Xylene	0.21		mg/kg	0.079	0.023	1
Xylenes, Total	2.2		mg/kg	0.079	0.023	1
Isopropylbenzene	2.8		mg/kg	0.079	0.0086	1
1,3,5-Trimethylbenzene	0.50		mg/kg	0.16	0.015	1
1,2,4-Trimethylbenzene	10.		mg/kg	0.16	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	130		70-130
4-Bromofluorobenzene	247	Q	70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-11 D2
 Client ID: 403-MA3-1-05-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:30
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 18:05
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	160		mg/kg	8.3	1.4	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-11 D
 Client ID: 403-MA3-1-05-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:30
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 05:32
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.83	0.083	5
Benzene	0.38		mg/kg	0.21	0.069	5
1,2-Dichloroethane	ND		mg/kg	0.41	0.11	5
Toluene	0.38	J	mg/kg	0.41	0.22	5
1,2-Dibromoethane	ND		mg/kg	0.21	0.12	5
Ethylbenzene	0.21	J	mg/kg	0.41	0.058	5
p/m-Xylene	2.7		mg/kg	0.83	0.23	5
o-Xylene	1.3		mg/kg	0.41	0.12	5
Xylenes, Total	4.0		mg/kg	0.41	0.12	5
Isopropylbenzene	11.		mg/kg	0.41	0.045	5
1,3,5-Trimethylbenzene	57.		mg/kg	0.83	0.080	5
1,2,4-Trimethylbenzene	160	E	mg/kg	0.83	0.14	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	151	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-13
 Client ID: 403-MA3-1-06-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 10:40
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 15:50
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00018	1
Benzene	0.00035	J	mg/kg	0.00044	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.00088	0.00022	1
Toluene	ND		mg/kg	0.00088	0.00048	1
1,2-Dibromoethane	ND		mg/kg	0.00044	0.00026	1
Ethylbenzene	0.00017	J	mg/kg	0.00088	0.00012	1
p/m-Xylene	ND		mg/kg	0.0018	0.00049	1
o-Xylene	ND		mg/kg	0.00088	0.00026	1
Xylenes, Total	ND		mg/kg	0.00088	0.00026	1
Isopropylbenzene	0.0081		mg/kg	0.00088	0.00009	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0018	0.00017	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0018	0.00029	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-15 D
 Client ID: 403-MA3-1-12-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 11:20
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 06:24
 Analyst: JIC
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.62	0.063	10
Benzene	2.1		mg/kg	0.16	0.052	10
1,2-Dichloroethane	ND		mg/kg	0.31	0.080	10
Toluene	1.6		mg/kg	0.31	0.17	10
1,2-Dibromoethane	ND		mg/kg	0.16	0.091	10
Ethylbenzene	0.41		mg/kg	0.31	0.044	10
p/m-Xylene	11.		mg/kg	0.62	0.17	10
o-Xylene	0.40		mg/kg	0.31	0.091	10
Xylenes, Total	11.		mg/kg	0.31	0.091	10
Isopropylbenzene	3.8		mg/kg	0.31	0.034	10
1,3,5-Trimethylbenzene	14.		mg/kg	0.62	0.060	10
1,2,4-Trimethylbenzene	43.		mg/kg	0.62	0.10	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	132	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-17 D2
 Client ID: 403-MA3-1-16-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:05
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 17:39
 Analyst: JIC
 Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	160		mg/kg	9.5	1.6	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-17 D
 Client ID: 403-MA3-1-16-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:05
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 06:50
 Analyst: JIC
 Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.95	0.095	5
Benzene	5.2		mg/kg	0.24	0.078	5
1,2-Dichloroethane	ND		mg/kg	0.47	0.12	5
Toluene	7.4		mg/kg	0.47	0.26	5
1,2-Dibromoethane	ND		mg/kg	0.24	0.14	5
Ethylbenzene	2.2		mg/kg	0.47	0.067	5
p/m-Xylene	46.		mg/kg	0.95	0.26	5
o-Xylene	4.6		mg/kg	0.47	0.14	5
Xylenes, Total	51.		mg/kg	0.47	0.14	5
Isopropylbenzene	17.		mg/kg	0.47	0.052	5
1,3,5-Trimethylbenzene	52.		mg/kg	0.95	0.091	5
1,2,4-Trimethylbenzene	140	E	mg/kg	0.95	0.16	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	149	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-19
 Client ID: 403-MA3-1-15-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:15
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 07:16
 Analyst: JIC
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.094	0.0094	1
Benzene	ND		mg/kg	0.023	0.0078	1
1,2-Dichloroethane	ND		mg/kg	0.047	0.012	1
Toluene	ND		mg/kg	0.047	0.025	1
1,2-Dibromoethane	ND		mg/kg	0.023	0.014	1
Ethylbenzene	ND		mg/kg	0.047	0.0066	1
p/m-Xylene	ND		mg/kg	0.094	0.026	1
o-Xylene	0.018	J	mg/kg	0.047	0.014	1
Xylenes, Total	0.018	J	mg/kg	0.047	0.014	1
Isopropylbenzene	1.1		mg/kg	0.047	0.0051	1
1,3,5-Trimethylbenzene	0.014	J	mg/kg	0.094	0.0090	1
1,2,4-Trimethylbenzene	0.044	J	mg/kg	0.094	0.016	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	191	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-21 D2
 Client ID: 403-MA3-1-11-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:24
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/16/25 18:31
 Analyst: JIC
 Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.94	0.094	4
Benzene	16.		mg/kg	0.23	0.078	4
1,2-Dichloroethane	ND		mg/kg	0.47	0.12	4
Toluene	22.		mg/kg	0.47	0.25	4
1,2-Dibromoethane	ND		mg/kg	0.23	0.14	4
Ethylbenzene	40.		mg/kg	0.47	0.066	4
p/m-Xylene	280		mg/kg	0.94	0.26	4
o-Xylene	53.		mg/kg	0.47	0.14	4
Xylenes, Total	330		mg/kg	0.47	0.14	4
Isopropylbenzene	18.		mg/kg	0.47	0.051	4
1,3,5-Trimethylbenzene	83.		mg/kg	0.94	0.090	4
1,2,4-Trimethylbenzene	190	E	mg/kg	0.94	0.16	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	133	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-21 D
 Client ID: 403-MA3-1-11-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:24
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/15/25 07:42
 Analyst: JIC
 Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	190		mg/kg	2.3	0.39	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/14/25 22:05
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03,05 Batch: WG2020163-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/14/25 22:05
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11,15,17,19,21 Batch: WG2020167-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/16/25 10:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,13 Batch: WG2020632-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/16/25 10:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07,09,11,17,21 Batch: WG2020936-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03,05 Batch: WG2020163-3 WG2020163-4								
Methyl tert butyl ether	95		94		66-130	1		30
Benzene	86		82		70-130	5		30
1,2-Dichloroethane	86		87		70-130	1		30
Toluene	86		82		70-130	5		30
1,2-Dibromoethane	88		89		70-130	1		30
Ethylbenzene	86		83		70-130	4		30
p/m-Xylene	92		89		70-130	3		30
o-Xylene	90		87		70-130	3		30
Isopropylbenzene	98		94		70-130	4		30
1,3,5-Trimethylbenzene	96		92		70-130	4		30
1,2,4-Trimethylbenzene	96		93		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11,15,17,19,21 Batch: WG2020167-3 WG2020167-4								
Methyl tert butyl ether	95		94		66-130	1		30
Benzene	86		82		70-130	5		30
1,2-Dichloroethane	86		87		70-130	1		30
Toluene	86		82		70-130	5		30
1,2-Dibromoethane	88		89		70-130	1		30
Ethylbenzene	86		83		70-130	4		30
p/m-Xylene	92		89		70-130	3		30
o-Xylene	90		87		70-130	3		30
Isopropylbenzene	98		94		70-130	4		30
1,3,5-Trimethylbenzene	96		92		70-130	4		30
1,2,4-Trimethylbenzene	96		93		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	98		97		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,13 Batch: WG2020632-3 WG2020632-4								
Methyl tert butyl ether	104		100		66-130	4		30
Benzene	96		92		70-130	4		30
1,2-Dichloroethane	93		91		70-130	2		30
Toluene	94		91		70-130	3		30
1,2-Dibromoethane	97		95		70-130	2		30
Ethylbenzene	94		91		70-130	3		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	97		95		70-130	2		30
Isopropylbenzene	107		104		70-130	3		30
1,3,5-Trimethylbenzene	104		101		70-130	3		30
1,2,4-Trimethylbenzene	103		101		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	103		96		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07,09,11,17,21 Batch: WG2020936-3 WG2020936-4								
Methyl tert butyl ether	104		100		66-130	4		30
Benzene	96		92		70-130	4		30
1,2-Dichloroethane	93		91		70-130	2		30
Toluene	94		91		70-130	3		30
1,2-Dibromoethane	97		95		70-130	2		30
Ethylbenzene	94		91		70-130	3		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	97		95		70-130	2		30
Isopropylbenzene	107		104		70-130	3		30
1,3,5-Trimethylbenzene	104		101		70-130	3		30
1,2,4-Trimethylbenzene	103		101		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	103		96		70-130
Dibromofluoromethane	98		97		70-130



SEMIVOLATILES

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-02 D
 Client ID: 402-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 13:35
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 20:43
 Analyst: JG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.23	10
Fluorene	ND		mg/kg	1.9	0.18	10
Phenanthrene	ND		mg/kg	1.1	0.23	10
Anthracene	ND		mg/kg	1.1	0.36	10
Pyrene	ND		mg/kg	1.1	0.19	10
Benzo(a)anthracene	ND		mg/kg	1.1	0.21	10
Chrysene	ND		mg/kg	1.1	0.19	10
Benzo(b)fluoranthene	ND		mg/kg	1.1	0.32	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.46	10
Benzo(ghi)perylene	ND		mg/kg	1.5	0.22	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	35		30-120
4-Terphenyl-d14	30		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-04
 Client ID: 403-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:10
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 15:00
 Analyst: CMM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.025	1
Fluorene	ND		mg/kg	0.20	0.020	1
Phenanthrene	ND		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	ND		mg/kg	0.12	0.020	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.023	1
Chrysene	ND		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	69		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-06
 Client ID: 403-MA3-1-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 11:40
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 15:23
 Analyst: CMM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.036	0.022	1
Fluorene	ND		mg/kg	0.18	0.017	1
Phenanthrene	ND		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.020	1
Chrysene	ND		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	87		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-08 D
 Client ID: 403-MA3-1-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 14:00
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 20:53
 Analyst: SLR
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.3		mg/kg	0.63	0.38	15
Fluorene	11.		mg/kg	3.2	0.31	15
Phenanthrene	24.		mg/kg	1.9	0.38	15
Anthracene	2.0		mg/kg	1.9	0.62	15
Pyrene	4.9		mg/kg	1.9	0.31	15
Benzo(a)anthracene	2.4		mg/kg	1.9	0.36	15
Chrysene	5.8		mg/kg	1.9	0.33	15
Benzo(b)fluoranthene	2.1		mg/kg	1.9	0.53	15
Benzo(a)pyrene	1.4	J	mg/kg	2.5	0.77	15
Benzo(ghi)perylene	1.3	J	mg/kg	2.5	0.37	15

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-10
 Client ID: 403-MA3-1-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 15:00
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/11/25 16:10
 Analyst: CMM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.92		mg/kg	0.041	0.025	1
Fluorene	3.6		mg/kg	0.21	0.020	1
Phenanthrene	11.	E	mg/kg	0.12	0.025	1
Anthracene	1.3		mg/kg	0.12	0.040	1
Pyrene	1.7		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.57		mg/kg	0.12	0.023	1
Chrysene	1.1		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.37		mg/kg	0.12	0.035	1
Benzo(a)pyrene	0.35		mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.31		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	51		30-120
4-Terphenyl-d14	48		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-10 D
 Client ID: 403-MA3-1-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 15:00
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/13/25 14:33
 Analyst: SLR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 01/10/25 17:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	13.		mg/kg	0.62	0.12	5

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-12 D
 Client ID: 403-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:35
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 21:01
 Analyst: JG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	5.3		mg/kg	0.39	0.24	10
Fluorene	3.7		mg/kg	1.9	0.19	10
Phenanthrene	12.		mg/kg	1.2	0.24	10
Anthracene	1.1	J	mg/kg	1.2	0.38	10
Pyrene	1.6		mg/kg	1.2	0.19	10
Benzo(a)anthracene	1.0	J	mg/kg	1.2	0.22	10
Chrysene	2.2		mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	0.48	J	mg/kg	1.2	0.33	10
Benzo(a)pyrene	0.76	J	mg/kg	1.6	0.48	10
Benzo(ghi)perylene	0.48	J	mg/kg	1.6	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	142	Q	23-120
2-Fluorobiphenyl	49		30-120
4-Terphenyl-d14	53		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-14
 Client ID: 403-MA3-1-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 10:45
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 21:19
 Analyst: JG
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.036		mg/kg	0.036	0.022	1
Fluorene	0.024	J	mg/kg	0.18	0.018	1
Phenanthrene	0.094	J	mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.086	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.047	J	mg/kg	0.11	0.020	1
Chrysene	0.070	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.048	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.050	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.043	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	47		30-120
4-Terphenyl-d14	51		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-16
 Client ID: 403-MA3-1-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 11:25
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 23:46
 Analyst: JG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.2		mg/kg	0.040	0.024	1
Fluorene	1.7		mg/kg	0.20	0.019	1
Phenanthrene	3.8		mg/kg	0.12	0.024	1
Anthracene	0.72		mg/kg	0.12	0.039	1
Pyrene	0.93		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.24		mg/kg	0.12	0.022	1
Chrysene	0.55		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.27		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.24		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.26		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	52		30-120
4-Terphenyl-d14	56		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-18 D
 Client ID: 403-MA3-1-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:10
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 21:37
 Analyst: JG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.1		mg/kg	0.39	0.24	10
Fluorene	2.1		mg/kg	1.9	0.19	10
Phenanthrene	5.4		mg/kg	1.2	0.24	10
Anthracene	1.2		mg/kg	1.2	0.38	10
Pyrene	1.3		mg/kg	1.2	0.19	10
Benzo(a)anthracene	0.42	J	mg/kg	1.2	0.22	10
Chrysene	0.84	J	mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	0.32	J	mg/kg	1.2	0.32	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.47	10
Benzo(ghi)perylene	0.24	J	mg/kg	1.5	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	27	Q	30-120
4-Terphenyl-d14	25		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-20 D
 Client ID: 403-MA3-1-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:20
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/13/25 15:20
 Analyst: SLR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.6		mg/kg	0.19	0.11	5
Fluorene	5.7		mg/kg	0.94	0.091	5
Phenanthrene	12.		mg/kg	0.56	0.11	5
Anthracene	1.6		mg/kg	0.56	0.18	5
Pyrene	1.8		mg/kg	0.56	0.093	5
Benzo(a)anthracene	0.54	J	mg/kg	0.56	0.10	5
Chrysene	1.1		mg/kg	0.56	0.097	5
Benzo(b)fluoranthene	0.46	J	mg/kg	0.56	0.16	5
Benzo(a)pyrene	0.38	J	mg/kg	0.75	0.23	5
Benzo(ghi)perylene	0.31	J	mg/kg	0.75	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-22
 Client ID: 403-MA3-1-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:50
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/12/25 21:55
 Analyst: JG
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.7		mg/kg	0.046	0.028	1
Fluorene	0.51		mg/kg	0.23	0.022	1
Phenanthrene	1.2		mg/kg	0.14	0.028	1
Anthracene	0.055	J	mg/kg	0.14	0.045	1
Pyrene	0.12	J	mg/kg	0.14	0.023	1
Benzo(a)anthracene	0.056	J	mg/kg	0.14	0.026	1
Chrysene	0.28		mg/kg	0.14	0.024	1
Benzo(b)fluoranthene	0.062	J	mg/kg	0.14	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.18	0.056	1
Benzo(ghi)perylene	0.044	J	mg/kg	0.18	0.027	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	56		30-120
4-Terphenyl-d14	55		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/11/25 12:16
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/10/25 10:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,06,08,10 Batch: WG2018539-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.17	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/12/25 20:59
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 01/11/25 17:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,12,14,16,18,20,22 Batch: WG2018889-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Anthracene	ND		mg/kg	0.098	0.032
Pyrene	ND		mg/kg	0.098	0.016
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Chrysene	ND		mg/kg	0.098	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG2018539-2 WG2018539-3								
Naphthalene	73		75		40-140	3		50
Fluorene	80		82		40-140	2		50
Phenanthrene	76		78		40-140	3		50
Anthracene	78		79		40-140	1		50
Pyrene	80		81		35-142	1		50
Benzo(a)anthracene	77		78		40-140	1		50
Chrysene	77		78		40-140	1		50
Benzo(b)fluoranthene	84		82		40-140	2		50
Benzo(a)pyrene	87		87		40-140	0		50
Benzo(ghi)perylene	82		83		40-140	1		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	72		74		25-120
Phenol-d6	71		73		10-120
Nitrobenzene-d5	72		72		23-120
2-Fluorobiphenyl	79		81		30-120
2,4,6-Tribromophenol	92		93		10-136
4-Terphenyl-d14	79		82		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12,14,16,18,20,22 Batch: WG2018889-2 WG2018889-3								
Naphthalene	62		65		40-140	5		50
Fluorene	62		66		40-140	6		50
Phenanthrene	60		62		40-140	3		50
Anthracene	62		66		40-140	6		50
Pyrene	63		64		35-142	2		50
Benzo(a)anthracene	61		64		40-140	5		50
Chrysene	60		62		40-140	3		50
Benzo(b)fluoranthene	61		64		40-140	5		50
Benzo(a)pyrene	65		66		40-140	2		50
Benzo(ghi)perylene	67		72		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		74		25-120
Phenol-d6	71		70		10-120
Nitrobenzene-d5	68		68		23-120
2-Fluorobiphenyl	64		64		30-120
2,4,6-Tribromophenol	62		61		10-136
4-Terphenyl-d14	64		63		18-120

METALS



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-02
 Client ID: 402-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 13:35
 Date Received: 01/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	40.3		mg/kg	8.77	0.470	4	01/15/25 10:30	01/16/25 10:55	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-04
 Client ID: 403-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:10
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.51		mg/kg	4.90	0.262	2	01/15/25 10:30	01/16/25 09:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-06
 Client ID: 403-MA3-1-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 11:40
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	197		mg/kg	4.22	0.226	2	01/15/25 10:30	01/16/25 09:08	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-08
 Client ID: 403-MA3-1-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 14:00
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3520		mg/kg	5.00	0.268	2	01/15/25 10:30	01/16/25 09:12	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-10
 Client ID: 403-MA3-1-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 15:00
 Date Received: 01/09/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2790		mg/kg	4.77	0.256	2	01/15/25 10:30	01/16/25 10:07	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-12
 Client ID: 403-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:35
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	656		mg/kg	18.5	0.992	8	01/15/25 14:45	01/16/25 13:03	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-14
 Client ID: 403-MA3-1-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 10:45
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	57.1		mg/kg	4.35	0.233	2	01/15/25 14:45	01/15/25 21:59	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-16
 Client ID: 403-MA3-1-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 11:25
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6410		mg/kg	9.41	0.504	4	01/16/25 10:21	01/16/25 13:46	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-18
 Client ID: 403-MA3-1-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:10
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8630		mg/kg	9.02	0.483	4	01/15/25 16:37	01/16/25 19:01	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-20
 Client ID: 403-MA3-1-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:20
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3160		mg/kg	4.46	0.239	2	01/15/25 14:45	01/15/25 22:04	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-22
 Client ID: 403-MA3-1-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:50
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	151		mg/kg	5.59	0.299	2	01/15/25 14:45	01/15/25 22:08	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10 Batch: WG2020052-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/15/25 10:30	01/16/25 08:54	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12,14,20,22 Batch: WG2020157-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/15/25 14:45	01/15/25 20:38	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18 Batch: WG2020215-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/15/25 16:37	01/16/25 11:31	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 16 Batch: WG2020436-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/16/25 10:21	01/16/25 12:17	1,6010D	DHL



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10 Batch: WG2020052-2								
Lead, Total	107		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 12,14,20,22 Batch: WG2020157-2								
Lead, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG2020215-2								
Lead, Total	108		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 16 Batch: WG2020436-2								
Lead, Total	99		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10 QC Batch ID: WG2020052-3 QC Sample: L2501137-02 Client ID: 402-MA3-1-03-C1-COMP												
Lead, Total	40.3	46	83.6	94		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 12,14,20,22 QC Batch ID: WG2020157-3 QC Sample: L2501128-08 Client ID: MS Sample												
Lead, Total	335	45.1	220	0	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG2020215-3 QC Sample: L2501737-01 Client ID: MS Sample												
Lead, Total	259	47.6	235	0	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2020436-3 QC Sample: L2501137-16 Client ID: 403-MA3-1-12-C1-COMP												
Lead, Total	6410	50.1	2880	0	Q	-	-		75-125	-		20



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10 QC Batch ID: WG2020052-4 QC Sample: L2501137-02 Client ID: 402-MA3-1-03-C1-COMP						
Lead, Total	40.3	44.8	mg/kg	11		20
Total Metals - Mansfield Lab Associated sample(s): 12,14,20,22 QC Batch ID: WG2020157-4 QC Sample: L2501128-08 Client ID: DUP Sample						
Lead, Total	335	281	mg/kg	18		20
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG2020215-4 QC Sample: L2501737-01 Client ID: DUP Sample						
Lead, Total	259	207	mg/kg	22	Q	20
Total Metals - Mansfield Lab Associated sample(s): 16 QC Batch ID: WG2020436-4 QC Sample: L2501137-16 Client ID: 403-MA3-1-12-C1-COMP						
Lead, Total	6410	2380	mg/kg	92	Q	20



**Lab Serial Dilution
Analysis
Batch Quality Control**

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12,14,20,22 QC Batch ID: WG2020157-6 QC Sample: L2501128-08 Client ID: DUP Sample						
Lead, Total	335	315	mg/kg	6		20



INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-01
Client ID: 402-MA3-1-03-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 13:30
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-02
Client ID: 402-MA3-1-03-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/08/25 13:35
Date Received: 01/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	01/09/25 12:14	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-03
Client ID: 403-MA3-1-01-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:05
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-04
Client ID: 403-MA3-1-01-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 09:10
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-05
Client ID: 403-MA3-1-04-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 11:35
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-06
Client ID: 403-MA3-1-04-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 11:40
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-07
Client ID: 403-MA3-1-10-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 13:55
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.8		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-08
Client ID: 403-MA3-1-10-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 14:00
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.7		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-09
Client ID: 403-MA3-1-07-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 14:55
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-10
Client ID: 403-MA3-1-07-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/09/25 15:00
Date Received: 01/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	01/10/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-11
Client ID: 403-MA3-1-05-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:30
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-12
Client ID: 403-MA3-1-05-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 09:35
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-13
Client ID: 403-MA3-1-06-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 10:40
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-14
Client ID: 403-MA3-1-06-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 10:45
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-15
Client ID: 403-MA3-1-12-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 11:20
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.6		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-16
Client ID: 403-MA3-1-12-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 11:25
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-17
Client ID: 403-MA3-1-16-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:05
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.3		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-18
Client ID: 403-MA3-1-16-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 12:10
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-19
Client ID: 403-MA3-1-15-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:15
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.9		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-20
Client ID: 403-MA3-1-15-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:20
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	01/14/25 11:37	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-21
Client ID: 403-MA3-1-11-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:24
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.8		%	0.100	NA	1	-	01/14/25 11:51	121,2540G	ROI



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

SAMPLE RESULTS

Lab ID: L2501137-22
Client ID: 403-MA3-1-11-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/10/25 13:50
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.2		%	0.100	NA	1	-	01/14/25 11:51	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2018047-1 QC Sample: L2500767-11 Client ID: DUP Sample						
Solids, Total	92.7	92.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03-10 QC Batch ID: WG2018450-1 QC Sample: L2501137-03 Client ID: 403-MA3-1-01-C1-VOC						
Solids, Total	81.1	81.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 11-20 QC Batch ID: WG2019597-1 QC Sample: L2501137-11 Client ID: 403-MA3-1-05-C1-VOC						
Solids, Total	82.0	86.0	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG2019600-1 QC Sample: L2500312-08 Client ID: DUP Sample						
Solids, Total	92.2	91.5	%	1		20

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501137-01A	Vial MeOH preserved	A	NA		3.3	Y	Absent		PA-8260HLW(14)
L2501137-01B	Vial water preserved	A	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2501137-01C	Vial water preserved	A	NA		3.3	Y	Absent	09-JAN-25 07:34	PA-8260HLW(14)
L2501137-01D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2501137-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		PB-TI(180)
L2501137-02B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2501137-03A	Vial MeOH preserved	B	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501137-03B	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-03C	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-03D	Plastic 120ml unpreserved	B	NA		3.0	Y	Absent		TS(7)
L2501137-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		PB-TI(180)
L2501137-04B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501137-05A	Vial MeOH preserved	B	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501137-05B	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-05C	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-05D	Plastic 120ml unpreserved	B	NA		3.0	Y	Absent		TS(7)
L2501137-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		PB-TI(180)
L2501137-06B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501137-07A	Vial MeOH preserved	B	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501137-07B	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-07C	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501137**Project Number:** P044.003.001**Report Date:** 01/21/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501137-07D	Plastic 120ml unpreserved	B	NA		3.0	Y	Absent		TS(7)
L2501137-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		PB-TI(180)
L2501137-08B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501137-09A	Vial MeOH preserved	B	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501137-09B	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-09C	Vial water preserved	B	NA		3.0	Y	Absent	10-JAN-25 08:16	PA-8260HLW(14)
L2501137-09D	Plastic 120ml unpreserved	B	NA		3.0	Y	Absent		TS(7)
L2501137-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		PB-TI(180)
L2501137-10B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501137-11A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)
L2501137-11B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-11C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-11D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-12A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-12B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)
L2501137-13A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)
L2501137-13B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-13C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-13D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-14A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-14B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)
L2501137-15A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)
L2501137-15B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-15C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-15D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-16A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-16B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)
L2501137-17A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501137**Project Number:** P044.003.001**Report Date:** 01/21/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501137-17B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-17C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-17D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-18A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-18B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)
L2501137-19A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)
L2501137-19B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-19C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-19D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-20A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-20B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)
L2501137-21A	Vial MeOH preserved	C	NA		5.1	Y	Absent		PA-8260HLW(14)
L2501137-21B	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-21C	Vial water preserved	C	NA		5.1	Y	Absent	11-JAN-25 13:12	PA-8260HLW(14)
L2501137-21D	Plastic 120ml unpreserved	C	NA		5.1	Y	Absent		TS(7)
L2501137-22A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		PB-TI(180)
L2501137-22B	Glass 120ml/4oz unpreserved	C	NA		5.1	Y	Absent		TS(7),PA-PAH(14)

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.003.001

Lab Number: L2501137
Report Date: 01/21/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Alpha SOP 23528

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

1 of 1

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a FEMA DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix WorkOrder/Login Label Here
 **L2501137**
 Scan QR Code for instructions.

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: Phone #: 609-236-8171 x82
 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 E-Mail: nick_scala@terraphase.com
 C: E-Mail: alexander.strohl@terraphase.com

Customer Project #: P044.001.001 Invoice to:
 Project Name: BDH Invoice to-mail:
 Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Test Zone Collected: AK PT MT CT ET County / State origin of sample(s):

Data Observables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Level I Level II Level III
 EQUIS Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other: _____ DW PWSID # or WW Permit # as applicable:
 Other: _____ Date Results Requested: Field Filtered (if applicable): Yes No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), OI/DC, Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Canik (CK), Urachate (U), Bioaerob (BA), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Order Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Priority Matrix	Az/Blum / Check ID	Table #	Profile / Template	Prelog / Bottle Grid ID	Sample Comment	
			Date	Time	Date	Time													
402-MA3-1-03-VOC	So	G	1/8/25	13:30	1/8/25	13:30	4			X									
402-MA3-1-03-comp	So	C	1/8/25	13:35	1/8/25	13:35	2				X	X							

Additional instructions from Pace®: **Please send EDDs to EDD@terraphase.com**


Collected By: **Samantha Chubb**
 Printed Name: **Santha Chubb**
 Signature: *Santha Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company (Signature): <i>Santha Chubb</i>	Date/Time: 1/8/25 15:10	Received by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 01-08-25 15:10	Tracking Number:
Relinquished by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 01-08-25 18:46	Received by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 1/8 18:46	Delivered by: <input type="checkbox"/> In Person <input type="checkbox"/> Courier
Relinquished by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 1/8 00:50	Received by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 01-08-25 22:30	<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other
Relinquished by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 01-08-25 00:50	Received by/Company (Signature): <i>Phyllis Pank</i>	Date/Time: 01-08-25 00:50	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/Hub/usa-standard-form.pdf>.

312 19125 0240 01109125-0260

L2501137 16JAN25
TERRAPHASE


Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone:** 609 238 8171 x82
Customer Project #: P044.001.001 **E-Mail:** nick_scala@terraphase.com
Project Name: BDH **CC E-Mail:** alexander.strohl@terraphase.com
Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET **County / State origin of sample(s):**

Data Deliverables: Level I Level II Level III TO15 Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other
Date Results Requested: **DW PWSID for WW Perms if applicable:**
Field Filtered (if applicable): Yes No
Analysis:

Specify Container Size:** # 10 10 10
Specify Container Preservative Type*** 1 1 1
Analysis Requested
 Shortlist 1-5 VOCs (8260) X
 Shortlist 1-5 SVOCs (8270) X X
 Lead (6010) X X

Matrix Codes (Based on Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (S), Oil (O), Wipe (W), Tissue (TS), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SE), Sludge (SL), Caulk (CK), Urachite (U), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Order Result	Initial Order Status	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time							
403-MA3-1-01-CI-VOC	So	G	1/9/25	9:05	1/9/25	9:05	4			X			
403-MA3-1-01-CI-comp		C		9:10		9:10	2				X	X	
403-MA3-1-01-CI-VOC		G		11:35		11:35	4			X			
403-MA3-1-04-CI-comp		C		11:40		11:40	2				X	X	
403-MA3-1-10-CI-VOC		G		13:55		13:55				X			
403-MA3-1-10-CI-comp		C		14:00		14:00					X	X	
403-MA3-1-07-CI-VOC		G		14:55		14:55				X			
403-MA3-1-07-CI-comp		C		15:00		15:00					X	X	

Additional Instructions from Pace: Pace # 8 L250113 F
 Please send EDDs to EDD@terraphase.com
Collected By: Samantha Chubb
Signature: *Samantha Chubb*
Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *Stacy Clark - TEI* **Date/Time:** 1/9/25 15:45
Received by/Company (Signature): *[Signature]* **Date/Time:** 1/9 19:11
Received by/Company (Signature): *[Signature]* **Date/Time:** 1/9 0:15
Received by/Company (Signature): *[Signature]* **Date/Time:** 1/10/25 0:15

Tracking Number: **Received by:** Person Courier
 YTD UPS Other
Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/files/pac-standard-terms.pdf>. ENV-FRM-CORP-0019_v02_110123 ©

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
 Chain-of-Custody is a LHM/DOC/MOET - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x82
 E-Mail: nick.scala@terraphase.com
 Cc E-Mail: alexander.stroh@terraphase.com

Customer Project #: PD44.001.001 Invoice to:
 Project Name: BDH Invoice E-mail:
 Site Collection Info/Facility ID (as applicable): Purchased Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:

Link (line collected): JAK JPT JMT JCT JET County / State origin of sample(s):

Data Deliverables: Regulatory Program (DW, BCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other: DW PWSID # or WW Permit # as applicable:
 Date Results Requested: Field Filtered (if applicable): Yes No
 Analysis: Other: Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Biosay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Crib (CR), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Order		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Preservative non-conformance identified for sample
			Date	Time	Date	Time		Result	Units					
403-MA3-1-05-CI-VOC	So	G	1/10/25	9:30	1/10/25	9:30	4			X				
403-MA3-1-05-CI-comp	So	C		9:35		9:35	2				X	X		
403-MA3-1-06-CI-VOC	So	G		10:40		10:40	4			X				
403-MA3-1-06-CI-comp	So	C		10:45		10:45	2				X	X		
403-MA3-1-12-CI-VOC	So	G		11:20		11:20	4			X				
403-MA3-1-12-CI-comp	So	C		11:25		11:25	2				X	X		
403-MA3-1-16-CI-VOC	So	G		12:05		12:05	4			X				
403-MA3-1-16-CI-comp	So	C		12:10		12:10	2				X	X		
403-MA3-1-15-CI-VOC	So	G		13:15		13:15	4			X				
403-MA3-1-15-CI-comp	So	C		13:20		13:20	2				X	X		

Additional Instructions from Pace®: SDG # - L2501137 Collected By: Samantha Chubb
 Please send EDDs to EDD@terraphase.com Signature: [Signature]

Customer Remarks / Special Comments / Possible Hazards:
 Ozone Temperature Corrosion / Spill Site Temp Demand Temp Other

Received by/Company/Signature: <i>Maxine M...</i> TEI Date/Time: 1/10/25 1425	Received by/Company/Signature: <i>Quinn Pau</i> Date/Time: 1/10/25 1425	Tracing to:
Received by/Company/Signature: <i>any pace</i> Date/Time: 1/10/25 1850	Received by/Company/Signature: <i>Ra</i> Date/Time: 1/10 1858	Delivered by: <input type="checkbox"/> Driver <input type="checkbox"/> Courier
Received by/Company/Signature: <i>Anthony Green</i> Date/Time: 1/10/25 0045	Received by/Company/Signature: <i>Anthony Green</i> Date/Time: JAN 10 2025 21240	<input type="checkbox"/> EDD <input type="checkbox"/> UPS <input type="checkbox"/> Other
Received by/Company/Signature: <i>SC</i> Date/Time: 1/10/25 0245	Received by/Company/Signature: <i>1/10/25 5</i> Date/Time: 1/10/25 0045	Page: 1 of 2


Submitting a sample via this chain-of-custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/public/pas-standard-terms.pdf>. ENV-FRM-CORC-0019_v02_110123 (S)

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA

Contact/Report To: Nick Scala
Phone #: 609 238 8171 x82
E-Mail: nick.scala@terraphase.com
Cx E-Mail: alexander.abroni@terraphase.com

Invoice to:
Invoice E-mail:
Purchase Order # (if applicable):
Quantity:
Country / State origin of sample(s):

LAB USE ONLY - Affix Workorder/Login Label Here

L2501137
L2500
 Scan QR Code for instructions.

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WF), Tissue (TS), Breath (BL), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Sewer (SC), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (8010)	Lab ID/Chain ID	Preservation non-conformance identified for sample
			Date	Time	Date	Time		Result	Units					
403-MA3-1-11-CI-VOC	SO	G	1/10/25	13:45	1/10/25	13:45	4			X				
403-MA3-1-11-CI-comp	SO	C	1/10/25	13:50	1/10/25	13:50	2				X	X		

Additional Instructions from Pace®: SOG # - L2501137
 Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chudko
Printed Name: *S. Chudko*
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *Marina Mrazova*
Date/Time: 1/10/25 1425

Received by/Company (Signature): *Anthony Green*
Date/Time: 1/10/25 1850

Received by/Company (Signature): *Anthony Green*
Date/Time: 1/10/25 0045

Received by/Company (Signature): *[Signature]*
Date/Time: 1/11/25 0245

Tracking number:
Delivered by: Person Courier
 FedEX UPS Other
Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/white/pac-standard-terms.pdf>.

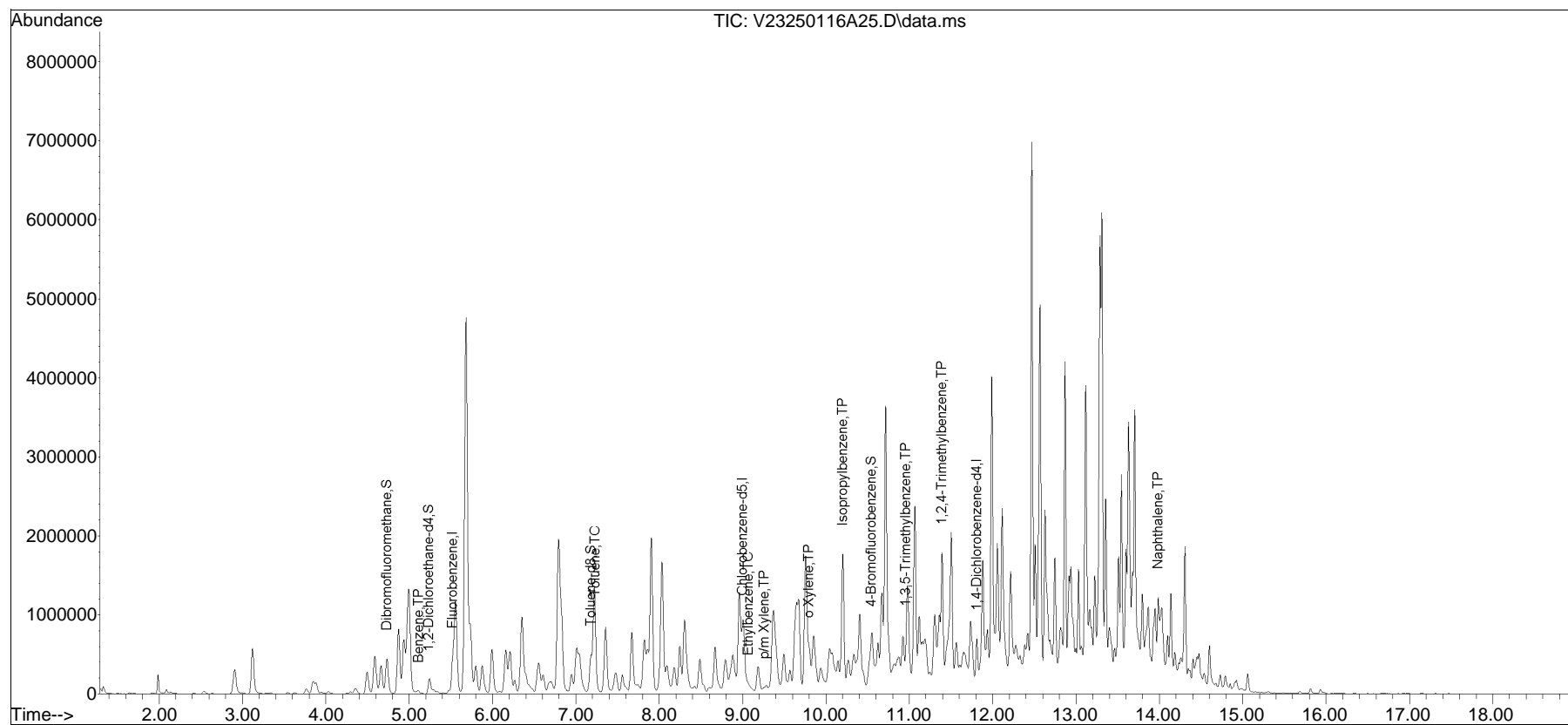
ENV-FRM-CORG-0019_V02_110123 ©

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250116A\
Data File : V23250116A25.D
Acq On : 16 Jan 2025 06:57 pm
Operator : VOA123:JIC
Sample : L2501137-07,31H,4.46,5,0.100,,A,30.28,35.24,0
Misc : WG2020936,ICAL21608
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 17 09:09:08 2025
Quant Method : K:\VOA123\2025\250116A\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list116A01.D•

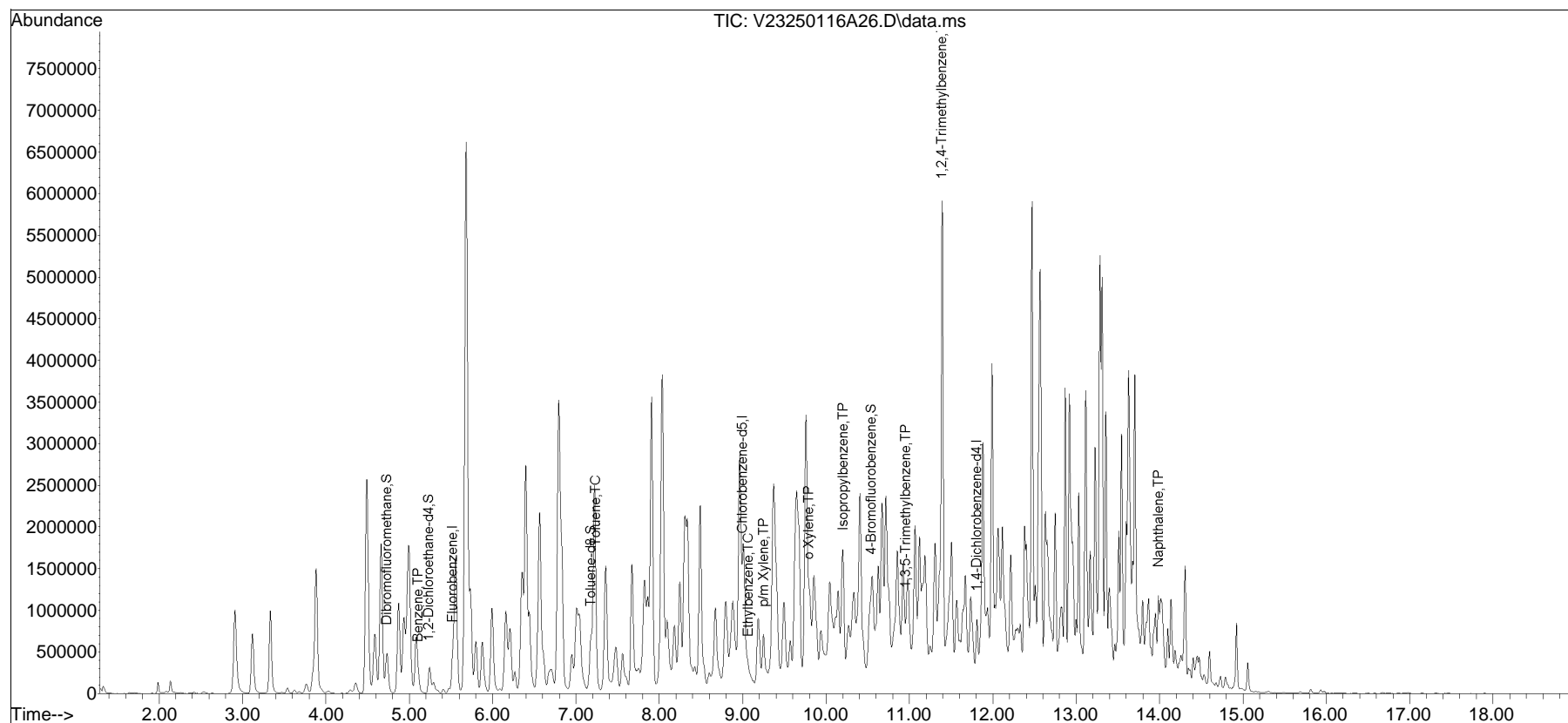


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250116A\
Data File : V23250116A26.D
Acq On : 16 Jan 2025 07:23 pm
Operator : VOA123:JIC
Sample : L2501137-09,31H,5.15,5,0.100,,A,30.42,36.07,0
Misc : WG2020936,ICAL21608
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 17 09:09:22 2025
Quant Method : K:\VOA123\2025\250116A\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list116A01.D•

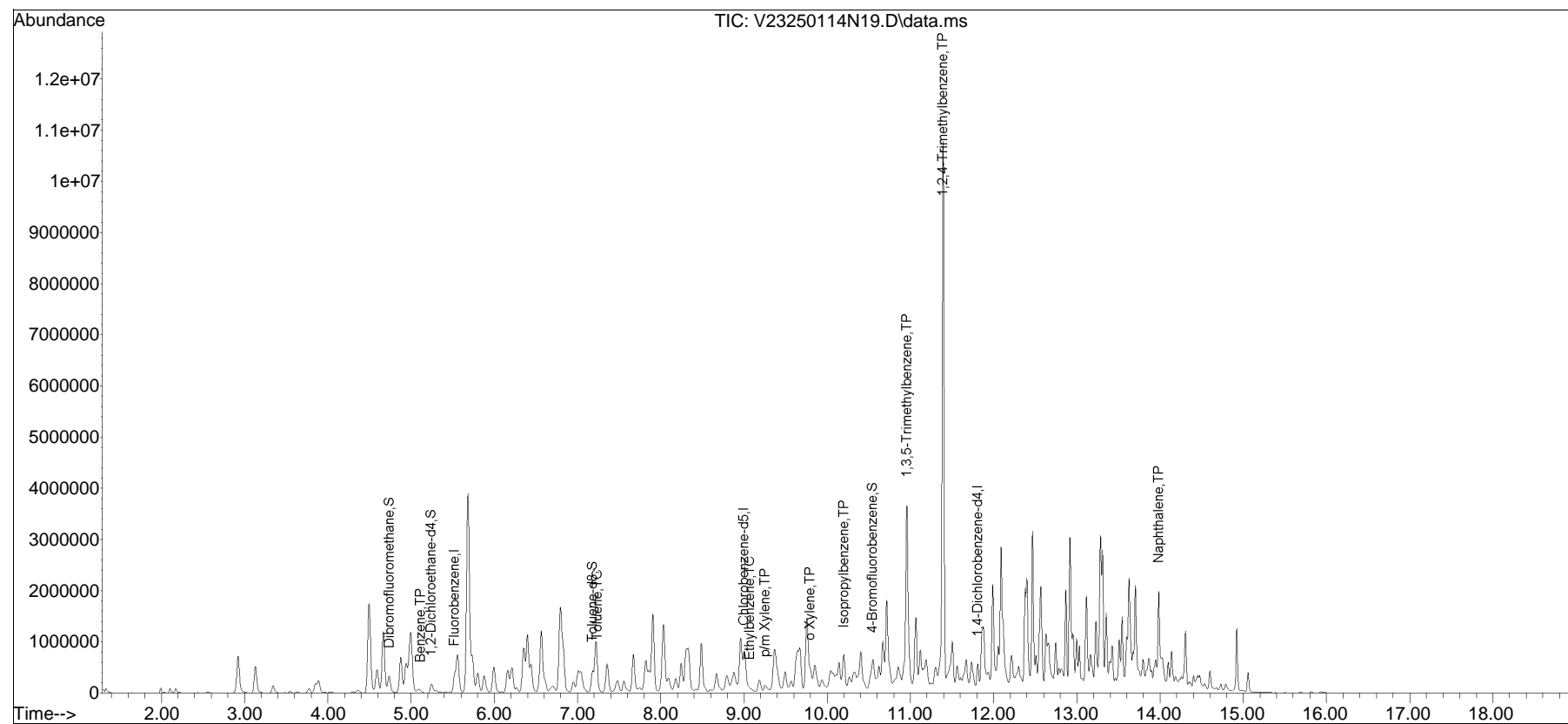


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250114N\
Data File : V23250114N19.D
Acq On : 15 Jan 2025 05:32 am
Operator : VOA123:JIC
Sample : L2501137-11D,31H,4.25,5,0.02,,A,30.31,35.06,0
Misc : WG2020167,ICAL21608
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 15 09:12:29 2025
Quant Method : K:\VOA123\2025\250114N\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list114N01.D•

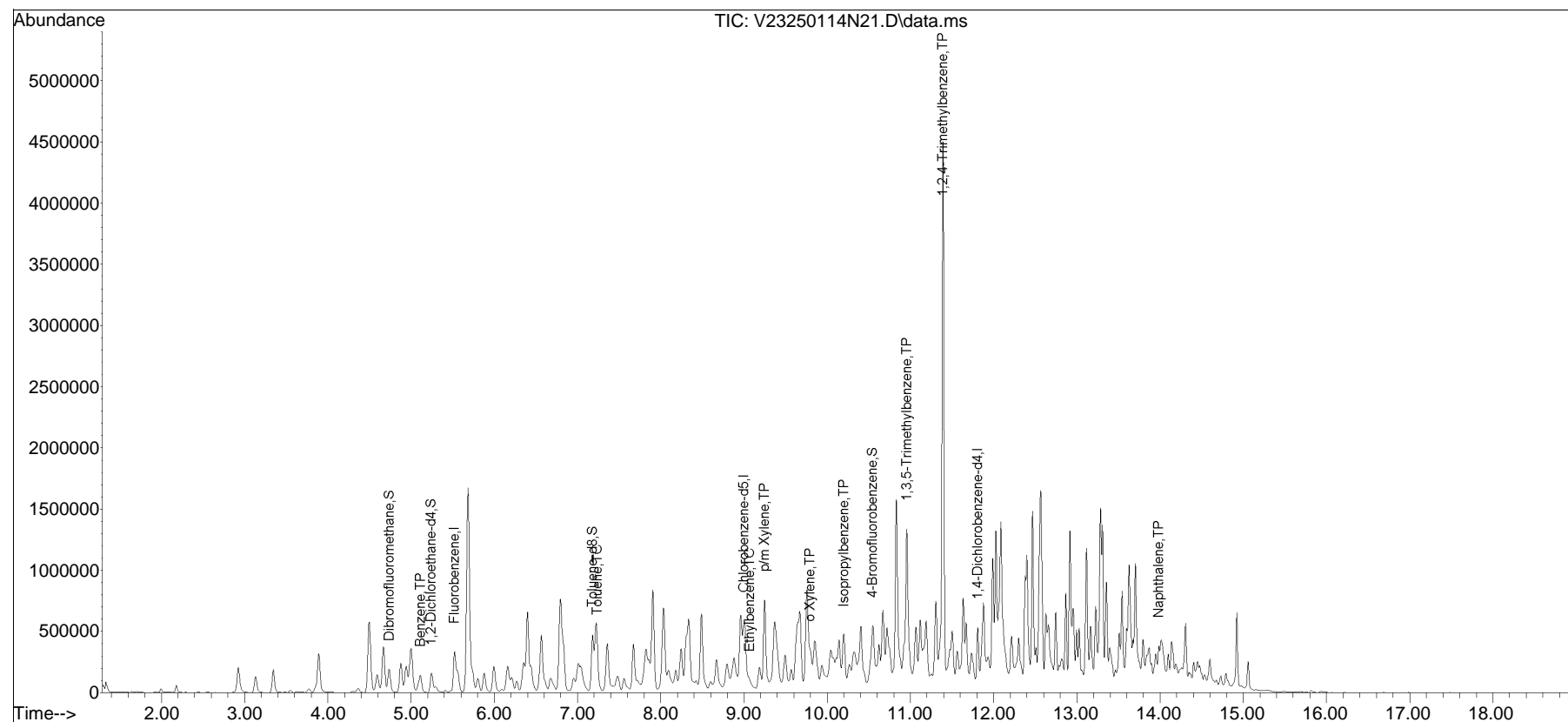


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250114N\
Data File : V23250114N21.D
Acq On : 15 Jan 2025 06:24 am
Operator : VOA123:JIC
Sample : L2501137-15D,31H,34.16,5,0.01,,A,0.36,35.02,0
Misc : WG2020167,ICAL21608
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 15 09:14:12 2025
Quant Method : K:\VOA123\2025\250114N\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list114N01.D•

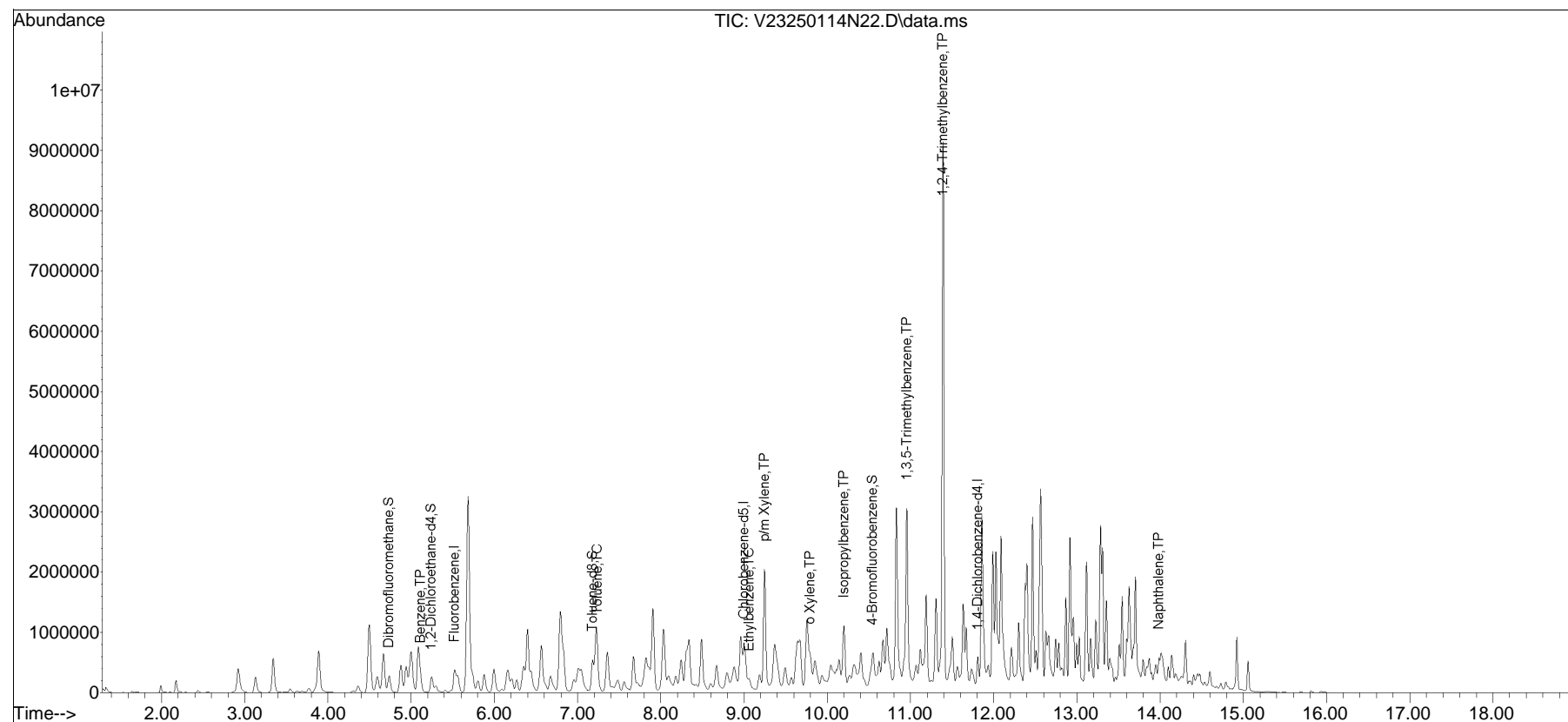


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250114N\
Data File : V23250114N22.D
Acq On : 15 Jan 2025 06:50 am
Operator : VOA123:JIC
Sample : L2501137-17D,31H,4.35,5,0.02,,A,30.17,35.02,0
Misc : WG2020167,ICAL21608
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 15 09:15:04 2025
Quant Method : K:\VOA123\2025\250114N\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list114N01.D•

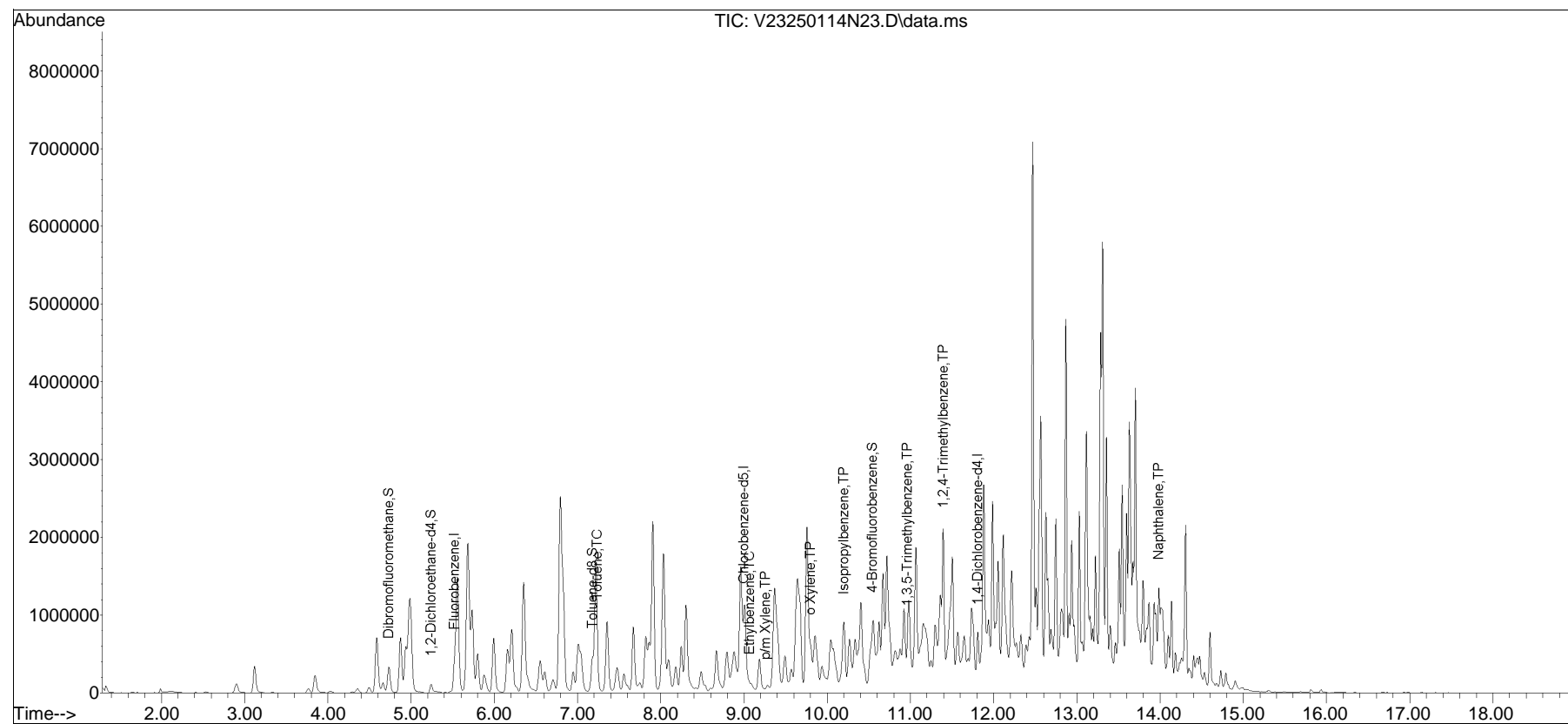


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250114N\
 Data File : V23250114N23.D
 Acq On : 15 Jan 2025 07:16 am
 Operator : VOA123:JIC
 Sample : L2501137-19,31H,5.71,5,0.100,,A,30.27,36.48,0
 Misc : WG2020167,ICAL21608
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 17 13:00:21 2025
 Quant Method : K:\VOA123\2025\250114N\V123_241014A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Oct 15 14:42:06 2024
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list114N01.D•

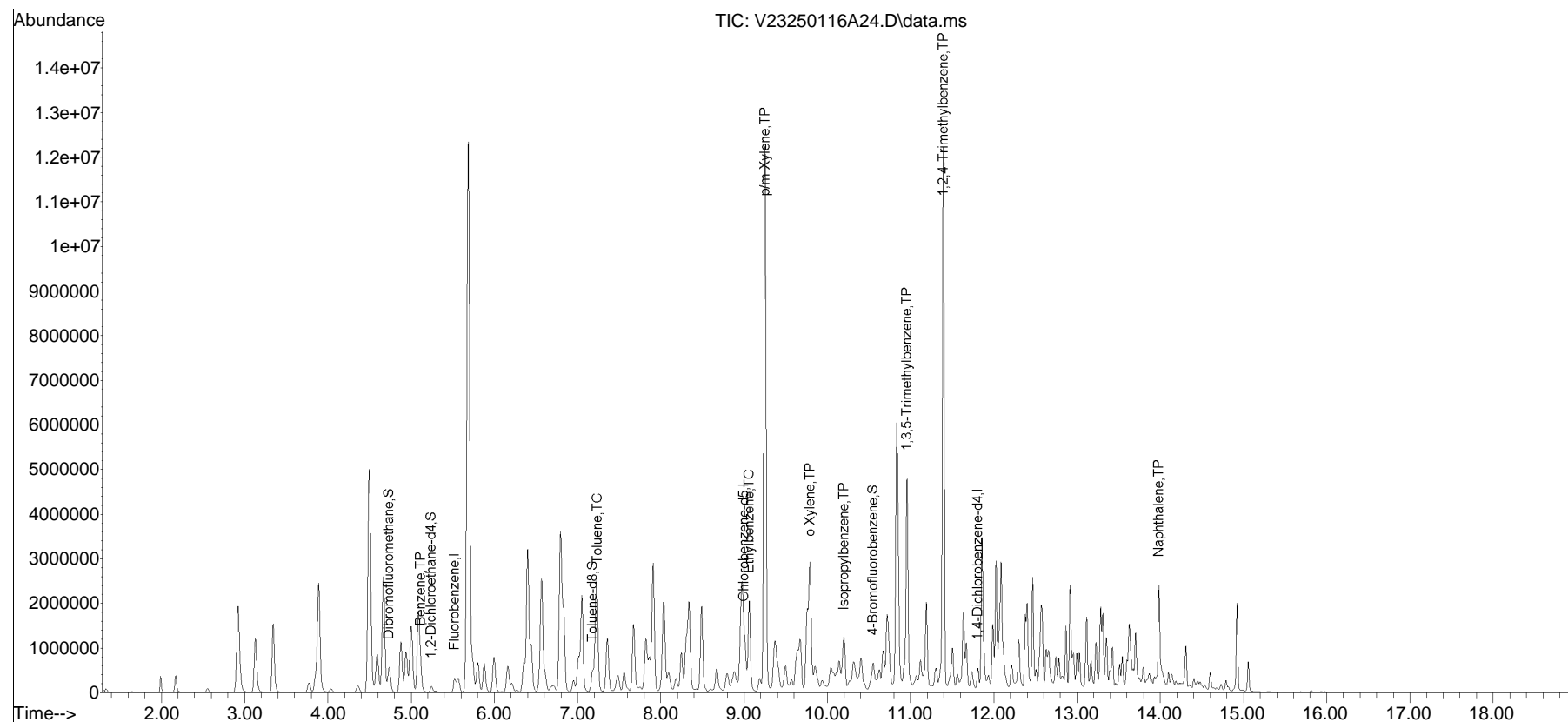


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\250116A\
Data File : V23250116A24.D
Acq On : 16 Jan 2025 06:31 pm
Operator : VOA123:JIC
Sample : L2501137-21D2,31H,3.84,5,0.025,,A,30.40,34.74
Misc : WG2020936,ICAL21608
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 17 07:51:03 2025
Quant Method : K:\VOA123\2025\250116A\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list116A01.D•





ANALYTICAL REPORT

Lab Number:	L2501908
Client:	Terraphase Engineering Inc. 1100 East Hector Street Suite 400 Conshohocken, PA 19428
ATTN:	Nick Scala
Phone:	(215) 297-3502
Project Name:	BDH
Project Number:	P044.001.001
Report Date:	01/24/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501908-01	401-MA3-1-02-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 10:00	01/13/25
L2501908-02	401-MA3-1-02-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 10:05	01/13/25
L2501908-03	401-MA3-1-02-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 10:10	01/13/25
L2501908-04	401-MA3-1-02-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 10:15	01/13/25
L2501908-05	401-MA3-1-03-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 11:45	01/13/25
L2501908-06	401-MA3-1-03-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 11:50	01/13/25
L2501908-07	401-MA3-1-03-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 11:55	01/13/25
L2501908-08	401-MA3-1-03-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:00	01/13/25
L2501908-09	401-MA3-1-03-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:05	01/13/25
L2501908-10	401-MA3-1-03-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:10	01/13/25
L2501908-11	401-MA3-1-03-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:15	01/13/25
L2501908-12	401-MA3-1-03-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:20	01/13/25
L2501908-13	401-MA3-1-03-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:25	01/13/25
L2501908-14	401-MA3-1-03-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 12:30	01/13/25
L2501908-15	401-MA3-1-05-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 14:25	01/13/25
L2501908-16	401-MA3-1-05-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 14:30	01/13/25
L2501908-17	401-MA3-1-40-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 15:10	01/13/25
L2501908-18	401-MA3-1-40-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 15:15	01/13/25
L2501908-19	401-MA3-1-40-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/13/25 15:20	01/13/25
L2501908-20	401-MA3-1-40-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/13/25 15:25	01/13/25
L2501908-21	403-MA3-1-03-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:00	01/14/25
L2501908-22	403-MA3-1-03-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:05	01/14/25
L2501908-23	403-MA3-1-08-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:15	01/14/25
L2501908-24	403-MA3-1-08-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:20	01/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501908-25	403-MA3-1-09-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:35	01/14/25
L2501908-26	403-MA3-1-09-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 10:40	01/14/25
L2501908-27	403-MA3-1-18-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 11:55	01/14/25
L2501908-28	403-MA3-1-18-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 12:00	01/14/25
L2501908-29	403-MA3-1-14-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:00	01/14/25
L2501908-30	403-MA3-1-14-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:05	01/14/25
L2501908-31	403-MA3-1-13-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:20	01/14/25
L2501908-32	403-MA3-1-13-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:25	01/14/25
L2501908-33	401-MA3-1-01-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:50	01/14/25
L2501908-34	401-MA3-1-01-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/14/25 13:55	01/14/25
L2501908-35	404-MA3-1-03-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 09:15	01/15/25
L2501908-36	404-MA3-1-03-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 09:20	01/15/25
L2501908-37	404-MA3-1-02-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 10:35	01/15/25
L2501908-38	404-MA3-1-02-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 10:40	01/15/25
L2501908-39	404-MA3-1-01-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 11:30	01/15/25
L2501908-40	404-MA3-1-01-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 11:35	01/15/25
L2501908-41	404-MA3-1-04-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 12:50	01/15/25
L2501908-42	404-MA3-1-04-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 12:55	01/15/25
L2501908-43	404-MA3-1-05-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 14:30	01/15/25
L2501908-44	404-MA3-1-05-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 14:35	01/15/25
L2501908-45	404-MA3-1-06-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/15/25 14:40	01/15/25
L2501908-46	404-MA3-1-06-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/15/25 14:45	01/15/25
L2501908-47	401-MA3-1-41-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:05	01/16/25
L2501908-48	401-MA3-1-41-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:10	01/16/25
L2501908-49	401-MA3-1-41-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:15	01/16/25
L2501908-50	401-MA3-1-41-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:20	01/16/25
L2501908-51	401-MA3-1-41-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:25	01/16/25
L2501908-52	401-MA3-1-41-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:30	01/16/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501908-53	401-MA3-1-41-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:35	01/16/25
L2501908-54	401-MA3-1-41-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:40	01/16/25
L2501908-55	401-MA3-1-41-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:45	01/16/25
L2501908-56	401-MA3-1-41-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 11:50	01/16/25
L2501908-57	401-MA3-1-42-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:20	01/16/25
L2501908-58	401-MA3-1-42-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:25	01/16/25
L2501908-59	401-MA3-1-42-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:30	01/16/25
L2501908-60	401-MA3-1-42-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:35	01/16/25
L2501908-61	401-MA3-1-42-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:40	01/16/25
L2501908-62	401-MA3-1-42-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:45	01/16/25
L2501908-63	401-MA3-1-42-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:50	01/16/25
L2501908-64	401-MA3-1-42-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 13:55	01/16/25
L2501908-65	401-MA3-1-42-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 14:00	01/16/25
L2501908-66	401-MA3-1-42-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 14:05	01/16/25
L2501908-67	401-MA3-1-43-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:25	01/16/25
L2501908-68	401-MA3-1-43-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:30	01/16/25
L2501908-69	401-MA3-1-43-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:35	01/16/25
L2501908-70	401-MA3-1-43-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:40	01/16/25
L2501908-71	401-MA3-1-43-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:45	01/16/25
L2501908-72	401-MA3-1-43-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:50	01/16/25
L2501908-73	401-MA3-1-43-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 15:55	01/16/25
L2501908-74	401-MA3-1-43-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 16:00	01/16/25
L2501908-75	401-MA3-1-43-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 16:05	01/16/25
L2501908-76	401-MA3-1-43-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 16:10	01/16/25
L2501908-77	401-MA3-1-15-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/16/25 16:15	01/16/25
L2501908-78	401-MA3-1-15-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/16/25 16:20	01/16/25
L2501908-79	401-MA3-1-46-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 09:30	01/17/25
L2501908-80	401-MA3-1-46-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 09:35	01/17/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501908-81	401-MA3-1-46-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 09:40	01/17/25
L2501908-82	401-MA3-1-46-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 09:45	01/17/25
L2501908-83	401-MA3-1-45-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:15	01/17/25
L2501908-84	401-MA3-1-45-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:20	01/17/25
L2501908-85	401-MA3-1-45-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:25	01/17/25
L2501908-86	401-MA3-1-45-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:30	01/17/25
L2501908-87	401-MA3-1-45-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:35	01/17/25
L2501908-88	401-MA3-1-45-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:40	01/17/25
L2501908-89	401-MA3-1-45-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:45	01/17/25
L2501908-90	401-MA3-1-45-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:50	01/17/25
L2501908-91	401-MA3-1-45-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 11:55	01/17/25
L2501908-92	401-MA3-1-45-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:00	01/17/25
L2501908-93	401-MA3-1-48-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:30	01/17/25
L2501908-94	401-MA3-1-48-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:35	01/17/25
L2501908-95	401-MA3-1-48-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:40	01/17/25
L2501908-96	401-MA3-1-48-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:45	01/17/25
L2501908-97	401-MA3-1-48-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:50	01/17/25
L2501908-98	401-MA3-1-48-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 12:55	01/17/25
L2501908-99	401-MA3-1-48-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 13:00	01/17/25
L2501908-100	401-MA3-1-48-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 13:05	01/17/25
L2501908-101	401-MA3-1-49-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:10	01/17/25
L2501908-102	401-MA3-1-49-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:15	01/17/25
L2501908-103	401-MA3-1-49-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:20	01/17/25
L2501908-104	401-MA3-1-49-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:25	01/17/25
L2501908-105	401-MA3-1-49-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:30	01/17/25
L2501908-106	401-MA3-1-49-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:35	01/17/25
L2501908-107	401-MA3-1-47-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:15	01/17/25
L2501908-108	401-MA3-1-47-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:20	01/17/25



Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501908-109	401-MA3-1-47-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:25	01/17/25
L2501908-110	401-MA3-1-47-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:30	01/17/25
L2501908-111	401-MA3-1-47-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:35	01/17/25
L2501908-112	401-MA3-1-47-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:40	01/17/25
L2501908-113	401-MA3-1-47-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:45	01/17/25
L2501908-114	401-MA3-1-47-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:50	01/17/25
L2501908-115	401-MA3-1-47-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 14:55	01/17/25
L2501908-116	401-MA3-1-47-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:00	01/17/25
L2501908-117	401-MA3-1-17-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:40	01/17/25
L2501908-118	401-MA3-1-17-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/17/25 15:45	01/17/25

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2501908-77: The sample was not appropriately preserved for the analysis of Volatile Organics-High Level. The methanol was not covering the soil. An aliquot was taken from an unpreserved container and preserved appropriately.

L2501908-101 through -106, -117, and -118: Analysis of the sample was cancelled at the client's request.

Volatile Organics

L2501908-15, -53, -59, -91, and -93: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Surrogate recoveries for the following samples are outside the acceptance criteria; however, the samples were not re-analyzed due to coelution with an obvious interference. Copies of the chromatograms are included as an attachment to this report:

L2501908-15: 4-bromofluorobenzene (167%)

L2501908-17: toluene-d8 (137%) and 4-bromofluorobenzene (161%)

L2501908-19: toluene-d8 (147%)

L2501908-29: 4-bromofluorobenzene (134%)

L2501908-31: 4-bromofluorobenzene (267%)

L2501908-51: toluene-d8 (152%) and 4-bromofluorobenzene (169%)

L2501908-53: toluene-d8 (184%) and 4-bromofluorobenzene (131%)

L2501908-59: toluene-d8 (190%) and 4-bromofluorobenzene (176%)

L2501908-61: toluene-d8 (262%) and 4-bromofluorobenzene (228%)

L2501908-63: toluene-d8 (359%) and 4-bromofluorobenzene (190%)

L2501908-71D: 4-bromofluorobenzene (142%)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Case Narrative (continued)

L2501908-73: 4-bromofluorobenzene (240%)
L2501908-75: 4-bromofluorobenzene (297%)
L2501908-77: 4-bromofluorobenzene (224%)
L2501908-79: 4-bromofluorobenzene (332%)
L2501908-81D: 4-bromofluorobenzene (217%)
L2501908-87: 4-bromofluorobenzene (199%)
L2501908-89: 4-bromofluorobenzene (138%)
L2501908-91: 4-bromofluorobenzene (144%)
L2501908-93: 4-bromofluorobenzene (145%)
L2501908-95D: 4-bromofluorobenzene (137%)
L2501908-97: 4-bromofluorobenzene (158%)
L2501908-113: toluene-d8 (154%) and 4-bromofluorobenzene (140%)

L2501908-19: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (38%) and the surrogate recoveries for toluene-d8 (1100%), 4-bromofluorobenzene (2440%), and dibromofluoromethane (59%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2501908-49: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2501908-63: The surrogate recovery is outside the method acceptance criteria for dibromofluoromethane (57%) due to interference with the Internal Standard.

L2501908-71D, -81D, and -95D: The sample has elevated detection limits due to the dilution required by the

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Case Narrative (continued)

elevated concentrations of non-target compounds in the sample.

L2501908-73: The sample was not appropriately preserved for the analysis of Volatile Organics-High Level. The methanol was not covering the soil. An aliquot was taken from an unpreserved container and preserved appropriately.

L2501908-77: The surrogate recovery is outside the method acceptance criteria for dibromofluoromethane (64%) due to interference with the Internal Standard.

Semivolatile Organics

L2501908-20D, -50D, -60D, -62D, -64D, -66D, -68D, -72D, -82D, and -84D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2501908-36 and -44: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2501908-90D: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

L2501908-90D: The surrogate recoveries are below the acceptance criteria for nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L2501908-02, -04, -06, -08, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30, -32, -34, -36, -38, -40, -42, -44, -46, -48, -50, -52, -54, -56, -58, -60, -62, -64, -68, -70, -72, -74, -76, -78, -80, -82, -84, -86, -88, -90, -92, -94, -96, -98, -100, -108, -110, -112, -114, and -116: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2020709-3 MS recovery, performed on L2501908-02, is outside the acceptance criteria for lead (280%). A post digestion spike was performed and was within acceptance criteria.

The WG2021066-3 MS recovery for lead (159%), performed on L2501908-42, does not apply because the

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Case Narrative (continued)


sample concentration is greater than four times the spike amount added.

The WG2020709-4 Laboratory Duplicate RPD for lead (66%), performed on L2501908-02, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG2022489-4 Laboratory Duplicate RPD for lead (46%), performed on L2501908-80, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/24/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-01
 Client ID: 401-MA3-1-02-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:00
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 16:58
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0032	0.00032	1
Benzene	0.023		mg/kg	0.00080	0.00026	1
1,2-Dichloroethane	ND		mg/kg	0.0016	0.00041	1
Toluene	0.0031		mg/kg	0.0016	0.00087	1
1,2-Dibromoethane	ND		mg/kg	0.00080	0.00047	1
Ethylbenzene	0.0012	J	mg/kg	0.0016	0.00022	1
p/m-Xylene	0.0040		mg/kg	0.0032	0.00090	1
o-Xylene	ND		mg/kg	0.0016	0.00046	1
Xylenes, Total	0.0040		mg/kg	0.0016	0.00046	1
Isopropylbenzene	0.00067	J	mg/kg	0.0016	0.00017	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0032	0.00031	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0032	0.00053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-03
 Client ID: 401-MA3-1-02-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:10
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 17:24
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.23	0.023	1
Benzene	5.0		mg/kg	0.057	0.019	1
1,2-Dichloroethane	ND		mg/kg	0.11	0.029	1
Toluene	1.1		mg/kg	0.11	0.062	1
1,2-Dibromoethane	ND		mg/kg	0.057	0.033	1
Ethylbenzene	0.23		mg/kg	0.11	0.016	1
p/m-Xylene	0.86		mg/kg	0.23	0.064	1
o-Xylene	0.082	J	mg/kg	0.11	0.033	1
Xylenes, Total	0.94	J	mg/kg	0.11	0.033	1
Isopropylbenzene	0.012	J	mg/kg	0.11	0.012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.23	0.022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.23	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	96		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-05
 Client ID: 401-MA3-1-03-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:45
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 14:23
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00047	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00094	0.00024	1
Toluene	ND		mg/kg	0.00094	0.00051	1
1,2-Dibromoethane	ND		mg/kg	0.00047	0.00027	1
Ethylbenzene	ND		mg/kg	0.00094	0.00013	1
p/m-Xylene	ND		mg/kg	0.0019	0.00052	1
o-Xylene	ND		mg/kg	0.00094	0.00027	1
Xylenes, Total	ND		mg/kg	0.00094	0.00027	1
Isopropylbenzene	0.00016	J	mg/kg	0.00094	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-07
 Client ID: 401-MA3-1-03-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:55
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 14:49
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00055	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00057	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.00030	J	mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-09
 Client ID: 401-MA3-1-03-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:05
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 15:15
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00049	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00098	0.00025	1
Toluene	ND		mg/kg	0.00098	0.00053	1
1,2-Dibromoethane	ND		mg/kg	0.00049	0.00029	1
Ethylbenzene	ND		mg/kg	0.00098	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00055	1
o-Xylene	ND		mg/kg	0.00098	0.00028	1
Xylenes, Total	ND		mg/kg	0.00098	0.00028	1
Isopropylbenzene	0.00011	J	mg/kg	0.00098	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-11
 Client ID: 401-MA3-1-03-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:15
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 15:41
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00055	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00057	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.00046	J	mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	98		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-13
 Client ID: 401-MA3-1-03-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:25
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 16:07
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00057	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-15
 Client ID: 401-MA3-1-05-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 14:25
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 17:50
 Analyst: JIC
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.41		mg/kg	0.036	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.073	0.019	1
Toluene	0.10		mg/kg	0.073	0.039	1
1,2-Dibromoethane	ND		mg/kg	0.036	0.021	1
Ethylbenzene	0.15		mg/kg	0.073	0.010	1
p/m-Xylene	0.50		mg/kg	0.14	0.041	1
o-Xylene	0.059	J	mg/kg	0.073	0.021	1
Xylenes, Total	0.56	J	mg/kg	0.073	0.021	1
Isopropylbenzene	0.80		mg/kg	0.073	0.0079	1
1,3,5-Trimethylbenzene	0.039	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.23		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	167	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-17
 Client ID: 401-MA3-1-40-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:10
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 16:41
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.061		mg/kg	0.029	0.0096	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	0.083		mg/kg	0.058	0.032	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	0.046	J	mg/kg	0.058	0.0082	1
p/m-Xylene	0.16		mg/kg	0.12	0.032	1
o-Xylene	0.078		mg/kg	0.058	0.017	1
Xylenes, Total	0.24		mg/kg	0.058	0.017	1
Isopropylbenzene	1.3		mg/kg	0.058	0.0063	1
1,3,5-Trimethylbenzene	1.4		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	2.7		mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	137	Q	70-130
4-Bromofluorobenzene	161	Q	70-130
Dibromofluoromethane	85		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-19
 Client ID: 401-MA3-1-40-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:20
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 16:32
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	0.00019	J	mg/kg	0.00049	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00098	0.00025	1
Toluene	0.0036		mg/kg	0.00098	0.00053	1
1,2-Dibromoethane	ND		mg/kg	0.00049	0.00029	1
Ethylbenzene	ND		mg/kg	0.00098	0.00014	1
p/m-Xylene	0.021		mg/kg	0.0020	0.00055	1
o-Xylene	0.0079		mg/kg	0.00098	0.00029	1
Xylenes, Total	0.029		mg/kg	0.00098	0.00029	1
Isopropylbenzene	0.89	E	mg/kg	0.00098	0.00011	1
1,3,5-Trimethylbenzene	0.0014	J	mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	1100	Q	70-130
4-Bromofluorobenzene	2440	Q	70-130
Dibromofluoromethane	59	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-19
 Client ID: 401-MA3-1-40-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:20
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 13:12
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	ND		mg/kg	0.030	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.060	0.015	1
Toluene	ND		mg/kg	0.060	0.033	1
1,2-Dibromoethane	ND		mg/kg	0.030	0.018	1
Ethylbenzene	ND		mg/kg	0.060	0.0085	1
p/m-Xylene	0.060	J	mg/kg	0.12	0.034	1
o-Xylene	0.028	J	mg/kg	0.060	0.017	1
Xylenes, Total	0.088	J	mg/kg	0.060	0.017	1
Isopropylbenzene	2.2		mg/kg	0.060	0.0066	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.12	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	147	Q	70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-21
 Client ID: 403-MA3-1-03-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:00
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 15:04
 Analyst: JIC
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00055	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00055	0.00032	1
Ethylbenzene	ND		mg/kg	0.0011	0.00016	1
p/m-Xylene	ND		mg/kg	0.0022	0.00062	1
o-Xylene	ND		mg/kg	0.0011	0.00032	1
Xylenes, Total	ND		mg/kg	0.0011	0.00032	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-23
 Client ID: 403-MA3-1-08-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:15
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 15:26
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.00017	J	mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	ND		mg/kg	0.0010	0.00057	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00031	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
p/m-Xylene	0.0012	J	mg/kg	0.0021	0.00059	1
o-Xylene	0.0012		mg/kg	0.0010	0.00030	1
Xylenes, Total	0.0024	J	mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.0062		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	0.00048	J	mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-25
 Client ID: 403-MA3-1-09-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:35
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 15:49
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	ND		mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0021	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-27
 Client ID: 403-MA3-1-18-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 11:55
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 16:11
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00021	1
Benzene	ND		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-29
 Client ID: 403-MA3-1-14-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:00
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 16:33
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0026	0.00026	1
Benzene	0.00030	J	mg/kg	0.00064	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00033	1
Toluene	ND		mg/kg	0.0013	0.00070	1
1,2-Dibromoethane	ND		mg/kg	0.00064	0.00038	1
Ethylbenzene	0.00026	J	mg/kg	0.0013	0.00018	1
p/m-Xylene	0.0065		mg/kg	0.0026	0.00072	1
o-Xylene	0.0024		mg/kg	0.0013	0.00037	1
Xylenes, Total	0.0089		mg/kg	0.0013	0.00037	1
Isopropylbenzene	0.00035	J	mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	0.00059	J	mg/kg	0.0026	0.00025	1
1,2,4-Trimethylbenzene	0.0017	J	mg/kg	0.0026	0.00043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	134	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-31
 Client ID: 403-MA3-1-13-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:20
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 16:56
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0028	0.00029	1
Benzene	0.00031	J	mg/kg	0.00071	0.00024	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00037	1
Toluene	ND		mg/kg	0.0014	0.00077	1
1,2-Dibromoethane	ND		mg/kg	0.00071	0.00042	1
Ethylbenzene	ND		mg/kg	0.0014	0.00020	1
p/m-Xylene	0.0024	J	mg/kg	0.0028	0.00080	1
o-Xylene	0.0010	J	mg/kg	0.0014	0.00041	1
Xylenes, Total	0.0034	J	mg/kg	0.0014	0.00041	1
Isopropylbenzene	0.015		mg/kg	0.0014	0.00016	1
1,3,5-Trimethylbenzene	0.0012	J	mg/kg	0.0028	0.00027	1
1,2,4-Trimethylbenzene	0.0063		mg/kg	0.0028	0.00048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	267	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-33
 Client ID: 401-MA3-1-01-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:50
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 17:18
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	0.0068		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	0.0013		mg/kg	0.0010	0.00055	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	0.00079	J	mg/kg	0.0010	0.00014	1
p/m-Xylene	0.0070		mg/kg	0.0020	0.00057	1
o-Xylene	0.00074	J	mg/kg	0.0010	0.00030	1
Xylenes, Total	0.0077	J	mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.0048		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	0.0043		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	0.0029		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	85		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-35
 Client ID: 404-MA3-1-03-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 09:15
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 13:38
 Analyst: JIC
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	0.61		mg/kg	0.039	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.078	0.020	1
Toluene	1.4		mg/kg	0.078	0.042	1
1,2-Dibromoethane	ND		mg/kg	0.039	0.023	1
Ethylbenzene	0.55		mg/kg	0.078	0.011	1
p/m-Xylene	1.9		mg/kg	0.16	0.044	1
o-Xylene	0.38		mg/kg	0.078	0.023	1
Xylenes, Total	2.3		mg/kg	0.078	0.023	1
Isopropylbenzene	4.5		mg/kg	0.078	0.0085	1
1,3,5-Trimethylbenzene	0.14	J	mg/kg	0.16	0.015	1
1,2,4-Trimethylbenzene	0.73		mg/kg	0.16	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-37
 Client ID: 404-MA3-1-02-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 10:35
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 11:02
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00024	1
Benzene	ND		mg/kg	0.00061	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00031	1
Toluene	ND		mg/kg	0.0012	0.00066	1
1,2-Dibromoethane	ND		mg/kg	0.00061	0.00036	1
Ethylbenzene	ND		mg/kg	0.0012	0.00017	1
p/m-Xylene	ND		mg/kg	0.0024	0.00068	1
o-Xylene	ND		mg/kg	0.0012	0.00036	1
Xylenes, Total	ND		mg/kg	0.0012	0.00036	1
Isopropylbenzene	0.0029		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0024	0.00024	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0024	0.00041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-39
 Client ID: 404-MA3-1-01-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 11:30
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 11:28
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0026	0.00026	1
Benzene	ND		mg/kg	0.00065	0.00022	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00033	1
Toluene	ND		mg/kg	0.0013	0.00070	1
1,2-Dibromoethane	ND		mg/kg	0.00065	0.00038	1
Ethylbenzene	ND		mg/kg	0.0013	0.00018	1
p/m-Xylene	ND		mg/kg	0.0026	0.00073	1
o-Xylene	ND		mg/kg	0.0013	0.00038	1
Xylenes, Total	ND		mg/kg	0.0013	0.00038	1
Isopropylbenzene	ND		mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0026	0.00025	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0026	0.00043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-41
 Client ID: 404-MA3-1-04-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 12:50
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 08:42
 Analyst: MJV
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00023	1
Benzene	0.00020	J	mg/kg	0.00058	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00030	1
Toluene	ND		mg/kg	0.0012	0.00063	1
1,2-Dibromoethane	ND		mg/kg	0.00058	0.00034	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0023	0.00065	1
o-Xylene	ND		mg/kg	0.0012	0.00034	1
Xylenes, Total	ND		mg/kg	0.0012	0.00034	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0023	0.00039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-43
 Client ID: 404-MA3-1-05-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:30
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 11:54
 Analyst: JIC
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0036	0.00036	1
Benzene	ND		mg/kg	0.00090	0.00030	1
1,2-Dichloroethane	ND		mg/kg	0.0018	0.00046	1
Toluene	ND		mg/kg	0.0018	0.00097	1
1,2-Dibromoethane	ND		mg/kg	0.00090	0.00052	1
Ethylbenzene	ND		mg/kg	0.0018	0.00025	1
p/m-Xylene	ND		mg/kg	0.0036	0.0010	1
o-Xylene	ND		mg/kg	0.0018	0.00052	1
Xylenes, Total	ND		mg/kg	0.0018	0.00052	1
Isopropylbenzene	ND		mg/kg	0.0018	0.00020	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0036	0.00034	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0036	0.00060	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-45
 Client ID: 404-MA3-1-06-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:40
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 09:34
 Analyst: MJV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0017	0.00018	1
Benzene	ND		mg/kg	0.00044	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.00087	0.00022	1
Toluene	ND		mg/kg	0.00087	0.00047	1
1,2-Dibromoethane	ND		mg/kg	0.00044	0.00026	1
Ethylbenzene	ND		mg/kg	0.00087	0.00012	1
p/m-Xylene	ND		mg/kg	0.0017	0.00049	1
o-Xylene	ND		mg/kg	0.00087	0.00025	1
Xylenes, Total	ND		mg/kg	0.00087	0.00025	1
Isopropylbenzene	ND		mg/kg	0.00087	0.00009	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0017	0.00017	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0017	0.00029	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-47
 Client ID: 401-MA3-1-41-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:05
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 12:20
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.00021	J	mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00027	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-49
 Client ID: 401-MA3-1-41-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:15
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 14:56
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.076		mg/kg	0.034	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.068	0.018	1
Toluene	0.18		mg/kg	0.068	0.037	1
1,2-Dibromoethane	ND		mg/kg	0.034	0.020	1
Ethylbenzene	0.33		mg/kg	0.068	0.0096	1
p/m-Xylene	0.68		mg/kg	0.14	0.038	1
o-Xylene	0.11		mg/kg	0.068	0.020	1
Xylenes, Total	0.79		mg/kg	0.068	0.020	1
Isopropylbenzene	1.5		mg/kg	0.068	0.0075	1
1,3,5-Trimethylbenzene	0.088	J	mg/kg	0.14	0.013	1
1,2,4-Trimethylbenzene	1.4		mg/kg	0.14	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	78		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-49
 Client ID: 401-MA3-1-41-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:15
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:52
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00024	1
Benzene	0.0082		mg/kg	0.00060	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00031	1
Toluene	0.0028		mg/kg	0.0012	0.00065	1
1,2-Dibromoethane	ND		mg/kg	0.00060	0.00035	1
Ethylbenzene	0.060		mg/kg	0.0012	0.00017	1
p/m-Xylene	0.011		mg/kg	0.0024	0.00067	1
o-Xylene	0.0063		mg/kg	0.0012	0.00035	1
Xylenes, Total	0.017		mg/kg	0.0012	0.00035	1
Isopropylbenzene	0.14		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	0.0088		mg/kg	0.0024	0.00023	1
1,2,4-Trimethylbenzene	0.91	E	mg/kg	0.0024	0.00040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-51
 Client ID: 401-MA3-1-41-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:25
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 17:07
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.15	0.015	1
Benzene	0.13		mg/kg	0.038	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.076	0.020	1
Toluene	0.20		mg/kg	0.076	0.041	1
1,2-Dibromoethane	ND		mg/kg	0.038	0.022	1
Ethylbenzene	0.14		mg/kg	0.076	0.011	1
p/m-Xylene	0.88		mg/kg	0.15	0.042	1
o-Xylene	0.21		mg/kg	0.076	0.022	1
Xylenes, Total	1.1		mg/kg	0.076	0.022	1
Isopropylbenzene	5.4		mg/kg	0.076	0.0083	1
1,3,5-Trimethylbenzene	0.54		mg/kg	0.15	0.015	1
1,2,4-Trimethylbenzene	1.1		mg/kg	0.15	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	152	Q	70-130
4-Bromofluorobenzene	169	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-53
 Client ID: 401-MA3-1-41-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:35
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 15:22
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	1.6		mg/kg	0.041	0.014	1
1,2-Dichloroethane	ND		mg/kg	0.082	0.021	1
Toluene	0.38		mg/kg	0.082	0.044	1
1,2-Dibromoethane	ND		mg/kg	0.041	0.024	1
Ethylbenzene	0.54		mg/kg	0.082	0.012	1
p/m-Xylene	0.82		mg/kg	0.16	0.046	1
o-Xylene	0.13		mg/kg	0.082	0.024	1
Xylenes, Total	0.95		mg/kg	0.082	0.024	1
Isopropylbenzene	0.69		mg/kg	0.082	0.0089	1
1,3,5-Trimethylbenzene	0.059	J	mg/kg	0.16	0.016	1
1,2,4-Trimethylbenzene	0.19		mg/kg	0.16	0.027	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	184	Q	70-130
4-Bromofluorobenzene	131	Q	70-130
Dibromofluoromethane	81		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-55
 Client ID: 401-MA3-1-41-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:45
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 15:48
 Analyst: JIC
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.037		mg/kg	0.030	0.0098	1
1,2-Dichloroethane	ND		mg/kg	0.059	0.015	1
Toluene	0.034	J	mg/kg	0.059	0.032	1
1,2-Dibromoethane	ND		mg/kg	0.030	0.017	1
Ethylbenzene	0.059		mg/kg	0.059	0.0083	1
p/m-Xylene	1.1		mg/kg	0.12	0.033	1
o-Xylene	0.25		mg/kg	0.059	0.017	1
Xylenes, Total	1.4		mg/kg	0.059	0.017	1
Isopropylbenzene	0.081		mg/kg	0.059	0.0064	1
1,3,5-Trimethylbenzene	3.2		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	1.7		mg/kg	0.12	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	126		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	88		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-57
 Client ID: 401-MA3-1-42-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:20
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 12:46
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00024	1
Benzene	0.00022	J	mg/kg	0.00060	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00031	1
Toluene	ND		mg/kg	0.0012	0.00065	1
1,2-Dibromoethane	ND		mg/kg	0.00060	0.00035	1
Ethylbenzene	0.00027	J	mg/kg	0.0012	0.00017	1
p/m-Xylene	0.0011	J	mg/kg	0.0024	0.00067	1
o-Xylene	0.00050	J	mg/kg	0.0012	0.00035	1
Xylenes, Total	0.0016	J	mg/kg	0.0012	0.00035	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	0.00051	J	mg/kg	0.0024	0.00023	1
1,2,4-Trimethylbenzene	0.0013	J	mg/kg	0.0024	0.00040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-59
 Client ID: 401-MA3-1-42-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:30
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 17:33
 Analyst: JIC
 Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.25	0.025	1
Benzene	0.16		mg/kg	0.062	0.021	1
1,2-Dichloroethane	ND		mg/kg	0.12	0.032	1
Toluene	0.11	J	mg/kg	0.12	0.068	1
1,2-Dibromoethane	ND		mg/kg	0.062	0.036	1
Ethylbenzene	0.091	J	mg/kg	0.12	0.018	1
p/m-Xylene	0.48		mg/kg	0.25	0.070	1
o-Xylene	0.24		mg/kg	0.12	0.036	1
Xylenes, Total	0.72		mg/kg	0.12	0.036	1
Isopropylbenzene	3.5		mg/kg	0.12	0.014	1
1,3,5-Trimethylbenzene	0.070	J	mg/kg	0.25	0.024	1
1,2,4-Trimethylbenzene	0.18	J	mg/kg	0.25	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	190	Q	70-130
4-Bromofluorobenzene	176	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-61
 Client ID: 401-MA3-1-42-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:40
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 16:15
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.28		mg/kg	0.036	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.072	0.019	1
Toluene	0.22		mg/kg	0.072	0.039	1
1,2-Dibromoethane	ND		mg/kg	0.036	0.021	1
Ethylbenzene	0.12		mg/kg	0.072	0.010	1
p/m-Xylene	0.62		mg/kg	0.14	0.040	1
o-Xylene	0.17		mg/kg	0.072	0.021	1
Xylenes, Total	0.79		mg/kg	0.072	0.021	1
Isopropylbenzene	6.3		mg/kg	0.072	0.0079	1
1,3,5-Trimethylbenzene	0.13	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.43		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	262	Q	70-130
4-Bromofluorobenzene	228	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-63
 Client ID: 401-MA3-1-42-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:26
 Analyst: MJV
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.17	0.018	1
Benzene	0.11		mg/kg	0.044	0.014	1
1,2-Dichloroethane	ND		mg/kg	0.087	0.022	1
Toluene	0.39		mg/kg	0.087	0.047	1
1,2-Dibromoethane	ND		mg/kg	0.044	0.026	1
Ethylbenzene	0.25		mg/kg	0.087	0.012	1
p/m-Xylene	5.4		mg/kg	0.17	0.049	1
o-Xylene	1.0		mg/kg	0.087	0.025	1
Xylenes, Total	6.4		mg/kg	0.087	0.025	1
Isopropylbenzene	19.		mg/kg	0.087	0.0095	1
1,3,5-Trimethylbenzene	18.		mg/kg	0.17	0.017	1
1,2,4-Trimethylbenzene	9.2		mg/kg	0.17	0.029	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	359	Q	70-130
4-Bromofluorobenzene	190	Q	70-130
Dibromofluoromethane	57	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-65 D2
 Client ID: 401-MA3-1-42-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:00
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:00
 Analyst: MJV
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	280		mg/kg	7.5	1.3	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-65 D
 Client ID: 401-MA3-1-42-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:00
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 18:25
 Analyst: JIC
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.5	0.15	10
Benzene	12.		mg/kg	0.38	0.12	10
1,2-Dichloroethane	ND		mg/kg	0.75	0.19	10
Toluene	31.		mg/kg	0.75	0.41	10
1,2-Dibromoethane	ND		mg/kg	0.38	0.22	10
Ethylbenzene	82.		mg/kg	0.75	0.11	10
p/m-Xylene	330		mg/kg	1.5	0.42	10
o-Xylene	120		mg/kg	0.75	0.22	10
Xylenes, Total	450		mg/kg	0.75	0.22	10
Isopropylbenzene	27.		mg/kg	0.75	0.082	10
1,3,5-Trimethylbenzene	80.		mg/kg	1.5	0.14	10
1,2,4-Trimethylbenzene	240	E	mg/kg	1.5	0.25	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	88		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-67
 Client ID: 401-MA3-1-43-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:25
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 10:36
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	ND		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	ND		mg/kg	0.00096	0.00014	1
p/m-Xylene	ND		mg/kg	0.0019	0.00054	1
o-Xylene	ND		mg/kg	0.00096	0.00028	1
Xylenes, Total	ND		mg/kg	0.00096	0.00028	1
Isopropylbenzene	ND		mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-69
 Client ID: 401-MA3-1-43-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:35
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 10:10
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	0.00050	J	mg/kg	0.0023	0.00024	1
Benzene	0.0023		mg/kg	0.00058	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00030	1
Toluene	0.0013		mg/kg	0.0012	0.00064	1
1,2-Dibromoethane	ND		mg/kg	0.00058	0.00034	1
Ethylbenzene	0.00066	J	mg/kg	0.0012	0.00016	1
p/m-Xylene	0.0014	J	mg/kg	0.0023	0.00066	1
o-Xylene	0.00042	J	mg/kg	0.0012	0.00034	1
Xylenes, Total	0.0018	J	mg/kg	0.0012	0.00034	1
Isopropylbenzene	0.00022	J	mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	0.00055	J	mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	0.0011	J	mg/kg	0.0023	0.00039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-71 D
 Client ID: 401-MA3-1-43-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:45
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 13:14
 Analyst: AJK
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.3	0.13	10
Benzene	15.		mg/kg	0.32	0.10	10
1,2-Dichloroethane	ND		mg/kg	0.63	0.16	10
Toluene	2.0		mg/kg	0.63	0.34	10
1,2-Dibromoethane	ND		mg/kg	0.32	0.18	10
Ethylbenzene	4.1		mg/kg	0.63	0.089	10
p/m-Xylene	6.0		mg/kg	1.3	0.36	10
o-Xylene	0.95		mg/kg	0.63	0.18	10
Xylenes, Total	7.0		mg/kg	0.63	0.18	10
Isopropylbenzene	14.		mg/kg	0.63	0.069	10
1,3,5-Trimethylbenzene	22.		mg/kg	1.3	0.12	10
1,2,4-Trimethylbenzene	62.		mg/kg	1.3	0.21	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	142	Q	70-130
Dibromofluoromethane	80		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-73
 Client ID: 401-MA3-1-43-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:55
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:53
 Analyst: MJV
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	1.8		mg/kg	0.039	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.078	0.020	1
Toluene	0.10		mg/kg	0.078	0.042	1
1,2-Dibromoethane	ND		mg/kg	0.039	0.023	1
Ethylbenzene	0.26		mg/kg	0.078	0.011	1
p/m-Xylene	0.60		mg/kg	0.16	0.044	1
o-Xylene	0.17		mg/kg	0.078	0.023	1
Xylenes, Total	0.77		mg/kg	0.078	0.023	1
Isopropylbenzene	1.2		mg/kg	0.078	0.0085	1
1,3,5-Trimethylbenzene	0.19		mg/kg	0.16	0.015	1
1,2,4-Trimethylbenzene	0.35		mg/kg	0.16	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	129		70-130
4-Bromofluorobenzene	240	Q	70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-75
 Client ID: 401-MA3-1-43-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:05
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:11
 Analyst: MJV
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.21		mg/kg	0.031	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.062	0.016	1
Toluene	0.081		mg/kg	0.062	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.031	0.018	1
Ethylbenzene	2.3		mg/kg	0.062	0.0088	1
p/m-Xylene	1.9		mg/kg	0.12	0.035	1
o-Xylene	0.15		mg/kg	0.062	0.018	1
Xylenes, Total	2.0		mg/kg	0.062	0.018	1
Isopropylbenzene	2.9		mg/kg	0.062	0.0068	1
1,3,5-Trimethylbenzene	8.9		mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	22.	E	mg/kg	0.12	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	126		70-130
4-Bromofluorobenzene	297	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-75 D
 Client ID: 401-MA3-1-43-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:05
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 10:32
 Analyst: MJV
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	22.		mg/kg	1.2	0.21	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-77
 Client ID: 401-MA3-1-15-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:15
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 11:22
 Analyst: AJK
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.12		mg/kg	0.033	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.066	0.017	1
Toluene	0.098		mg/kg	0.066	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.033	0.019	1
Ethylbenzene	0.72		mg/kg	0.066	0.0092	1
p/m-Xylene	1.1		mg/kg	0.13	0.037	1
o-Xylene	ND		mg/kg	0.066	0.019	1
Xylenes, Total	1.1		mg/kg	0.066	0.019	1
Isopropylbenzene	3.6		mg/kg	0.066	0.0071	1
1,3,5-Trimethylbenzene	4.6		mg/kg	0.13	0.013	1
1,2,4-Trimethylbenzene	0.27		mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	224	Q	70-130
Dibromofluoromethane	64	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-79
 Client ID: 401-MA3-1-46-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 03:28
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.010	J	mg/kg	0.029	0.0097	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	0.037	J	mg/kg	0.058	0.032	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	ND		mg/kg	0.058	0.0082	1
p/m-Xylene	ND		mg/kg	0.12	0.033	1
o-Xylene	ND		mg/kg	0.058	0.017	1
Xylenes, Total	ND		mg/kg	0.058	0.017	1
Isopropylbenzene	2.6		mg/kg	0.058	0.0064	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	0.027	J	mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	332	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-81 D
 Client ID: 401-MA3-1-46-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 14:00
 Analyst: AJK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.0	0.10	10
Benzene	ND		mg/kg	0.26	0.086	10
1,2-Dichloroethane	ND		mg/kg	0.52	0.13	10
Toluene	ND		mg/kg	0.52	0.28	10
1,2-Dibromoethane	ND		mg/kg	0.26	0.15	10
Ethylbenzene	ND		mg/kg	0.52	0.073	10
p/m-Xylene	ND		mg/kg	1.0	0.29	10
o-Xylene	ND		mg/kg	0.52	0.15	10
Xylenes, Total	ND		mg/kg	0.52	0.15	10
Isopropylbenzene	19.		mg/kg	0.52	0.057	10
1,3,5-Trimethylbenzene	ND		mg/kg	1.0	0.10	10
1,2,4-Trimethylbenzene	ND		mg/kg	1.0	0.17	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	217	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-83
 Client ID: 401-MA3-1-45-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:15
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 10:14
 Analyst: AJK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.0012		mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	0.00085	J	mg/kg	0.0010	0.00057	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00031	1
Ethylbenzene	0.00072	J	mg/kg	0.0010	0.00015	1
p/m-Xylene	0.0028		mg/kg	0.0021	0.00059	1
o-Xylene	0.00048	J	mg/kg	0.0010	0.00030	1
Xylenes, Total	0.0033	J	mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.00026	J	mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	0.0016	J	mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	0.0052		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-85
 Client ID: 401-MA3-1-45-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:25
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 10:37
 Analyst: AJK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00022	1
Benzene	0.019		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	0.0033		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00031	1
Ethylbenzene	0.0019		mg/kg	0.0011	0.00015	1
p/m-Xylene	0.0070		mg/kg	0.0021	0.00060	1
o-Xylene	0.0051		mg/kg	0.0011	0.00031	1
Xylenes, Total	0.012		mg/kg	0.0011	0.00031	1
Isopropylbenzene	0.0016		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.0054		mg/kg	0.0021	0.00021	1
1,2,4-Trimethylbenzene	0.011		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-87
 Client ID: 401-MA3-1-45-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 11:44
 Analyst: AJK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.17	0.017	1
Benzene	2.0		mg/kg	0.043	0.014	1
1,2-Dichloroethane	ND		mg/kg	0.086	0.022	1
Toluene	0.90		mg/kg	0.086	0.047	1
1,2-Dibromoethane	ND		mg/kg	0.043	0.025	1
Ethylbenzene	0.42		mg/kg	0.086	0.012	1
p/m-Xylene	10.		mg/kg	0.17	0.048	1
o-Xylene	2.8		mg/kg	0.086	0.025	1
Xylenes, Total	13.		mg/kg	0.086	0.025	1
Isopropylbenzene	2.1		mg/kg	0.086	0.0094	1
1,3,5-Trimethylbenzene	11.		mg/kg	0.17	0.016	1
1,2,4-Trimethylbenzene	29.	E	mg/kg	0.17	0.029	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	199	Q	70-130
Dibromofluoromethane	88		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-87 D
 Client ID: 401-MA3-1-45-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 04:12
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	32.		mg/kg	1.7	0.29	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-89
 Client ID: 401-MA3-1-45-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 12:07
 Analyst: AJK
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	0.029	J	mg/kg	0.29	0.029	1
Benzene	230	E	mg/kg	0.072	0.024	1
1,2-Dichloroethane	ND		mg/kg	0.14	0.037	1
Toluene	25.		mg/kg	0.14	0.079	1
1,2-Dibromoethane	ND		mg/kg	0.072	0.042	1
Ethylbenzene	9.6		mg/kg	0.14	0.020	1
p/m-Xylene	45.		mg/kg	0.29	0.081	1
o-Xylene	14.		mg/kg	0.14	0.042	1
Xylenes, Total	59.		mg/kg	0.14	0.042	1
Isopropylbenzene	5.2		mg/kg	0.14	0.016	1
1,3,5-Trimethylbenzene	27.		mg/kg	0.29	0.028	1
1,2,4-Trimethylbenzene	46.	E	mg/kg	0.29	0.048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	138	Q	70-130
Dibromofluoromethane	89		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-89 D
 Client ID: 401-MA3-1-45-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 03:50
 Analyst: JIC
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Benzene	250		mg/kg	1.4	0.48	20
1,2,4-Trimethylbenzene	45.		mg/kg	5.8	0.97	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-91
 Client ID: 401-MA3-1-45-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:55
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 12:30
 Analyst: AJK
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.77		mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.071	0.018	1
Toluene	0.10		mg/kg	0.071	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.021	1
Ethylbenzene	0.053	J	mg/kg	0.071	0.010	1
p/m-Xylene	0.14		mg/kg	0.14	0.040	1
o-Xylene	0.025	J	mg/kg	0.071	0.020	1
Xylenes, Total	0.16	J	mg/kg	0.071	0.020	1
Isopropylbenzene	0.020	J	mg/kg	0.071	0.0077	1
1,3,5-Trimethylbenzene	0.020	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.047	J	mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	144	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-93
 Client ID: 401-MA3-1-48-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 12:52
 Analyst: AJK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.24		mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.070	0.018	1
Toluene	0.25		mg/kg	0.070	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.021	1
Ethylbenzene	0.13		mg/kg	0.070	0.0099	1
p/m-Xylene	0.53		mg/kg	0.14	0.039	1
o-Xylene	0.11		mg/kg	0.070	0.020	1
Xylenes, Total	0.64		mg/kg	0.070	0.020	1
Isopropylbenzene	0.58		mg/kg	0.070	0.0077	1
1,3,5-Trimethylbenzene	0.064	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.20		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	145	Q	70-130
Dibromofluoromethane	83		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-95 D
 Client ID: 401-MA3-1-48-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 15:07
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.8	0.18	10
Benzene	11.		mg/kg	0.44	0.15	10
1,2-Dichloroethane	ND		mg/kg	0.89	0.23	10
Toluene	4.2		mg/kg	0.89	0.48	10
1,2-Dibromoethane	ND		mg/kg	0.44	0.26	10
Ethylbenzene	4.1		mg/kg	0.89	0.12	10
p/m-Xylene	7.0		mg/kg	1.8	0.50	10
o-Xylene	0.85	J	mg/kg	0.89	0.26	10
Xylenes, Total	7.8	J	mg/kg	0.89	0.26	10
Isopropylbenzene	21.		mg/kg	0.89	0.097	10
1,3,5-Trimethylbenzene	0.46	J	mg/kg	1.8	0.17	10
1,2,4-Trimethylbenzene	1.9		mg/kg	1.8	0.30	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	137	Q	70-130
Dibromofluoromethane	81		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-97
 Client ID: 401-MA3-1-48-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 03:05
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	0.00021	J	mg/kg	0.0020	0.00020	1
Benzene	0.0080		mg/kg	0.00049	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00098	0.00025	1
Toluene	0.0019		mg/kg	0.00098	0.00053	1
1,2-Dibromoethane	ND		mg/kg	0.00049	0.00029	1
Ethylbenzene	0.0014		mg/kg	0.00098	0.00014	1
p/m-Xylene	0.0055		mg/kg	0.0020	0.00055	1
o-Xylene	0.0018		mg/kg	0.00098	0.00028	1
Xylenes, Total	0.0073		mg/kg	0.00098	0.00028	1
Isopropylbenzene	0.079		mg/kg	0.00098	0.00011	1
1,3,5-Trimethylbenzene	0.00027	J	mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	0.00076	J	mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	158	Q	70-130
Dibromofluoromethane	81		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-99
 Client ID: 401-MA3-1-48-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 13:00
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/23/25 10:59
 Analyst: AJK
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	0.015		mg/kg	0.0020	0.00020	1
Benzene	0.036		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00055	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	0.0028		mg/kg	0.0010	0.00014	1
p/m-Xylene	0.00077	J	mg/kg	0.0020	0.00057	1
o-Xylene	0.00033	J	mg/kg	0.0010	0.00029	1
Xylenes, Total	0.0011	J	mg/kg	0.0010	0.00029	1
Isopropylbenzene	0.0052		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	0.00028	J	mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	0.0014	J	mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-107
 Client ID: 401-MA3-1-47-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:15
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 13:57
 Analyst: JIC
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	ND		mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-109
 Client ID: 401-MA3-1-47-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:25
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 19:08
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.36		mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.070	0.018	1
Toluene	0.58		mg/kg	0.070	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.020	1
Ethylbenzene	0.27		mg/kg	0.070	0.0098	1
p/m-Xylene	5.6		mg/kg	0.14	0.039	1
o-Xylene	0.28		mg/kg	0.070	0.020	1
Xylenes, Total	5.9		mg/kg	0.070	0.020	1
Isopropylbenzene	7.3		mg/kg	0.070	0.0076	1
1,3,5-Trimethylbenzene	3.0		mg/kg	0.14	0.013	1
1,2,4-Trimethylbenzene	7.8		mg/kg	0.14	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	122		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-111
 Client ID: 401-MA3-1-47-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 18:42
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.12		mg/kg	0.031	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.062	0.016	1
Toluene	0.14		mg/kg	0.062	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.031	0.018	1
Ethylbenzene	0.21		mg/kg	0.062	0.0087	1
p/m-Xylene	0.66		mg/kg	0.12	0.035	1
o-Xylene	0.064		mg/kg	0.062	0.018	1
Xylenes, Total	0.72		mg/kg	0.062	0.018	1
Isopropylbenzene	7.4		mg/kg	0.062	0.0068	1
1,3,5-Trimethylbenzene	0.075	J	mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	0.33		mg/kg	0.12	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-113
 Client ID: 401-MA3-1-47-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/21/25 18:16
 Analyst: JIC
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.18	0.018	1
Benzene	0.056		mg/kg	0.044	0.014	1
1,2-Dichloroethane	ND		mg/kg	0.088	0.022	1
Toluene	0.079	J	mg/kg	0.088	0.048	1
1,2-Dibromoethane	ND		mg/kg	0.044	0.026	1
Ethylbenzene	0.15		mg/kg	0.088	0.012	1
p/m-Xylene	0.53		mg/kg	0.18	0.049	1
o-Xylene	0.24		mg/kg	0.088	0.026	1
Xylenes, Total	0.77		mg/kg	0.088	0.026	1
Isopropylbenzene	26.		mg/kg	0.088	0.0096	1
1,3,5-Trimethylbenzene	0.53		mg/kg	0.18	0.017	1
1,2,4-Trimethylbenzene	3.8		mg/kg	0.18	0.029	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	154	Q	70-130
4-Bromofluorobenzene	140	Q	70-130
Dibromofluoromethane	83		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-115
 Client ID: 401-MA3-1-47-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:55
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/22/25 14:42
 Analyst: JIC
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	ND		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	ND		mg/kg	0.00096	0.00014	1
p/m-Xylene	ND		mg/kg	0.0019	0.00054	1
o-Xylene	ND		mg/kg	0.00096	0.00028	1
Xylenes, Total	ND		mg/kg	0.00096	0.00028	1
Isopropylbenzene	ND		mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/21/25 13:31
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,15,109,111,113 Batch: WG2022485-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/21/25 13:31
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05,07,09,11,13,19,107 Batch: WG2022487-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/22/25 09:51
Analyst: AJK/M

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21,23,25,27,29,31,33,115 Batch: WG2022835-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 01/23/25 09:52
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 83,85,99 Batch: WG2023212-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/23/25 09:52
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 71,77,81,87,89,91,93,95 Batch: WG2023213-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/23/25 09:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 37,39,43,47,57,67,69 Batch: WG2023246-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/23/25 09:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17,19,35,49,51,53,55,59,61,65 Batch: WG2023247-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/23/25 20:45
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 97 Batch: WG2023248-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/23/25 20:45
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 79,87,89 Batch: WG2023250-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/24/25 08:25
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 73,75 Batch: WG2023261-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	114		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/25 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 41,45,49 Batch: WG2023269-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/24/25 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 63,65 Batch: WG2023270-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,15,109,111,113 Batch: WG2022485-3 WG2022485-4								
Methyl tert butyl ether	84		82		66-130	2		30
Benzene	84		83		70-130	1		30
1,2-Dichloroethane	78		80		70-130	3		30
Toluene	86		83		70-130	4		30
1,2-Dibromoethane	92		94		70-130	2		30
Ethylbenzene	88		86		70-130	2		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	90		90		70-130	0		30
Isopropylbenzene	92		88		70-130	4		30
1,3,5-Trimethylbenzene	90		87		70-130	3		30
1,2,4-Trimethylbenzene	90		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	93		91		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05,07,09,11,13,19,107 Batch: WG2022487-3 WG2022487-4								
Methyl tert butyl ether	84		82		66-130	2		30
Benzene	84		83		70-130	1		30
1,2-Dichloroethane	78		80		70-130	3		30
Toluene	86		83		70-130	4		30
1,2-Dibromoethane	92		94		70-130	2		30
Ethylbenzene	88		86		70-130	2		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	90		90		70-130	0		30
Isopropylbenzene	92		88		70-130	4		30
1,3,5-Trimethylbenzene	90		87		70-130	3		30
1,2,4-Trimethylbenzene	90		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	96		95		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21,23,25,27,29,31,33,115 Batch: WG2022835-3 WG2022835-4								
Methyl tert butyl ether	97		95		66-130	2		30
Benzene	95		96		70-130	1		30
1,2-Dichloroethane	95		94		70-130	1		30
Toluene	90		89		70-130	1		30
1,2-Dibromoethane	97		97		70-130	0		30
Ethylbenzene	91		92		70-130	1		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	94		96		70-130	2		30
Isopropylbenzene	88		89		70-130	1		30
1,3,5-Trimethylbenzene	90		91		70-130	1		30
1,2,4-Trimethylbenzene	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	96		98		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 83,85,99 Batch: WG2023212-3 WG2023212-4								
Methyl tert butyl ether	94		96		66-130	2		30
Benzene	90		95		70-130	5		30
1,2-Dichloroethane	90		92		70-130	2		30
Toluene	86		89		70-130	3		30
1,2-Dibromoethane	95		97		70-130	2		30
Ethylbenzene	87		92		70-130	6		30
p/m-Xylene	90		95		70-130	5		30
o-Xylene	92		95		70-130	3		30
Isopropylbenzene	84		92		70-130	9		30
1,3,5-Trimethylbenzene	87		94		70-130	8		30
1,2,4-Trimethylbenzene	88		96		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	97		97		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 71,77,81,87,89,91,93,95 Batch: WG2023213-3 WG2023213-4								
Methyl tert butyl ether	94		96		66-130	2		30
Benzene	90		95		70-130	5		30
1,2-Dichloroethane	90		92		70-130	2		30
Toluene	86		89		70-130	3		30
1,2-Dibromoethane	95		97		70-130	2		30
Ethylbenzene	87		92		70-130	6		30
p/m-Xylene	90		95		70-130	5		30
o-Xylene	92		95		70-130	3		30
Isopropylbenzene	84		92		70-130	9		30
1,3,5-Trimethylbenzene	87		94		70-130	8		30
1,2,4-Trimethylbenzene	88		96		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	97		97		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 37,39,43,47,57,67,69 Batch: WG2023246-3 WG2023246-4								
Methyl tert butyl ether	82		76		66-130	8		30
Benzene	80		80		70-130	0		30
1,2-Dichloroethane	76		76		70-130	0		30
Toluene	81		81		70-130	0		30
1,2-Dibromoethane	87		88		70-130	1		30
Ethylbenzene	83		85		70-130	2		30
p/m-Xylene	86		88		70-130	2		30
o-Xylene	85		87		70-130	2		30
Isopropylbenzene	87		88		70-130	1		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		87		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		81		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	96		95		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17,19,35,49,51,53,55,59,61,65 Batch: WG2023247-3 WG2023247-4								
Methyl tert butyl ether	82		76		66-130	8		30
Benzene	80		80		70-130	0		30
1,2-Dichloroethane	76		76		70-130	0		30
Toluene	81		81		70-130	0		30
1,2-Dibromoethane	87		88		70-130	1		30
Ethylbenzene	83		85		70-130	2		30
p/m-Xylene	86		88		70-130	2		30
o-Xylene	85		87		70-130	2		30
Isopropylbenzene	87		88		70-130	1		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		87		70-130	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	83		81		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	96		95		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 97 Batch: WG2023248-3 WG2023248-4								
Methyl tert butyl ether	104		104		66-130	0		30
Benzene	103		100		70-130	3		30
1,2-Dichloroethane	100		100		70-130	0		30
Toluene	98		96		70-130	2		30
1,2-Dibromoethane	111		109		70-130	2		30
Ethylbenzene	99		97		70-130	2		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	103		101		70-130	2		30
Isopropylbenzene	100		97		70-130	3		30
1,3,5-Trimethylbenzene	102		99		70-130	3		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	93		96		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 79,87,89 Batch: WG2023250-3 WG2023250-4								
Methyl tert butyl ether	104		104		66-130	0		30
Benzene	103		100		70-130	3		30
1,2-Dichloroethane	100		100		70-130	0		30
Toluene	98		96		70-130	2		30
1,2-Dibromoethane	111		109		70-130	2		30
Ethylbenzene	99		97		70-130	2		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	103		101		70-130	2		30
Isopropylbenzene	100		97		70-130	3		30
1,3,5-Trimethylbenzene	102		99		70-130	3		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	93		96		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 73,75 Batch: WG2023261-3 WG2023261-4								
Methyl tert butyl ether	102		104		66-130	2		30
Benzene	105		102		70-130	3		30
1,2-Dichloroethane	115		116		70-130	1		30
Toluene	98		96		70-130	2		30
1,2-Dibromoethane	104		104		70-130	0		30
Ethylbenzene	100		96		70-130	4		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	103		98		70-130	5		30
Isopropylbenzene	95		91		70-130	4		30
1,3,5-Trimethylbenzene	101		97		70-130	4		30
1,2,4-Trimethylbenzene	102		97		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	93		97		70-130
Dibromofluoromethane	111		111		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 41,45,49 Batch: WG2023269-3 WG2023269-4								
Methyl tert butyl ether	83		89		66-130	7		30
Benzene	81		89		70-130	9		30
1,2-Dichloroethane	82		87		70-130	6		30
Toluene	82		89		70-130	8		30
1,2-Dibromoethane	94		99		70-130	5		30
Ethylbenzene	84		92		70-130	9		30
p/m-Xylene	88		96		70-130	9		30
o-Xylene	88		95		70-130	8		30
Isopropylbenzene	87		94		70-130	8		30
1,3,5-Trimethylbenzene	86		93		70-130	8		30
1,2,4-Trimethylbenzene	89		94		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		85		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 63,65 Batch: WG2023270-3 WG2023270-4								
Methyl tert butyl ether	83		89		66-130	7		30
Benzene	81		89		70-130	9		30
1,2-Dichloroethane	82		87		70-130	6		30
Toluene	82		89		70-130	8		30
1,2-Dibromoethane	94		99		70-130	5		30
Ethylbenzene	84		92		70-130	9		30
p/m-Xylene	88		96		70-130	9		30
o-Xylene	88		95		70-130	8		30
Isopropylbenzene	87		94		70-130	8		30
1,3,5-Trimethylbenzene	86		93		70-130	8		30
1,2,4-Trimethylbenzene	89		94		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		85		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	94		95		70-130



SEMIVOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-02
 Client ID: 401-MA3-1-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:05
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/15/25 16:50
 Analyst: IMK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.038	0.024	1
Fluorene	ND		mg/kg	0.19	0.019	1
Phenanthrene	0.046	J	mg/kg	0.12	0.023	1
Anthracene	ND		mg/kg	0.12	0.038	1
Pyrene	0.037	J	mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.036	J	mg/kg	0.12	0.022	1
Chrysene	0.042	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.046	J	mg/kg	0.12	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.030	J	mg/kg	0.15	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	54		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-04
 Client ID: 401-MA3-1-02-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:15
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/15/25 17:14
 Analyst: IMK
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.025	1
Fluorene	ND		mg/kg	0.20	0.020	1
Phenanthrene	0.028	J	mg/kg	0.12	0.025	1
Anthracene	ND		mg/kg	0.12	0.040	1
Pyrene	0.026	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.030	J	mg/kg	0.12	0.023	1
Chrysene	0.030	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.038	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	74		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-06
 Client ID: 401-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:50
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/15/25 17:38
 Analyst: IMK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.083		mg/kg	0.039	0.024	1
Fluorene	0.085	J	mg/kg	0.20	0.019	1
Phenanthrene	0.82		mg/kg	0.12	0.024	1
Anthracene	0.21		mg/kg	0.12	0.038	1
Pyrene	1.0		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.55		mg/kg	0.12	0.022	1
Chrysene	0.57		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.65		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.52		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.30		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	77		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-08
 Client ID: 401-MA3-1-03-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:00
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/15/25 18:02
 Analyst: IMK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.10		mg/kg	0.039	0.024	1
Fluorene	0.041	J	mg/kg	0.19	0.019	1
Phenanthrene	0.39		mg/kg	0.12	0.024	1
Anthracene	0.096	J	mg/kg	0.12	0.038	1
Pyrene	0.77		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.54		mg/kg	0.12	0.022	1
Chrysene	0.55		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.71		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.58		mg/kg	0.16	0.047	1
Benzo(ghi)perylene	0.34		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	92		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-10
 Client ID: 401-MA3-1-03-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:10
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 20:29
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	0.080	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.091	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.080	J	mg/kg	0.12	0.022	1
Chrysene	0.081	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.11	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.093	J	mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.057	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	98		30-120
4-Terphenyl-d14	87		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-12
 Client ID: 401-MA3-1-03-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:20
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/15/25 18:26
 Analyst: IMK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	0.042	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.038	1
Pyrene	0.024	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.026	J	mg/kg	0.12	0.022	1
Chrysene	0.026	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	71		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-14
 Client ID: 401-MA3-1-03-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:30
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 19:43
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	0.031	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.035	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.030	J	mg/kg	0.12	0.022	1
Chrysene	0.027	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.049	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.036	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	126	Q	23-120
2-Fluorobiphenyl	148	Q	30-120
4-Terphenyl-d14	125	Q	18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-16
 Client ID: 401-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 14:30
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 18:12
 Analyst: SLR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/14/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.30		mg/kg	0.037	0.023	1
Fluorene	0.14	J	mg/kg	0.19	0.018	1
Phenanthrene	0.28		mg/kg	0.11	0.023	1
Anthracene	0.10	J	mg/kg	0.11	0.036	1
Pyrene	0.14		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.078	J	mg/kg	0.11	0.021	1
Chrysene	0.12		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.092	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.070	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.050	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	92		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-18 D
 Client ID: 401-MA3-1-40-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:15
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 19:15
 Analyst: CMM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.4		mg/kg	0.072	0.044	2
Fluorene	1.4		mg/kg	0.36	0.035	2
Phenanthrene	7.7		mg/kg	0.22	0.044	2
Anthracene	1.9		mg/kg	0.22	0.071	2
Pyrene	4.9		mg/kg	0.22	0.036	2
Benzo(a)anthracene	3.4		mg/kg	0.22	0.041	2
Chrysene	3.4		mg/kg	0.22	0.038	2
Benzo(b)fluoranthene	3.4		mg/kg	0.22	0.061	2
Benzo(a)pyrene	3.0		mg/kg	0.29	0.088	2
Benzo(ghi)perylene	1.5		mg/kg	0.29	0.043	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	158	Q	23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	93		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-20 D
 Client ID: 401-MA3-1-40-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:25
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 19:33
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.7		mg/kg	0.078	0.048	2
Fluorene	0.65		mg/kg	0.39	0.038	2
Phenanthrene	1.4		mg/kg	0.24	0.048	2
Anthracene	0.21	J	mg/kg	0.24	0.076	2
Pyrene	0.23	J	mg/kg	0.24	0.039	2
Benzo(a)anthracene	0.13	J	mg/kg	0.24	0.044	2
Chrysene	0.19	J	mg/kg	0.24	0.041	2
Benzo(b)fluoranthene	0.11	J	mg/kg	0.24	0.066	2
Benzo(a)pyrene	0.14	J	mg/kg	0.31	0.096	2
Benzo(ghi)perylene	0.38		mg/kg	0.31	0.046	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	239	Q	23-120
2-Fluorobiphenyl	116		30-120
4-Terphenyl-d14	111		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-22
 Client ID: 403-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:05
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 15:24
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.038	0.023	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	ND		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.037	1
Pyrene	ND		mg/kg	0.11	0.019	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.022	1
Chrysene	ND		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	85		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-24
 Client ID: 403-MA3-1-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:20
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 15:48
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.060		mg/kg	0.038	0.023	1
Fluorene	0.18	J	mg/kg	0.19	0.018	1
Phenanthrene	0.64		mg/kg	0.11	0.023	1
Anthracene	0.14		mg/kg	0.11	0.037	1
Pyrene	0.40		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.13		mg/kg	0.11	0.021	1
Chrysene	0.15		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.14		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.13	J	mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.084	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	94		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-26
 Client ID: 403-MA3-1-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:40
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 16:11
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.025	J	mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	0.031	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.023	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	0.022	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.029	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-28
 Client ID: 403-MA3-1-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 12:00
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 16:38
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.039	0.024	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	ND		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.019	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	ND		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	93		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-30
 Client ID: 403-MA3-1-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:05
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 17:02
 Analyst: EK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.024	J	mg/kg	0.039	0.024	1
Fluorene	0.046	J	mg/kg	0.19	0.019	1
Phenanthrene	0.074	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.038	1
Pyrene	0.059	J	mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.030	J	mg/kg	0.12	0.022	1
Chrysene	0.046	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.036	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.029	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-32
 Client ID: 403-MA3-1-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:25
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 17:26
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.023	1
Fluorene	0.040	J	mg/kg	0.19	0.018	1
Phenanthrene	0.060	J	mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.081	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.043	J	mg/kg	0.11	0.021	1
Chrysene	0.083	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.052	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.074	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-34
 Client ID: 401-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:55
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/16/25 17:50
 Analyst: EK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.058		mg/kg	0.039	0.024	1
Fluorene	0.062	J	mg/kg	0.20	0.019	1
Phenanthrene	0.61		mg/kg	0.12	0.024	1
Anthracene	0.14		mg/kg	0.12	0.038	1
Pyrene	0.71		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.44		mg/kg	0.12	0.022	1
Chrysene	0.45		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.54		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.44		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.25		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	92		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-36
 Client ID: 404-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 09:20
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 17:21
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.7		mg/kg	0.11	0.070	1
Fluorene	1.4		mg/kg	0.57	0.056	1
Phenanthrene	3.6		mg/kg	0.34	0.069	1
Anthracene	1.6		mg/kg	0.34	0.11	1
Pyrene	4.9		mg/kg	0.34	0.057	1
Benzo(a)anthracene	2.6		mg/kg	0.34	0.064	1
Chrysene	2.8		mg/kg	0.34	0.059	1
Benzo(b)fluoranthene	3.5		mg/kg	0.34	0.096	1
Benzo(a)pyrene	2.8		mg/kg	0.46	0.14	1
Benzo(ghi)perylene	1.9		mg/kg	0.46	0.067	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-38
 Client ID: 404-MA3-1-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 10:40
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 17:45
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.1		mg/kg	0.040	0.024	1
Fluorene	0.99		mg/kg	0.20	0.019	1
Phenanthrene	2.5		mg/kg	0.12	0.024	1
Anthracene	0.68		mg/kg	0.12	0.039	1
Pyrene	1.9		mg/kg	0.12	0.020	1
Benzo(a)anthracene	1.0		mg/kg	0.12	0.022	1
Chrysene	1.1		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	1.7		mg/kg	0.12	0.033	1
Benzo(a)pyrene	1.3		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	1.0		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	87		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-40
 Client ID: 404-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 11:35
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 18:08
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.41		mg/kg	0.037	0.022	1
Fluorene	0.063	J	mg/kg	0.18	0.018	1
Phenanthrene	0.45		mg/kg	0.11	0.022	1
Anthracene	0.19		mg/kg	0.11	0.036	1
Pyrene	1.5		mg/kg	0.11	0.018	1
Benzo(a)anthracene	1.3		mg/kg	0.11	0.021	1
Chrysene	1.2		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	1.8		mg/kg	0.11	0.031	1
Benzo(a)pyrene	1.5		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.88		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	94		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-42
 Client ID: 404-MA3-1-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 12:55
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 18:32
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.39		mg/kg	0.037	0.022	1
Fluorene	0.11	J	mg/kg	0.18	0.018	1
Phenanthrene	1.2		mg/kg	0.11	0.022	1
Anthracene	0.62		mg/kg	0.11	0.036	1
Pyrene	3.0		mg/kg	0.11	0.018	1
Benzo(a)anthracene	2.0		mg/kg	0.11	0.021	1
Chrysene	2.1		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	2.6		mg/kg	0.11	0.031	1
Benzo(a)pyrene	2.2		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	1.2		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	74		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-44
 Client ID: 404-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:35
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 18:56
 Analyst: EK
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.12	0.072	1
Fluorene	ND		mg/kg	0.59	0.058	1
Phenanthrene	0.54		mg/kg	0.36	0.072	1
Anthracene	0.12	J	mg/kg	0.36	0.12	1
Pyrene	0.63		mg/kg	0.36	0.059	1
Benzo(a)anthracene	0.44		mg/kg	0.36	0.067	1
Chrysene	0.46		mg/kg	0.36	0.062	1
Benzo(b)fluoranthene	0.56		mg/kg	0.36	0.10	1
Benzo(a)pyrene	0.43	J	mg/kg	0.47	0.14	1
Benzo(ghi)perylene	0.25	J	mg/kg	0.47	0.070	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	92		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-46
 Client ID: 404-MA3-1-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:45
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/17/25 19:20
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/16/25 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12		mg/kg	0.038	0.023	1
Fluorene	0.050	J	mg/kg	0.19	0.019	1
Phenanthrene	0.43		mg/kg	0.12	0.023	1
Anthracene	0.097	J	mg/kg	0.12	0.038	1
Pyrene	0.50		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.32		mg/kg	0.12	0.022	1
Chrysene	0.34		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.41		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.30		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.16		mg/kg	0.15	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	102		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-48
 Client ID: 401-MA3-1-41-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:10
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/18/25 13:46
 Analyst: CMM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.23		mg/kg	0.035	0.021	1
Fluorene	0.053	J	mg/kg	0.17	0.017	1
Phenanthrene	0.17		mg/kg	0.10	0.021	1
Anthracene	0.036	J	mg/kg	0.10	0.034	1
Pyrene	0.19		mg/kg	0.10	0.017	1
Benzo(a)anthracene	0.12		mg/kg	0.10	0.020	1
Chrysene	0.14		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.15		mg/kg	0.10	0.029	1
Benzo(a)pyrene	0.15		mg/kg	0.14	0.042	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.14	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	90		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-50 D
 Client ID: 401-MA3-1-41-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:20
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/20/25 17:38
 Analyst: IMK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.5		mg/kg	0.18	0.11	5
Fluorene	3.0		mg/kg	0.92	0.090	5
Phenanthrene	6.3		mg/kg	0.55	0.11	5
Anthracene	1.2		mg/kg	0.55	0.18	5
Pyrene	0.86		mg/kg	0.55	0.092	5
Benzo(a)anthracene	0.22	J	mg/kg	0.55	0.10	5
Chrysene	0.29	J	mg/kg	0.55	0.096	5
Benzo(b)fluoranthene	0.23	J	mg/kg	0.55	0.16	5
Benzo(a)pyrene	ND		mg/kg	0.74	0.22	5
Benzo(ghi)perylene	0.18	J	mg/kg	0.74	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	90		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-52
 Client ID: 401-MA3-1-41-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:30
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/18/25 14:33
 Analyst: CMM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.68		mg/kg	0.036	0.022	1
Fluorene	0.93		mg/kg	0.18	0.017	1
Phenanthrene	2.5		mg/kg	0.11	0.022	1
Anthracene	0.33		mg/kg	0.11	0.035	1
Pyrene	0.40		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.13		mg/kg	0.11	0.020	1
Chrysene	0.17		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.17		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.15		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.16		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-54
 Client ID: 401-MA3-1-41-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:40
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/18/25 14:56
 Analyst: CMM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.69		mg/kg	0.035	0.022	1
Fluorene	0.15	J	mg/kg	0.18	0.017	1
Phenanthrene	0.42		mg/kg	0.11	0.022	1
Anthracene	0.099	J	mg/kg	0.11	0.034	1
Pyrene	0.18		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.092	J	mg/kg	0.11	0.020	1
Chrysene	0.11		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.096	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.072	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.059	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	123	Q	23-120
2-Fluorobiphenyl	98		30-120
4-Terphenyl-d14	103		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-56
 Client ID: 401-MA3-1-41-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/18/25 15:20
 Analyst: CMM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.18		mg/kg	0.034	0.021	1
Fluorene	0.83		mg/kg	0.17	0.017	1
Phenanthrene	1.1		mg/kg	0.10	0.021	1
Anthracene	0.30		mg/kg	0.10	0.033	1
Pyrene	0.22		mg/kg	0.10	0.017	1
Benzo(a)anthracene	0.046	J	mg/kg	0.10	0.019	1
Chrysene	0.067	J	mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.065	J	mg/kg	0.10	0.029	1
Benzo(a)pyrene	0.048	J	mg/kg	0.14	0.042	1
Benzo(ghi)perylene	0.053	J	mg/kg	0.14	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	108		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-58
 Client ID: 401-MA3-1-42-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:25
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/18/25 15:43
 Analyst: CMM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12		mg/kg	0.035	0.022	1
Fluorene	0.031	J	mg/kg	0.18	0.017	1
Phenanthrene	0.12		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.14		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.080	J	mg/kg	0.11	0.020	1
Chrysene	0.10	J	mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.15		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.11	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.098	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-60 D
 Client ID: 401-MA3-1-42-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:35
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 19:51
 Analyst: CMM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.93		mg/kg	0.072	0.044	2
Fluorene	1.2		mg/kg	0.36	0.035	2
Phenanthrene	1.5		mg/kg	0.22	0.044	2
Anthracene	0.23		mg/kg	0.22	0.070	2
Pyrene	0.28		mg/kg	0.22	0.036	2
Benzo(a)anthracene	0.13	J	mg/kg	0.22	0.041	2
Chrysene	0.26		mg/kg	0.22	0.038	2
Benzo(b)fluoranthene	0.16	J	mg/kg	0.22	0.061	2
Benzo(a)pyrene	0.16	J	mg/kg	0.29	0.088	2
Benzo(ghi)perylene	0.18	J	mg/kg	0.29	0.042	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	179	Q	23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-62 D
 Client ID: 401-MA3-1-42-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:45
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/20/25 18:03
 Analyst: IMK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.7		mg/kg	0.20	0.12	5
Fluorene	1.6		mg/kg	0.99	0.096	5
Phenanthrene	2.3		mg/kg	0.60	0.12	5
Anthracene	0.39	J	mg/kg	0.60	0.19	5
Pyrene	0.31	J	mg/kg	0.60	0.099	5
Benzo(a)anthracene	0.16	J	mg/kg	0.60	0.11	5
Chrysene	0.19	J	mg/kg	0.60	0.10	5
Benzo(b)fluoranthene	ND		mg/kg	0.60	0.17	5
Benzo(a)pyrene	ND		mg/kg	0.79	0.24	5
Benzo(ghi)perylene	0.17	J	mg/kg	0.79	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	104		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-64 D
 Client ID: 401-MA3-1-42-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:55
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/20/25 18:28
 Analyst: IMK
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.2		mg/kg	0.20	0.12	5
Fluorene	3.4		mg/kg	1.0	0.099	5
Phenanthrene	5.8		mg/kg	0.61	0.12	5
Anthracene	0.61		mg/kg	0.61	0.20	5
Pyrene	0.50	J	mg/kg	0.61	0.10	5
Benzo(a)anthracene	0.21	J	mg/kg	0.61	0.11	5
Chrysene	0.24	J	mg/kg	0.61	0.11	5
Benzo(b)fluoranthene	ND		mg/kg	0.61	0.17	5
Benzo(a)pyrene	ND		mg/kg	0.82	0.25	5
Benzo(ghi)perylene	0.16	J	mg/kg	0.82	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	82		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-66 D
 Client ID: 401-MA3-1-42-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:05
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/20/25 18:53
 Analyst: IMK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	15.		mg/kg	0.39	0.24	10
Fluorene	1.1	J	mg/kg	2.0	0.19	10
Phenanthrene	1.6		mg/kg	1.2	0.24	10
Anthracene	ND		mg/kg	1.2	0.38	10
Pyrene	0.28	J	mg/kg	1.2	0.20	10
Benzo(a)anthracene	0.22	J	mg/kg	1.2	0.22	10
Chrysene	ND		mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	ND		mg/kg	1.2	0.33	10
Benzo(a)pyrene	ND		mg/kg	1.6	0.48	10
Benzo(ghi)perylene	ND		mg/kg	1.6	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	80		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-68 D
 Client ID: 401-MA3-1-43-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:30
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 20:09
 Analyst: CMM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.082		mg/kg	0.070	0.042	2
Fluorene	ND		mg/kg	0.35	0.034	2
Phenanthrene	0.12	J	mg/kg	0.21	0.042	2
Anthracene	ND		mg/kg	0.21	0.068	2
Pyrene	0.15	J	mg/kg	0.21	0.034	2
Benzo(a)anthracene	0.11	J	mg/kg	0.21	0.039	2
Chrysene	0.13	J	mg/kg	0.21	0.036	2
Benzo(b)fluoranthene	0.23		mg/kg	0.21	0.059	2
Benzo(a)pyrene	0.21	J	mg/kg	0.28	0.085	2
Benzo(ghi)perylene	0.77		mg/kg	0.28	0.041	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-70
 Client ID: 401-MA3-1-43-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:40
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 14:39
 Analyst: CMM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.3		mg/kg	0.038	0.023	1
Fluorene	0.22		mg/kg	0.19	0.018	1
Phenanthrene	0.47		mg/kg	0.11	0.023	1
Anthracene	0.82		mg/kg	0.11	0.037	1
Pyrene	0.91		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.62		mg/kg	0.11	0.021	1
Chrysene	0.87		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	2.6		mg/kg	0.11	0.032	1
Benzo(a)pyrene	1.8		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	1.9		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	108		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-72 D
 Client ID: 401-MA3-1-43-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/20/25 19:18
 Analyst: IMK
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.9		mg/kg	0.21	0.12	5
Fluorene	0.71	J	mg/kg	1.0	0.10	5
Phenanthrene	0.96		mg/kg	0.62	0.12	5
Anthracene	ND		mg/kg	0.62	0.20	5
Pyrene	0.36	J	mg/kg	0.62	0.10	5
Benzo(a)anthracene	0.17	J	mg/kg	0.62	0.12	5
Chrysene	0.18	J	mg/kg	0.62	0.11	5
Benzo(b)fluoranthene	0.18	J	mg/kg	0.62	0.17	5
Benzo(a)pyrene	ND		mg/kg	0.83	0.25	5
Benzo(ghi)perylene	0.13	J	mg/kg	0.83	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	98		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-74
 Client ID: 401-MA3-1-43-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:00
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 15:26
 Analyst: CMM
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.83		mg/kg	0.039	0.024	1
Fluorene	0.22		mg/kg	0.20	0.019	1
Phenanthrene	0.36		mg/kg	0.12	0.024	1
Anthracene	0.076	J	mg/kg	0.12	0.038	1
Pyrene	0.15		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.086	J	mg/kg	0.12	0.022	1
Chrysene	0.11	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.069	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.071	J	mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.078	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	116		30-120
4-Terphenyl-d14	130	Q	18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-76
 Client ID: 401-MA3-1-43-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:10
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 15:49
 Analyst: CMM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.89		mg/kg	0.041	0.025	1
Fluorene	0.14	J	mg/kg	0.21	0.020	1
Phenanthrene	0.23		mg/kg	0.12	0.025	1
Anthracene	0.046	J	mg/kg	0.12	0.040	1
Pyrene	0.071	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.042	J	mg/kg	0.12	0.023	1
Chrysene	0.058	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.055	J	mg/kg	0.12	0.035	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.034	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	139	Q	23-120
2-Fluorobiphenyl	119		30-120
4-Terphenyl-d14	116		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-78
 Client ID: 401-MA3-1-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:20
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 16:12
 Analyst: CMM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/17/25 15:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.4		mg/kg	0.040	0.024	1
Fluorene	0.19	J	mg/kg	0.20	0.020	1
Phenanthrene	0.24		mg/kg	0.12	0.024	1
Anthracene	0.092	J	mg/kg	0.12	0.039	1
Pyrene	0.12		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.064	J	mg/kg	0.12	0.023	1
Chrysene	0.087	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.064	J	mg/kg	0.16	0.049	1
Benzo(ghi)perylene	0.088	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	111		30-120
4-Terphenyl-d14	134	Q	18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-80
 Client ID: 401-MA3-1-46-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 12:15
 Analyst: CMM
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.5		mg/kg	0.039	0.024	1
Fluorene	1.6		mg/kg	0.19	0.019	1
Phenanthrene	2.6		mg/kg	0.12	0.024	1
Anthracene	0.35		mg/kg	0.12	0.038	1
Pyrene	0.34		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.10	J	mg/kg	0.12	0.022	1
Chrysene	0.17		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.096	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.066	J	mg/kg	0.16	0.047	1
Benzo(ghi)perylene	0.052	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	173	Q	23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	80		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-82 D
 Client ID: 401-MA3-1-46-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 20:28
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.70		mg/kg	0.20	0.12	5
Fluorene	0.24	J	mg/kg	1.0	0.098	5
Phenanthrene	0.32	J	mg/kg	0.60	0.12	5
Anthracene	ND		mg/kg	0.60	0.20	5
Pyrene	0.15	J	mg/kg	0.60	0.10	5
Benzo(a)anthracene	ND		mg/kg	0.60	0.11	5
Chrysene	0.10	J	mg/kg	0.60	0.10	5
Benzo(b)fluoranthene	ND		mg/kg	0.60	0.17	5
Benzo(a)pyrene	ND		mg/kg	0.80	0.24	5
Benzo(ghi)perylene	0.72	J	mg/kg	0.80	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	66		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-84 D
 Client ID: 401-MA3-1-45-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:20
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 20:46
 Analyst: CMM
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.35	0.21	10
Fluorene	ND		mg/kg	1.8	0.17	10
Phenanthrene	ND		mg/kg	1.0	0.21	10
Anthracene	ND		mg/kg	1.0	0.34	10
Pyrene	ND		mg/kg	1.0	0.17	10
Benzo(a)anthracene	ND		mg/kg	1.0	0.20	10
Chrysene	ND		mg/kg	1.0	0.18	10
Benzo(b)fluoranthene	ND		mg/kg	1.0	0.30	10
Benzo(a)pyrene	ND		mg/kg	1.4	0.43	10
Benzo(ghi)perylene	0.28	J	mg/kg	1.4	0.21	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-86
 Client ID: 401-MA3-1-45-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 12:52
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.53		mg/kg	0.039	0.024	1
Fluorene	0.17	J	mg/kg	0.20	0.019	1
Phenanthrene	0.55		mg/kg	0.12	0.024	1
Anthracene	0.080	J	mg/kg	0.12	0.038	1
Pyrene	0.42		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.30		mg/kg	0.12	0.022	1
Chrysene	0.50		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.50		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.43		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.35		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-88
 Client ID: 401-MA3-1-45-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 12:33
 Analyst: CMM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.36		mg/kg	0.036	0.022	1
Fluorene	0.41		mg/kg	0.18	0.017	1
Phenanthrene	0.99		mg/kg	0.11	0.022	1
Anthracene	0.18		mg/kg	0.11	0.035	1
Pyrene	0.37		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.22		mg/kg	0.11	0.020	1
Chrysene	0.29		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.28		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.20		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.17		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	87		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-90 D
 Client ID: 401-MA3-1-45-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 21:05
 Analyst: CMM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.1		mg/kg	0.81	0.50	20
Fluorene	1.1	J	mg/kg	4.1	0.40	20
Phenanthrene	4.4		mg/kg	2.4	0.50	20
Anthracene	ND		mg/kg	2.4	0.79	20
Pyrene	1.3	J	mg/kg	2.4	0.40	20
Benzo(a)anthracene	0.47	J	mg/kg	2.4	0.46	20
Chrysene	1.2	J	mg/kg	2.4	0.42	20
Benzo(b)fluoranthene	ND		mg/kg	2.4	0.69	20
Benzo(a)pyrene	ND		mg/kg	3.2	0.99	20
Benzo(ghi)perylene	ND		mg/kg	3.2	0.48	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-92
 Client ID: 401-MA3-1-45-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:00
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 13:09
 Analyst: CMM
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13		mg/kg	0.041	0.025	1
Fluorene	0.15	J	mg/kg	0.20	0.020	1
Phenanthrene	0.27		mg/kg	0.12	0.025	1
Anthracene	0.091	J	mg/kg	0.12	0.040	1
Pyrene	0.11	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.069	J	mg/kg	0.12	0.023	1
Chrysene	0.066	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.052	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.056	J	mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.042	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	99		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-94
 Client ID: 401-MA3-1-48-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/21/25 16:59
 Analyst: IMK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.22		mg/kg	0.036	0.022	1
Fluorene	0.12	J	mg/kg	0.18	0.017	1
Phenanthrene	0.45		mg/kg	0.11	0.022	1
Anthracene	0.26		mg/kg	0.11	0.035	1
Pyrene	0.85		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.51		mg/kg	0.11	0.020	1
Chrysene	0.57		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.76		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.48		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.36		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	43		30-120
4-Terphenyl-d14	42		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-96
 Client ID: 401-MA3-1-48-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 13:27
 Analyst: CMM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.0		mg/kg	0.036	0.022	1
Fluorene	0.66		mg/kg	0.18	0.018	1
Phenanthrene	1.4		mg/kg	0.11	0.022	1
Anthracene	0.27		mg/kg	0.11	0.036	1
Pyrene	0.74		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.38		mg/kg	0.11	0.020	1
Chrysene	0.49		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.54		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.40		mg/kg	0.15	0.044	1
Benzo(ghi)perylene	0.32		mg/kg	0.15	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	180	Q	23-120
2-Fluorobiphenyl	104		30-120
4-Terphenyl-d14	101		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-98
 Client ID: 401-MA3-1-48-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:55
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 13:46
 Analyst: CMM
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.23		mg/kg	0.036	0.022	1
Fluorene	0.10	J	mg/kg	0.18	0.018	1
Phenanthrene	0.20		mg/kg	0.11	0.022	1
Anthracene	0.041	J	mg/kg	0.11	0.036	1
Pyrene	0.082	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.052	J	mg/kg	0.11	0.020	1
Chrysene	0.054	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.062	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.055	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.040	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	94		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-100
 Client ID: 401-MA3-1-48-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 13:05
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 14:04
 Analyst: CMM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.29		mg/kg	0.037	0.023	1
Fluorene	0.16	J	mg/kg	0.19	0.018	1
Phenanthrene	0.29		mg/kg	0.11	0.023	1
Anthracene	0.049	J	mg/kg	0.11	0.036	1
Pyrene	0.096	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.050	J	mg/kg	0.11	0.021	1
Chrysene	0.047	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.037	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.024	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	95		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-108
 Client ID: 401-MA3-1-47-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:20
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 14:58
 Analyst: CMM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.14		mg/kg	0.035	0.022	1
Fluorene	0.13	J	mg/kg	0.18	0.017	1
Phenanthrene	1.4		mg/kg	0.11	0.022	1
Anthracene	0.40		mg/kg	0.11	0.034	1
Pyrene	1.8		mg/kg	0.11	0.018	1
Benzo(a)anthracene	1.1		mg/kg	0.11	0.020	1
Chrysene	1.1		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	1.5		mg/kg	0.11	0.030	1
Benzo(a)pyrene	1.2		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.74		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-110
 Client ID: 401-MA3-1-47-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 15:35
 Analyst: CMM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.51		mg/kg	0.036	0.022	1
Fluorene	0.82		mg/kg	0.18	0.018	1
Phenanthrene	4.4		mg/kg	0.11	0.022	1
Anthracene	1.3		mg/kg	0.11	0.035	1
Pyrene	3.3		mg/kg	0.11	0.018	1
Benzo(a)anthracene	2.0		mg/kg	0.11	0.020	1
Chrysene	1.8		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	2.0		mg/kg	0.11	0.030	1
Benzo(a)pyrene	1.9		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.83		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-112
 Client ID: 401-MA3-1-47-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 15:52
 Analyst: CMM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.28		mg/kg	0.034	0.021	1
Fluorene	0.24		mg/kg	0.17	0.017	1
Phenanthrene	1.1		mg/kg	0.10	0.021	1
Anthracene	0.27		mg/kg	0.10	0.033	1
Pyrene	0.66		mg/kg	0.10	0.017	1
Benzo(a)anthracene	0.42		mg/kg	0.10	0.019	1
Chrysene	0.46		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.58		mg/kg	0.10	0.029	1
Benzo(a)pyrene	0.46		mg/kg	0.14	0.042	1
Benzo(ghi)perylene	0.34		mg/kg	0.14	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	91		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-114
 Client ID: 401-MA3-1-47-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 16:11
 Analyst: CMM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.37		mg/kg	0.041	0.025	1
Fluorene	0.88		mg/kg	0.20	0.020	1
Phenanthrene	3.6		mg/kg	0.12	0.025	1
Anthracene	0.87		mg/kg	0.12	0.040	1
Pyrene	0.97		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.29		mg/kg	0.12	0.023	1
Chrysene	0.43		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.18		mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.15	J	mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.087	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	98		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-116
 Client ID: 401-MA3-1-47-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 15:00
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/19/25 16:30
 Analyst: CMM
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/18/25 16:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.47		mg/kg	0.040	0.024	1
Fluorene	0.34		mg/kg	0.20	0.019	1
Phenanthrene	1.1		mg/kg	0.12	0.024	1
Anthracene	0.074	J	mg/kg	0.12	0.039	1
Pyrene	0.10	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.046	J	mg/kg	0.12	0.022	1
Chrysene	0.066	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.034	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	116		23-120
2-Fluorobiphenyl	108		30-120
4-Terphenyl-d14	103		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/15/25 01:56
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 01/14/25 06:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,12,16 Batch: WG2019516-1					
Naphthalene	ND		mg/kg	0.032	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Anthracene	ND		mg/kg	0.097	0.032
Pyrene	ND		mg/kg	0.097	0.016
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Chrysene	ND		mg/kg	0.097	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	98		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/16/25 13:03
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/15/25 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22,24,26,28,30,32,34 Batch: WG2020232-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	ND		mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.019
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	96		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/17/25 13:49
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 01/16/25 11:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10,14,18,20,36,38,40,42,44,46 Batch: WG2020596-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	0.027	J	mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	0.019	J	mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.018
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	93		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/18/25 12:35
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/17/25 15:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 Batch: WG2021089-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.098	0.020
Anthracene	ND		mg/kg	0.098	0.032
Pyrene	ND		mg/kg	0.098	0.016
Benzo(a)anthracene	ND		mg/kg	0.098	0.018
Chrysene	ND		mg/kg	0.098	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.027
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	100		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/19/25 11:21
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/18/25 16:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116,118 Batch: WG2021304-1					
Naphthalene	ND		mg/kg	0.032	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Anthracene	ND		mg/kg	0.097	0.032
Pyrene	ND		mg/kg	0.097	0.016
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Chrysene	ND		mg/kg	0.097	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,12,16 Batch: WG2019516-2 WG2019516-3								
Naphthalene	90		97		40-140	7		50
Fluorene	98		104		40-140	6		50
Phenanthrene	96		105		40-140	9		50
Anthracene	102		110		40-140	8		50
Pyrene	93		101		35-142	8		50
Benzo(a)anthracene	94		100		40-140	6		50
Chrysene	94		99		40-140	5		50
Benzo(b)fluoranthene	91		97		40-140	6		50
Benzo(a)pyrene	96		100		40-140	4		50
Benzo(ghi)perylene	94		101		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		99		25-120
Phenol-d6	109		112		10-120
Nitrobenzene-d5	104		110		23-120
2-Fluorobiphenyl	89		95		30-120
2,4,6-Tribromophenol	82		91		10-136
4-Terphenyl-d14	87		97		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22,24,26,28,30,32,34 Batch: WG2020232-2 WG2020232-3								
Naphthalene	90		85		40-140	6		50
Fluorene	96		90		40-140	6		50
Phenanthrene	92		88		40-140	4		50
Anthracene	95		92		40-140	3		50
Pyrene	94		90		35-142	4		50
Benzo(a)anthracene	89		86		40-140	3		50
Chrysene	90		86		40-140	5		50
Benzo(b)fluoranthene	92		87		40-140	6		50
Benzo(a)pyrene	97		94		40-140	3		50
Benzo(ghi)perylene	98		94		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	92		83		23-120
2-Fluorobiphenyl	103		92		30-120
4-Terphenyl-d14	107		96		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10,14,18,20,36,38,40,42,44,46 Batch: WG2020596-2 WG2020596-3								
Naphthalene	92		92		40-140	0		50
Fluorene	97		92		40-140	5		50
Phenanthrene	96		90		40-140	6		50
Anthracene	99		94		40-140	5		50
Pyrene	99		95		35-142	4		50
Benzo(a)anthracene	95		90		40-140	5		50
Chrysene	95		90		40-140	5		50
Benzo(b)fluoranthene	96		89		40-140	8		50
Benzo(a)pyrene	100		93		40-140	7		50
Benzo(ghi)perylene	105		98		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	96		100		23-120
2-Fluorobiphenyl	93		91		30-120
4-Terphenyl-d14	101		95		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 Batch: WG2021089-2 WG2021089-3								
Naphthalene	90		85		40-140	6		50
Fluorene	98		89		40-140	10		50
Phenanthrene	94		88		40-140	7		50
Anthracene	98		90		40-140	9		50
Pyrene	98		90		35-142	9		50
Benzo(a)anthracene	91		82		40-140	10		50
Chrysene	92		83		40-140	10		50
Benzo(b)fluoranthene	100		87		40-140	14		50
Benzo(a)pyrene	103		92		40-140	11		50
Benzo(ghi)perylene	102		92		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	82		81		23-120
2-Fluorobiphenyl	92		89		30-120
4-Terphenyl-d14	99		93		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116,118 Batch: WG2021304-2 WG2021304-3								
Naphthalene	90		98		40-140	9		50
Fluorene	94		101		40-140	7		50
Phenanthrene	98		108		40-140	10		50
Anthracene	102		112		40-140	9		50
Pyrene	88		99		35-142	12		50
Benzo(a)anthracene	92		102		40-140	10		50
Chrysene	90		103		40-140	13		50
Benzo(b)fluoranthene	91		106		40-140	15		50
Benzo(a)pyrene	99		112		40-140	12		50
Benzo(ghi)perylene	95		111		40-140	16		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	94		104		23-120
2-Fluorobiphenyl	84		89		30-120
4-Terphenyl-d14	81		90		18-120



METALS



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-02
 Client ID: 401-MA3-1-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:05
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	52.6		mg/kg	4.47	0.239	2	01/16/25 21:08	01/17/25 14:59	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-04
 Client ID: 401-MA3-1-02-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:15
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	58.3		mg/kg	4.81	0.258	2	01/16/25 21:08	01/17/25 15:17	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-06
 Client ID: 401-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:50
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	126		mg/kg	4.58	0.246	2	01/16/25 21:08	01/17/25 15:20	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-08
 Client ID: 401-MA3-1-03-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:00
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	180		mg/kg	4.69	0.252	2	01/16/25 21:08	01/17/25 15:24	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-10
 Client ID: 401-MA3-1-03-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:10
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	95.6		mg/kg	4.51	0.242	2	01/16/25 21:08	01/17/25 15:58	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-12
 Client ID: 401-MA3-1-03-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:20
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	67.8		mg/kg	4.62	0.248	2	01/16/25 21:08	01/17/25 16:01	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-14
 Client ID: 401-MA3-1-03-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:30
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	131		mg/kg	4.83	0.259	2	01/16/25 21:08	01/17/25 16:05	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-16
 Client ID: 401-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 14:30
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	75.8		mg/kg	4.38	0.234	2	01/16/25 21:08	01/17/25 16:08	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-18
 Client ID: 401-MA3-1-40-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:15
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2530		mg/kg	4.23	0.227	2	01/16/25 21:08	01/17/25 16:12	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-20
 Client ID: 401-MA3-1-40-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:25
 Date Received: 01/13/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	356		mg/kg	4.67	0.250	2	01/16/25 21:08	01/17/25 16:15	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-22
 Client ID: 403-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:05
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	343		mg/kg	4.47	0.240	2	01/16/25 21:08	01/17/25 16:19	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-24
 Client ID: 403-MA3-1-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:20
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	346		mg/kg	4.54	0.243	2	01/16/25 21:08	01/17/25 16:22	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-26
 Client ID: 403-MA3-1-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:40
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	876		mg/kg	4.75	0.255	2	01/16/25 21:08	01/17/25 16:26	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-28
 Client ID: 403-MA3-1-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 12:00
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	11.9		mg/kg	4.61	0.247	2	01/16/25 21:08	01/17/25 16:29	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-30
 Client ID: 403-MA3-1-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:05
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	111		mg/kg	4.50	0.241	2	01/16/25 21:08	01/17/25 16:45	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-32
 Client ID: 403-MA3-1-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:25
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	216		mg/kg	8.67	0.464	4	01/16/25 21:08	01/17/25 17:07	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-34
 Client ID: 401-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:55
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	91.9		mg/kg	4.65	0.249	2	01/16/25 21:08	01/17/25 16:52	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-36
 Client ID: 404-MA3-1-03-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 09:20
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	346		mg/kg	4.59	0.246	2	01/16/25 21:08	01/17/25 16:55	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-38
 Client ID: 404-MA3-1-02-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 10:40
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	335		mg/kg	4.74	0.254	2	01/16/25 21:08	01/17/25 16:59	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-40
 Client ID: 404-MA3-1-01-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 11:35
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	139		mg/kg	4.40	0.236	2	01/16/25 21:08	01/17/25 17:02	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-42
 Client ID: 404-MA3-1-04-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 12:55
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	292		mg/kg	4.38	0.235	2	01/20/25 12:26	01/20/25 17:39	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-44
 Client ID: 404-MA3-1-05-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:35
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	173		mg/kg	4.67	0.250	2	01/20/25 12:26	01/20/25 21:35	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-46
 Client ID: 404-MA3-1-06-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:45
 Date Received: 01/15/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	537		mg/kg	4.64	0.249	2	01/20/25 12:26	01/20/25 17:26	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-48
 Client ID: 401-MA3-1-41-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:10
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	178		mg/kg	21.0	1.13	10	01/20/25 12:26	01/20/25 21:42	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-50
 Client ID: 401-MA3-1-41-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:20
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	134		mg/kg	21.4	1.14	10	01/20/25 12:26	01/20/25 21:49	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-52
 Client ID: 401-MA3-1-41-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:30
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	518		mg/kg	21.3	1.14	10	01/20/25 12:26	01/20/25 21:55	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-54
 Client ID: 401-MA3-1-41-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:40
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	155		mg/kg	20.1	1.08	10	01/20/25 12:26	01/20/25 22:20	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-56
 Client ID: 401-MA3-1-41-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	323		mg/kg	20.2	1.08	10	01/20/25 12:26	01/20/25 22:27	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-58
 Client ID: 401-MA3-1-42-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:25
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	21.6		mg/kg	21.6	1.16	10	01/20/25 12:26	01/20/25 22:33	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-60
 Client ID: 401-MA3-1-42-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:35
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	826		mg/kg	22.0	1.18	10	01/20/25 12:26	01/20/25 22:40	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-62
 Client ID: 401-MA3-1-42-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:45
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	61.8		mg/kg	24.2	1.30	10	01/20/25 12:26	01/20/25 22:46	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-64
 Client ID: 401-MA3-1-42-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:55
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	108		mg/kg	4.98	0.267	2	01/20/25 12:26	01/20/25 20:11	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-66
 Client ID: 401-MA3-1-42-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:05
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	45.2		mg/kg	23.0	1.23	10	01/20/25 12:26	01/20/25 22:53	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-68
 Client ID: 401-MA3-1-43-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:30
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	16.1	J	mg/kg	20.5	1.10	10	01/20/25 12:26	01/20/25 23:00	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-70
 Client ID: 401-MA3-1-43-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:40
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	543		mg/kg	45.9	2.46	20	01/20/25 12:26	01/20/25 23:06	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-72
 Client ID: 401-MA3-1-43-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	819		mg/kg	5.04	0.270	2	01/20/25 12:26	01/20/25 21:09	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-74
 Client ID: 401-MA3-1-43-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:00
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	62.9		mg/kg	4.62	0.248	2	01/20/25 12:26	01/20/25 21:16	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-76
 Client ID: 401-MA3-1-43-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:10
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	50.5		mg/kg	4.79	0.256	2	01/20/25 12:26	01/20/25 21:22	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-78
 Client ID: 401-MA3-1-15-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:20
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	206		mg/kg	23.7	1.27	10	01/20/25 12:26	01/20/25 23:12	EPA 3050B	1,6010D	JMF



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-80
 Client ID: 401-MA3-1-46-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	198		mg/kg	9.39	0.503	4	01/23/25 15:41	01/23/25 20:09	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-82
 Client ID: 401-MA3-1-46-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.43		mg/kg	4.74	0.254	2	01/23/25 15:41	01/23/25 19:41	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-84
 Client ID: 401-MA3-1-45-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:20
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	124		mg/kg	8.32	0.446	4	01/23/25 15:41	01/23/25 21:57	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-86
 Client ID: 401-MA3-1-45-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	359		mg/kg	4.67	0.250	2	01/23/25 15:41	01/23/25 19:54	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-88
 Client ID: 401-MA3-1-45-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	342		mg/kg	4.31	0.231	2	01/23/25 15:41	01/23/25 20:01	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-90
 Client ID: 401-MA3-1-45-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	51.3		mg/kg	4.91	0.263	2	01/23/25 15:41	01/23/25 20:58	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-92
 Client ID: 401-MA3-1-45-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:00
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	15.5		mg/kg	4.81	0.258	2	01/23/25 15:41	01/23/25 21:05	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-94
 Client ID: 401-MA3-1-48-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:35
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	140		mg/kg	4.21	0.226	2	01/23/25 15:41	01/23/25 21:11	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-96
 Client ID: 401-MA3-1-48-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:45
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	94.6		mg/kg	4.26	0.228	2	01/23/25 15:41	01/23/25 21:18	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-98
 Client ID: 401-MA3-1-48-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:55
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	18.3		mg/kg	8.62	0.462	4	01/23/25 15:41	01/23/25 21:44	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-100
 Client ID: 401-MA3-1-48-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 13:05
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.8		mg/kg	8.64	0.463	4	01/23/25 15:41	01/23/25 21:31	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-108
 Client ID: 401-MA3-1-47-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:20
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	156		mg/kg	8.20	0.440	4	01/23/25 15:41	01/23/25 21:37	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-110
 Client ID: 401-MA3-1-47-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:30
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	484		mg/kg	4.32	0.232	2	01/23/25 15:41	01/23/25 18:39	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-112
 Client ID: 401-MA3-1-47-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	142		mg/kg	8.36	0.448	4	01/23/25 15:41	01/24/25 09:47	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-114
 Client ID: 401-MA3-1-47-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	42.1		mg/kg	4.65	0.249	2	01/23/25 15:41	01/23/25 19:12	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-116
 Client ID: 401-MA3-1-47-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 15:00
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	56.8		mg/kg	4.56	0.244	2	01/23/25 15:41	01/23/25 19:34	EPA 3050B	1,6010D	DHL



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 Batch: WG2020709-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/16/25 21:08	01/17/25 14:52	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 Batch: WG2021066-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/20/25 12:26	01/20/25 17:06	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 80,82,84,86,88,90,92,94,96,98,100,108,110,112,114,116 Batch: WG2022489-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/23/25 15:41	01/23/25 18:13	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 Batch: WG2020709-2								
Lead, Total	97		-		80-120			
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 Batch: WG2021066-2								
Lead, Total	104		-		80-120			
Total Metals - Mansfield Lab Associated sample(s): 80,82,84,86,88,90,92,94,96,98,100,108,110,112,114,116 Batch: WG2022489-2								
Lead, Total	98		-		80-120			



Matrix Spike Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 QC Batch ID: WG2020709-3 QC Sample: L2501908-02 Client ID: 401-MA3-1-02-C1-COMP												
Lead, Total	52.6	48.1	187	280	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 QC Batch ID: WG2021066-3 QC Sample: L2501908-42 Client ID: 404-MA3-1-04-C1-COMP												
Lead, Total	292	47.7	368	159	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 80,82,84,86,88,90,92,94,96,98,100,108,110,112,114,116 QC Batch ID: WG2022489-3 QC Sample: L2501908-80 Client ID: 401-MA3-1-46-C1-COMP												
Lead, Total	198	48.3	236	79		-	-		75-125	-		20



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 QC Batch ID: WG2020709-4 QC Sample: L2501908-02 Client ID: 401-MA3-1-02-C1-COMP						
Lead, Total	52.6	104	mg/kg	66	Q	20
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78 QC Batch ID: WG2021066-4 QC Sample: L2501908-42 Client ID: 404-MA3-1-04-C1-COMP						
Lead, Total	292	269	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 80,82,84,86,88,90,92,94,96,98,100,108,110,112,114,116 QC Batch ID: WG2022489-4 QC Sample: L2501908-80 Client ID: 401-MA3-1-46-C1-COMP						
Lead, Total	198	124	mg/kg	46	Q	20



INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-01
Client ID: 401-MA3-1-02-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:00
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-02
Client ID: 401-MA3-1-02-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:05
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-03
Client ID: 401-MA3-1-02-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:10
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-04
Client ID: 401-MA3-1-02-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 10:15
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-05
Client ID: 401-MA3-1-03-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:45
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-06
Client ID: 401-MA3-1-03-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:50
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-07
Client ID: 401-MA3-1-03-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 11:55
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-08
Client ID: 401-MA3-1-03-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:00
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-09
Client ID: 401-MA3-1-03-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:05
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-10
Client ID: 401-MA3-1-03-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:10
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-11
Client ID: 401-MA3-1-03-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:15
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-12
Client ID: 401-MA3-1-03-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:20
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-13
Client ID: 401-MA3-1-03-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:25
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-14
Client ID: 401-MA3-1-03-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 12:30
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-15
Client ID: 401-MA3-1-05-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 14:25
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-16
Client ID: 401-MA3-1-05-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 14:30
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	01/14/25 12:58	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-17
Client ID: 401-MA3-1-40-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:10
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	01/14/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-18
Client ID: 401-MA3-1-40-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:15
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/14/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-19
Client ID: 401-MA3-1-40-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:20
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	01/14/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-20
Client ID: 401-MA3-1-40-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/13/25 15:25
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	01/14/25 13:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-21
Client ID: 403-MA3-1-03-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:00
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-22
Client ID: 403-MA3-1-03-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:05
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-23
 Client ID: 403-MA3-1-08-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:15
 Date Received: 01/14/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-24
Client ID: 403-MA3-1-08-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:20
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-25
Client ID: 403-MA3-1-09-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:35
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-26
Client ID: 403-MA3-1-09-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 10:40
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-27
Client ID: 403-MA3-1-18-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 11:55
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-28
Client ID: 403-MA3-1-18-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 12:00
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-29
Client ID: 403-MA3-1-14-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:00
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-30
Client ID: 403-MA3-1-14-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:05
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-31
Client ID: 403-MA3-1-13-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:20
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-32
Client ID: 403-MA3-1-13-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:25
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-33
Client ID: 401-MA3-1-01-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:50
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-34
Client ID: 401-MA3-1-01-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/14/25 13:55
Date Received: 01/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	01/15/25 11:47	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-35
Client ID: 404-MA3-1-03-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 09:15
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-36
Client ID: 404-MA3-1-03-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 09:20
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-37
Client ID: 404-MA3-1-02-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 10:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-38
Client ID: 404-MA3-1-02-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 10:40
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-39
Client ID: 404-MA3-1-01-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 11:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-40
Client ID: 404-MA3-1-01-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 11:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-41
Client ID: 404-MA3-1-04-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 12:50
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	01/16/25 11:29	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-42
Client ID: 404-MA3-1-04-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 12:55
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	01/16/25 12:11	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-43
Client ID: 404-MA3-1-05-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	01/16/25 12:11	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-44
Client ID: 404-MA3-1-05-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	01/16/25 12:11	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-45
Client ID: 404-MA3-1-06-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:40
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	01/16/25 12:11	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-46
Client ID: 404-MA3-1-06-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/15/25 14:45
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/16/25 12:11	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-47
Client ID: 401-MA3-1-41-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:05
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-48
Client ID: 401-MA3-1-41-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:10
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-49
Client ID: 401-MA3-1-41-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:15
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-50
Client ID: 401-MA3-1-41-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:20
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-51
Client ID: 401-MA3-1-41-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:25
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-52
Client ID: 401-MA3-1-41-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:30
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-53
Client ID: 401-MA3-1-41-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:35
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-54
Client ID: 401-MA3-1-41-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:40
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-55
Client ID: 401-MA3-1-41-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:45
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-56
 Client ID: 401-MA3-1-41-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 11:50
 Date Received: 01/16/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-57
Client ID: 401-MA3-1-42-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:20
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-58
Client ID: 401-MA3-1-42-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:25
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-59
Client ID: 401-MA3-1-42-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:30
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.0		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-60
Client ID: 401-MA3-1-42-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:35
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-61
Client ID: 401-MA3-1-42-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:40
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-62
Client ID: 401-MA3-1-42-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:45
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-63
Client ID: 401-MA3-1-42-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:50
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.1		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-64
Client ID: 401-MA3-1-42-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 13:55
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	01/17/25 12:21	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-65
Client ID: 401-MA3-1-42-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:00
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-66
Client ID: 401-MA3-1-42-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 14:05
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-67
Client ID: 401-MA3-1-43-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:25
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-68
Client ID: 401-MA3-1-43-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:30
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-69
Client ID: 401-MA3-1-43-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:35
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-70
Client ID: 401-MA3-1-43-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:40
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-71
Client ID: 401-MA3-1-43-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:45
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-72
Client ID: 401-MA3-1-43-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:50
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-73
Client ID: 401-MA3-1-43-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 15:55
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-74
Client ID: 401-MA3-1-43-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:00
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-75
Client ID: 401-MA3-1-43-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:05
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-76
Client ID: 401-MA3-1-43-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:10
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-77
Client ID: 401-MA3-1-15-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:15
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-78
Client ID: 401-MA3-1-15-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/16/25 16:20
Date Received: 01/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	01/17/25 12:39	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-79
Client ID: 401-MA3-1-46-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:30
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-80
Client ID: 401-MA3-1-46-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:35
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-81
Client ID: 401-MA3-1-46-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:40
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-82
Client ID: 401-MA3-1-46-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 09:45
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-83
Client ID: 401-MA3-1-45-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:15
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-84
Client ID: 401-MA3-1-45-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:20
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-85
Client ID: 401-MA3-1-45-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:25
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-86
Client ID: 401-MA3-1-45-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:30
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-87
Client ID: 401-MA3-1-45-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:35
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-88
Client ID: 401-MA3-1-45-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:40
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-89
Client ID: 401-MA3-1-45-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:45
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.4		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-90
 Client ID: 401-MA3-1-45-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:50
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-91
Client ID: 401-MA3-1-45-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 11:55
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-92
Client ID: 401-MA3-1-45-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:00
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-93
Client ID: 401-MA3-1-48-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:30
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-94
Client ID: 401-MA3-1-48-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:35
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-95
Client ID: 401-MA3-1-48-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:40
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-96
Client ID: 401-MA3-1-48-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:45
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-97
Client ID: 401-MA3-1-48-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:50
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-98
Client ID: 401-MA3-1-48-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 12:55
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	01/18/25 11:27	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-99
Client ID: 401-MA3-1-48-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 13:00
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-100
Client ID: 401-MA3-1-48-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 13:05
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-107
Client ID: 401-MA3-1-47-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:15
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-108
 Client ID: 401-MA3-1-47-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:20
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-109
Client ID: 401-MA3-1-47-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:25
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-110
Client ID: 401-MA3-1-47-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:30
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-111
Client ID: 401-MA3-1-47-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:35
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-112
 Client ID: 401-MA3-1-47-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:40
 Date Received: 01/17/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-113
Client ID: 401-MA3-1-47-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:45
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-114
Client ID: 401-MA3-1-47-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:50
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-115
Client ID: 401-MA3-1-47-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 14:55
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.3		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501908-116
Client ID: 401-MA3-1-47-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/17/25 15:00
Date Received: 01/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	01/18/25 11:36	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-16 QC Batch ID: WG2019616-1 QC Sample: L2501850-02 Client ID: DUP Sample						
Solids, Total	94.8	94.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 17-20 QC Batch ID: WG2019618-1 QC Sample: L2501909-07 Client ID: DUP Sample						
Solids, Total	89.3	89.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-34 QC Batch ID: WG2020027-1 QC Sample: L2501908-21 Client ID: 403-MA3-1-03-C1-VOC						
Solids, Total	83.3	84.8	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 35-41 QC Batch ID: WG2020466-1 QC Sample: L2501908-35 Client ID: 404-MA3-1-03-C1-VOC						
Solids, Total	83.4	82.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 42-46 QC Batch ID: WG2020468-1 QC Sample: L2501908-42 Client ID: 404-MA3-1-04-C1-COMP						
Solids, Total	87.7	87.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 47-64 QC Batch ID: WG2020896-1 QC Sample: L2501908-47 Client ID: 401-MA3-1-41-C1-VOC						
Solids, Total	89.9	90.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 65-78 QC Batch ID: WG2020897-1 QC Sample: L2501908-65 Client ID: 401-MA3-1-42-C5-VOC						
Solids, Total	77.8	76.3	%	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 79-98 QC Batch ID: WG2021222-1 QC Sample: L2501908-79 Client ID: 401-MA3-1-46-C1-VOC					
Solids, Total	92.9	92.6	%	0	20
General Chemistry - Westborough Lab Associated sample(s): 99-101,103,105,107-117 QC Batch ID: WG2021225-1 QC Sample: L2501908-100 Client ID: 401-MA3-1-48-C4-COMP					
Solids, Total	88.8	86.3	%	3	20

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent
A3	Absent
B	Absent
B1	Absent
B3	Absent
C3	Absent
D	Absent
E	Absent
F	Absent
G	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-01A	Vial MeOH preserved	B	NA		5.0	Y	Absent		PA-8260HLW(14)
L2501908-01B	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-01C	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-01D	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2501908-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		PB-TI(180)
L2501908-02B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-03A	Vial MeOH preserved	B	NA		5.0	Y	Absent		PA-8260HLW(14)
L2501908-03B	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-03C	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-03D	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2501908-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-04B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-05A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2501908-05B	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-05C	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-05D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2501908-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2501908-06B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-07A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2501908-07B	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-07C	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-07D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2501908-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2501908-08B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-09A	Vial MeOH preserved	B	NA		5.0	Y	Absent		PA-8260HLW(14)
L2501908-09B	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-09C	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-09D	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2501908-100A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.9	Y	Absent		PB-TI(180)
L2501908-100B	Glass 120ml/4oz unpreserved	F	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-101A	Vial MeOH preserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-101B	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-101C	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-101D	Plastic 120ml unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-102A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-102B	Glass 120ml/4oz unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-103A	Vial MeOH preserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-103B	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-103C	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	ARCHIVE()

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-103D	Plastic 120ml unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-104A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-104B	Glass 120ml/4oz unpreserved	D	NA		4.1	Y	Absent		ARCHIVE()
L2501908-105A	Vial MeOH preserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-105B	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-105C	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-105D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-106A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-106B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-107A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-107B	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-107C	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-107D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2501908-108A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2501908-108B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-109A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-109B	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-109C	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-109D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2501908-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		PB-TI(180)
L2501908-10B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-110A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2501908-110B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-111A	Vial MeOH preserved	D	NA		4.1	Y	Absent		PA-8260HLW(14)
L2501908-111B	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-111C	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-111D	Plastic 120ml unpreserved	D	NA		4.1	Y	Absent		TS(7)
L2501908-112A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.1	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-112B	Glass 120ml/4oz unpreserved	D	NA		4.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-113A	Vial MeOH preserved	F	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-113B	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-113C	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-113D	Plastic 120ml unpreserved	F	NA		2.9	Y	Absent		TS(7)
L2501908-114A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.9	Y	Absent		PB-TI(180)
L2501908-114B	Glass 120ml/4oz unpreserved	F	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-115A	Vial MeOH preserved	D	NA		4.1	Y	Absent		PA-8260HLW(14)
L2501908-115B	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-115C	Vial water preserved	D	NA		4.1	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-115D	Plastic 120ml unpreserved	D	NA		4.1	Y	Absent		TS(7)
L2501908-116A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.1	Y	Absent		PB-TI(180)
L2501908-116B	Glass 120ml/4oz unpreserved	D	NA		4.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-117A	Vial MeOH preserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-117B	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-117C	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	ARCHIVE()
L2501908-117D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-118A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-118B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		ARCHIVE()
L2501908-11A	Vial MeOH preserved	B	NA		5.0	Y	Absent		PA-8260HLW(14)
L2501908-11B	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-11C	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-11D	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2501908-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		PB-TI(180)
L2501908-12B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-13A	Vial MeOH preserved	B	NA		5.0	Y	Absent		PA-8260HLW(14)
L2501908-13B	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-13C	Vial water preserved	B	NA		5.0	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-13D	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2501908-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		PB-TI(180)
L2501908-14B	Glass 120ml/4oz unpreserved	B	NA		5.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-15A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2501908-15B	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-15C	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-15D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2501908-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2501908-16B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-17A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2501908-17B	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-17C	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260HLW(14)
L2501908-17D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2501908-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2501908-18B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-19A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2501908-19B	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260H(14),PA-8260HLW(14)
L2501908-19C	Vial water preserved	A	NA		3.1	Y	Absent	14-JAN-25 03:48	PA-8260H(14),PA-8260HLW(14)
L2501908-19D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2501908-20A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2501908-20B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2501908-21A	Vial MeOH preserved	B1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2501908-21B	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-21C	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-21D	Plastic 120ml unpreserved	B1	NA		2.8	Y	Absent		TS(7)
L2501908-22A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		2.8	Y	Absent		PB-TI(180)
L2501908-22B	Glass 120ml/4oz unpreserved	B1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2501908-23A	Vial MeOH preserved	B1	NA		2.8	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-23B	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-23C	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-23D	Plastic 120ml unpreserved	B1	NA		2.8	Y	Absent		TS(7)
L2501908-24A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		2.8	Y	Absent		PB-TI(180)
L2501908-24B	Glass 120ml/4oz unpreserved	B1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2501908-25A	Vial MeOH preserved	B1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2501908-25B	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-25C	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-25D	Plastic 120ml unpreserved	B1	NA		2.8	Y	Absent		TS(7)
L2501908-26A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		2.8	Y	Absent		PB-TI(180)
L2501908-26B	Glass 120ml/4oz unpreserved	B1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2501908-27A	Vial MeOH preserved	B1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2501908-27B	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-27C	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-27D	Plastic 120ml unpreserved	B1	NA		2.8	Y	Absent		TS(7)
L2501908-28A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		2.8	Y	Absent		PB-TI(180)
L2501908-28B	Glass 120ml/4oz unpreserved	B1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2501908-29A	Vial MeOH preserved	A1	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-29B	Vial water preserved	A1	NA		2.9	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-29C	Vial water preserved	A1	NA		2.9	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-29D	Plastic 120ml unpreserved	A1	NA		2.9	Y	Absent		TS(7)
L2501908-30A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.9	Y	Absent		PB-TI(180)
L2501908-30B	Glass 120ml/4oz unpreserved	A1	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-31A	Vial MeOH preserved	B1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2501908-31B	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-31C	Vial water preserved	B1	NA		2.8	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-31D	Plastic 120ml unpreserved	B1	NA		2.8	Y	Absent		TS(7)
L2501908-32A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		2.8	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-32B	Glass 120ml/4oz unpreserved	B1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2501908-33A	Vial MeOH preserved	A1	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-33B	Vial water preserved	A1	NA		2.9	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-33C	Vial water preserved	A1	NA		2.9	Y	Absent	15-JAN-25 07:58	PA-8260HLW(14)
L2501908-33D	Plastic 120ml unpreserved	A1	NA		2.9	Y	Absent		TS(7)
L2501908-34A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.9	Y	Absent		PB-TI(180)
L2501908-34B	Glass 120ml/4oz unpreserved	A1	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-35A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-35B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-35C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-35D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-36A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-36B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-37A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-37B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-37C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-37D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-38A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-38B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-39A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-39B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-39C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-39D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-40A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-40B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-41A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-41B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-41C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-41D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-42A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-42B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-43A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-43B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-43C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-43D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-44A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-44B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-45A	Vial MeOH preserved	A2	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-45B	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-45C	Vial water preserved	A2	NA		2.5	Y	Absent	16-JAN-25 04:53	PA-8260HLW(14)
L2501908-45D	Plastic 120ml unpreserved	A2	NA		2.5	Y	Absent		TS(7)
L2501908-46A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.5	Y	Absent		PB-TI(180)
L2501908-46B	Glass 120ml/4oz unpreserved	A2	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-47A	Vial MeOH preserved	B3	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-47B	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-47C	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-47D	Plastic 120ml unpreserved	B3	NA		2.5	Y	Absent		TS(7)
L2501908-48A	Metals Only-Glass 60mL/2oz unpreserved	B3	NA		2.5	Y	Absent		PB-TI(180)
L2501908-48B	Glass 120ml/4oz unpreserved	B3	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-49A	Vial MeOH preserved	B3	NA		2.5	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2501908-49B	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260H(14),PA-8260HLW(14)
L2501908-49C	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260H(14),PA-8260HLW(14)
L2501908-49D	Plastic 120ml unpreserved	B3	NA		2.5	Y	Absent		TS(7)
L2501908-50A	Metals Only-Glass 60mL/2oz unpreserved	B3	NA		2.5	Y	Absent		PB-TI(180)
L2501908-50B	Glass 120ml/4oz unpreserved	B3	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-51A	Vial MeOH preserved	B3	NA		2.5	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-51B	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-51C	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-51D	Plastic 120ml unpreserved	B3	NA		2.5	Y	Absent		TS(7)
L2501908-52A	Metals Only-Glass 60mL/2oz unpreserved	B3	NA		2.5	Y	Absent		PB-TI(180)
L2501908-52B	Glass 120ml/4oz unpreserved	B3	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-53A	Vial MeOH preserved	B3	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-53B	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-53C	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-53D	Plastic 120ml unpreserved	B3	NA		2.5	Y	Absent		TS(7)
L2501908-54A	Metals Only-Glass 60mL/2oz unpreserved	B3	NA		2.5	Y	Absent		PB-TI(180)
L2501908-54B	Glass 120ml/4oz unpreserved	B3	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-55A	Vial MeOH preserved	B3	NA		2.5	Y	Absent		PA-8260HLW(14)
L2501908-55B	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-55C	Vial water preserved	B3	NA		2.5	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-55D	Plastic 120ml unpreserved	B3	NA		2.5	Y	Absent		TS(7)
L2501908-56A	Metals Only-Glass 60mL/2oz unpreserved	B3	NA		2.5	Y	Absent		PB-TI(180)
L2501908-56B	Glass 120ml/4oz unpreserved	B3	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2501908-57A	Vial MeOH preserved	C3	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-57B	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-57C	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-57D	Plastic 120ml unpreserved	C3	NA		3.0	Y	Absent		TS(7)
L2501908-58A	Metals Only-Glass 60mL/2oz unpreserved	C3	NA		3.0	Y	Absent		PB-TI(180)
L2501908-58B	Glass 120ml/4oz unpreserved	C3	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-59A	Vial MeOH preserved	C3	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-59B	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-59C	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-59D	Plastic 120ml unpreserved	C3	NA		3.0	Y	Absent		TS(7)
L2501908-60A	Metals Only-Glass 60mL/2oz unpreserved	C3	NA		3.0	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-60B	Glass 120ml/4oz unpreserved	C3	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-61A	Vial MeOH preserved	C3	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-61B	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-61C	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-61D	Plastic 120ml unpreserved	C3	NA		3.0	Y	Absent		TS(7)
L2501908-62A	Metals Only-Glass 60mL/2oz unpreserved	C3	NA		3.0	Y	Absent		PB-TI(180)
L2501908-62B	Glass 120ml/4oz unpreserved	C3	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-63A	Vial MeOH preserved	C3	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-63B	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-63C	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-63D	Plastic 120ml unpreserved	C3	NA		3.0	Y	Absent		TS(7)
L2501908-64A	Metals Only-Glass 60mL/2oz unpreserved	C3	NA		3.0	Y	Absent		PB-TI(180)
L2501908-64B	Glass 120ml/4oz unpreserved	C3	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-65A	Vial MeOH preserved	C3	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-65B	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-65C	Vial water preserved	C3	NA		3.0	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-65D	Plastic 120ml unpreserved	C3	NA		3.0	Y	Absent		TS(7)
L2501908-66A	Metals Only-Glass 60mL/2oz unpreserved	C3	NA		3.0	Y	Absent		PB-TI(180)
L2501908-66B	Glass 120ml/4oz unpreserved	C3	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-67A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		PA-8260HLW(14)
L2501908-67B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-67C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-67D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7)
L2501908-68A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)
L2501908-68B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-69A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		PA-8260HLW(14)
L2501908-69B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-69C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-69D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7)
L2501908-70A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)
L2501908-70B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-71A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		PA-8260HLW(14)
L2501908-71B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-71C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-71D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7)
L2501908-72A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)
L2501908-72B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-73A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		PA-8260HLW(14)
L2501908-73B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-73C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-73D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7)
L2501908-73X	Vial MeOH preserved split	NA	NA			Y	Absent		PA-8260HLW(14)
L2501908-74A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)
L2501908-74B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-75A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		PA-8260HLW(14)
L2501908-75B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-75C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-75D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7)
L2501908-76A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)
L2501908-76B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-77A	Vial MeOH preserved	A3	NA		2.7	Y	Absent		ARCHIVE()
L2501908-77B	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-77C	Vial water preserved	A3	NA		2.7	Y	Absent	17-JAN-25 08:41	PA-8260HLW(14)
L2501908-77D	Plastic 120ml unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-8260HLW(14)
L2501908-77X	Vial MeOH preserved split	NA	NA			Y	Absent		PA-8260HLW(14)
L2501908-78A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		2.7	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-78B	Glass 120ml/4oz unpreserved	A3	NA		2.7	Y	Absent		TS(7),PA-PAH(14)
L2501908-79A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-79B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-79C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-79D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-80A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-80B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-81A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-81B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-81C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-81D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-82A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-82B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-83A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2501908-83B	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-83C	Vial water preserved	G	NA		3.0	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-83D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2501908-84A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2501908-84B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2501908-85A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-85B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-85C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-85D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-86A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-86B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-87A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-87B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-87C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-87D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-88A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-88B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-89A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-89B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-89C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-89D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-90A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-90B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-91A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2501908-91B	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-91C	Vial water preserved	E	NA		3.6	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-91D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2501908-92A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2501908-92B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2501908-93A	Vial MeOH preserved	F	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-93B	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-93C	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-93D	Plastic 120ml unpreserved	F	NA		2.9	Y	Absent		TS(7)
L2501908-94A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.9	Y	Absent		PB-TI(180)
L2501908-94B	Glass 120ml/4oz unpreserved	F	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-95A	Vial MeOH preserved	F	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-95B	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-95C	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-95D	Plastic 120ml unpreserved	F	NA		2.9	Y	Absent		TS(7)
L2501908-96A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.9	Y	Absent		PB-TI(180)
L2501908-96B	Glass 120ml/4oz unpreserved	F	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-97A	Vial MeOH preserved	F	NA		2.9	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2501908**Project Number:** P044.001.001**Report Date:** 01/24/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501908-97B	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-97C	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-97D	Plastic 120ml unpreserved	F	NA		2.9	Y	Absent		TS(7)
L2501908-98A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.9	Y	Absent		PB-TI(180)
L2501908-98B	Glass 120ml/4oz unpreserved	F	NA		2.9	Y	Absent		TS(7),PA-PAH(14)
L2501908-99A	Vial MeOH preserved	F	NA		2.9	Y	Absent		PA-8260HLW(14)
L2501908-99B	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-99C	Vial water preserved	F	NA		2.9	Y	Absent	18-JAN-25 05:53	PA-8260HLW(14)
L2501908-99D	Plastic 120ml unpreserved	F	NA		2.9	Y	Absent		TS(7)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2501908
Report Date: 01/24/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954


Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Request To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 238 8171 x92
 Customer Project #: P044.001.001 T-Mail: nscala@terraphase.com
 Project Name: BDH Invoice to: C: E-Mail: alexander.strohi@terraphase.com
 Site Collection Info/Facility ID (if applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: AK PT MT CT ET Country / State origin of sample(s):

LAB USE ONLY - Affix Workorder/Login Label Here
 **L2501908** **20JAN25**
TERRAPHASE

Specify Container Size **
 1L 2L 3L 4L 5L 6L 7L 8L 9L 10L 11L 12L 13L 14L 15L 16L 17L 18L 19L 20L

Identify Container Preservation Type***
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Analysis Requested
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Regulatory Program (DW, RCRA, etc.) is applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
 Date Results Requested: _____
 DW PWSID # or WW Permit # (if applicable): _____
 Field Filtered (if applicable): Yes No
 Analysis: _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Bioaer (PL), Soil/Sediment (SS), Oil (OI), Wipe (WP), Tissue (TS), Biosay (BS), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Caulk (CK), Leachate (L), Bioaer (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Result	Units					
401-MA3-1-02-C1-VOC	SD	G	1/13/25	10:00	1/13/25	10:00	4			X				
401-MA3-1-02-C1-COMP		C		10:05		10:05	2				X	X		
401-MA3-1-02-C2-VOC		G		10:10		10:10	4			X				
401-MA3-1-02-C2-COMP		C		10:15		10:15	2				X	X		
401-MA3-1-03-C1-VOC		G		11:45		11:45	4			X				
401-MA3-1-03-C1-COMP		C		11:50		11:50	2				X	X		
401-MA3-1-03-C2-VOC		G		11:55		11:55	4			X				
401-MA3-1-03-C2-COMP		C		12:00		12:00	2				X	X		
401-MA3-1-03-C3-VOC		G		12:05		12:05	4			X				
401-MA3-1-03-C3-COMP		C		12:10		12:10	2				X	X		

Additional Instructions from Pace*: Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chulko
 Signature: *Samantha Chulko*
 Customer Remarks / Special Conditions / Possible Hazards: _____
 Control Interference Chemical Hazard Biohazard Other

Requested by/Company (Signature): *TEI* Date/Time: 1/13/25 16:11
 Requested by/Company (Signature): *John P. Pace* Date/Time: 1/13/25 18:15
 Requested by/Company (Signature): *TEI* Date/Time: 1/14/25 00:20
 Requested by/Company (Signature): *TEI* Date/Time: 1/14/25 00:20

Track Log Number: _____
 Created by: J. Pace J. Pace
 J. Pace J. Pace J. Pace
 Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubfs/pacelabs-terms.pdf>
 1114 0235 1114 0235 1114 0235

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder Login Label Here
L2501908
Scan QR Code for instructions

Company Name: Terraphase Engineering Inc. Contact/Report to: Nick Scala
Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 800.236.8171 x02
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.stroh@terraphase.com

Customer Project #: P044,001,001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AM PM MT ET
County / State origin of sample(s):

Data Deliverables: Regulatory Program (D/W, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other: None
Date Results Requested: Same Day 1 Day 2 Day 3 Day Other: None
bW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): Yes No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Residue (RS), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (S), Cask (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume Result Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservation 400-compliance identified for sample
			Date	Time	Date	Time						
401-MA3-1-03-C4-VOC	SO	G	1/13/24	12:15	1/13/25	12:15	4		X			
401-MA3-1-03-C4-COMP		C		12:20		12:20	2		X	X		
401-MA3-1-03-C5-VOC		G		12:25		12:25	4		X			
401-MA3-1-03-C5-COMP		C		12:30		12:30	2		X	X		
401-MA3-1-05-C1-VOC		G		14:25		14:25	4		X			
401-MA3-1-05-C1-COMP		C		14:30		14:30	2		X	X		
401-MA3-1-40-C1-VOC		G		15:10		15:10	4		X			
401-MA3-1-40-C1-COMP		C		15:15		15:15	2		X	X		
401-MA3-1-40-C2-VOC		G		15:20		15:20	4		X			
401-MA3-1-40-C2-COMP		C		15:25		15:25	2		X	X		

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Signature: *Sall Cell*

Customer Remarks / Special Conditions / Possible Hazard:

Received by/Company (Signature): *Sall Cell TEI* Date/Time: 1/13/25 16:11
Received by/Company (Signature): *Michelle Pace* Date/Time: 1/13/25 16:11
Received by/Company (Signature): *John Flew* Date/Time: 1/13/25 17:15
Received by/Company (Signature): *[Signature]* Date/Time: 1/13/25 22:15
Received by/Company (Signature): *[Signature]* Date/Time: 1/14/25 00:20

Tracking Number: *22*
Generated by: Job Project Customer
 Draft URS Other
Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelab.com/hubs/pos-standard-terms.pdf>

1/14/25 0235

1/14 0235

ENV-FRM-CORQ-0019_v02 11/01/23 ©

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x92
Customer Project #: PD44,001.001 E-Mail: nick.scala@terraphase.com
Project Name: BDH Invoice to: alexander.strohh@terraphase.com
Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable):
3144 W. Passyunk Ave, Philadelphia PA Invoice E-mail:
Time Zone Collected: [] AM [] PM [] MT [] CT [X] ET County / State origin of sample(s):

Specify Container Size **

5	10	15					
---	----	----	--	--	--	--	--

 ** Container Size: (1) 1L, (2) 500ml, (3) 250ml, (4) 125ml, (5) 100ml, (6) 40ml vial, (7) 20ml, (8) TerraCure, (9) 50ml, (10) Other

Identify Container Preservation Type***

1	1	1					
---	---	---	--	--	--	--	--

 *** Preservation Types: (1) Head, (2) Head, (3) H2SO4, (4) H2SO4, (5) H2SO4, (6) To Antacid, (7) H2SO4, (8) Soil, (9) Soil, (10) Acetic Acid, (11) MCHP, (12) Other

Analysis Requested:

Shortlist 1-5 VOCs (8260)							
Shortlist 1-5 SVOCs (8270)							
Lead (6010)							

 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other: _____ IAW PWSID # or WW Permit # as applicable:
 Date Results Requested: _____ Field Filtered (if applicable): [] Yes [] No
 Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (OL), Wipe (W), Tissue (TS), Biosolids (BL), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (L), Blood (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grabs	Composite Start		Collected or Composite End		# Cont.	Analysis	Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Proj. Mgr.	Assignment / Client ID	Lab #	Field / Terminal	Presig / Receipt Code, ID	Sample Comment
			Date	Time	Date	Time													
403-MA3-1-03-CI-VOC	SO	G	1/14/25	10:00	1/14/25	10:00	4				X								
403-MA3-3-03-CI-COMP	SO	C	1/14/25	10:05	1/14/25	10:05	2					X	X						
403-MA3-3-08-CI-VOC	SO	G	1/14/25	10:15	1/14/25	10:15	4				X								
403-MA3-2-08-CI-COMP	SO	C	1/14/25	10:20	1/14/25	10:20	2				X	X							
403-MA3-2-09-CI-VOC	SO	G	1/14/25	10:35	1/14/25	10:35	4				X								
403-MA3-2-09-CI-COMP	SO	C	1/14/25	10:40	1/14/25	10:40	2					X	X						
403-MA3-1-18-CI-VOC	SO	G	1/14/25	11:55	1/14/25	11:55	4				X								
403-MA3-1-18-CI-COMP	SO	C	1/14/25	12:00	1/14/25	12:00	2				X	X							
403-MA3-1-14-CI-VOC	SO	G	1/14/25	13:00	1/14/25	13:00	4				X								
403-MA3-1-14-CI-COMP	SO	C	1/14/25	13:05	1/14/25	13:05	2				X	X							

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chubb
 Printed Name: _____
 Signature: *Sattell*

Customer Remarks / Special Conditions / Possible Hazards:
 Project: _____
 Location: _____
 Date: _____
 Time: _____

Received by Company (Signature): *Sattell* Date/Time: 1/14/25 14:27
 Received by Company (Signature): *Michael Du Palle* Date/Time: 1/14/25 14:27
 Received by Company (Signature): *PAACE* Date/Time: 1/14/25 14:40
 Received by Company (Signature): _____ Date/Time: 1/14/25 22:50
 Received by Company (Signature): _____ Date/Time: 01/15/25 01:30

Page: 1 of 2

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Date-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Contact/Report To: Nick Scilla
Phone#: 609 236 8171 x82
E-Mail: nick.scilla@terraphase.com
Alt E-Mail: alexander.stroh@terraphase.com

Company Address:
 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Customer Project #: P044,001,001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W, Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET
County/State of origin of sample(s):

Data Deliverables:
 Level II Level III Level IV
 EDDs
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW RWSD # or VAW Permit # as applicable: _____
Field Filtered (If applicable): Yes No
Analysis: _____

*** Matrix Codes (insert in Matrixes below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SO), Oil (O), Wipe (WP), Tissue (T), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Carle (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Yielded Container		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Inclusion	Sample Comment
			Date	Time	Date	Time		Result	Units					
403-MA3-1-13-CI-VOC	So	G	1/14/25	13:20	1/14/25	13:20	4			X				
403-MA3-1-13-CI-COMP	So	C	1/14/25	13:25	1/14/25	13:25	2				X	X		
401-MA3-1-01-CI-VOC	So	G	1/14/25	13:50	1/14/25	13:50	4			X				
401-MA3-1-01-CI-COMP	So	C	1/14/25	13:55	1/14/25	13:55	2				X	X		

Additional Instructions from Pacer®: Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Printed Name: *Sth Ch*
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *[Signature]*
Date/Time: 1/14/25 14:27
Received by/Company (Signature): *[Signature]*
Date/Time: 1/14/25 15:02
Received by/Company (Signature): *[Signature]*
Date/Time: 1/14/25 18:40
Received by/Company (Signature): *[Signature]*
Date/Time: 1/14/25 22:50

Tracking Number: _____
Received by: Person Courier
 FEDEX UPS Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/field-services-standard-terms.pdf>

01/15/25-0130

L2501408

Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609 236 8171 x32
Customer Project #: P044.001.001 **E-Mail:** nick.scala@terraphase.com
Project Name: BDH **Ex. E-Mail:** alexander.abraham@terraphase.com
Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA **Invoice to:**
Invoice E-mail:
Site Zone Collected: T&K IPT IMT ICF EF **County / State (edge of sample(s)):**
Date Deliverables: Level I Level II Level III **Regulatory Program (DW, RCRA, etc.) if applicable:** **Reportable:** Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day **DW PWSID # or WW Permit # as applicable:**
Date Results Requested: **Field Filtered (if applicable):** Yes No
Analysis:
*** Matrix Codes (insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Other (O), Wipe (WPL), River (R), Biosay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CA), Grease (GL), Bioreid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Status	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
404-MA3-1-03-C1-VOC	Sg	G	1/15/25	9:15	1/15/25	9:15	4		X			
404-MA3-1-03-C1-COMP		C		9:20		9:20	2		X	X		
404-MA3-1-02-C1-VOC		G		10:35		10:35	4		X			
404-MA3-1-02-C1-COMP		C		10:40		10:40	2		X	X		
404-MA3-1-01-C1-VOC		G		11:30		11:30	4		X			
404-MA3-1-01-C1-COMP		C		11:35		11:35	2		X	X		
404-MA3-1-04-C1-VOC		G		12:50		12:50	4		X			
404-MA3-1-04-C1-COMP		C		12:55		12:55	2		X	X		
404-MA3-1-05-C1-VOC		G		14:30		14:30	4		X			
404-MA3-1-05-C1-COMP		C		14:35		14:35	2		X	X		

Additional Instructions from Pace®: alpha job # L2501408
 Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Printed Name: Samantha Chubb
Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): [Signature] **Date/Time:** 1/15/25 15:21

Received by/Company (Signature): [Signature] **Date/Time:** 1/15/25 19:55

Received by/Company (Signature): Anthony Green **Date/Time:** 1/16/25 01:20

Received by/Company (Signature): [Signature] **Date/Time:** 1/16/25 01:20

Received by/Company (Signature): [Signature] **Date/Time:** 1/16/25 03:20

Received by/Company (Signature): [Signature] **Date/Time:** 01/16/25-0320

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacekbs.com/publications/standard-form.pdf>. ENV-FRM-COQ-0016_002_110123 ©

L2501908

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609-236-8171 x92
Customer Project #: P044.001.001 **E-Mail:** nick.scala@terraphase.com
Project Name: BDH **C.E. Mail:** alexander.strohl@terraphase.com
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA **Invoice to:**
Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET **County / State origin of sample(s):**

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (O), Wipe (WP), Tissue (T), Biosay (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (Sl), Caulk (C), Grease (G), Resinoid (RS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Oxygen	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
404-MA3-1-06-C1-VOC	SO	G	1/15/25	14:40	1/15/25	14:40	4		X			
404-MA3-1-06-C1-COMP	SO	C	↓	14:45	↓	14:45	2		X	X		

Additional Instructions from Pace: alpha job # L2501908
 Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Printed Name: [Signature]
Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company Signature: [Signature] **Date/Time:** 1/15/25 @ 15:21

Received by/Company Signature: [Signature] **Date/Time:** 1/15/25 19:55

Received by/Company Signature: Anthony Green **Date/Time:** JAN 15 2025 08:15

Received by/Company Signature: [Signature] **Date/Time:** 1/16/25 01:20

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <http://info.pacelabs.com/files/pes-standard-terms.pdf>

01116125-0320

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: PD44,001,001

Contact/Report To: Nick Scala
Phone #: 609 236 8171 ext2
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.strobl@terraphase.com

Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: [] AR [] PT [] MT [] CT [X] ET
Country / State origin of sample(s):

Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [X] No
Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other
Date Results Requested:
DW Permit # or WW Permit # as applicable:
Field Filtered (if applicable): [] Yes [] No
Analysis:

Specify Container Size**
10 20
Identify Container Preservative Type***
1 1 1

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL Vial, (7) EcoCup, (8) TapWater, (9) 50mL, (10) Other
Preservative Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) 2% Ascorbic Acid, (7) H2O2, (8) Salt, (9) Acetic Acid, (10) MeOH, (11) Other

Analysis Requested
Shortlist 1-5 VOCs (8260)
Shortlist 1-5 SVOCs (8270)
Lead (6010)

Matrix Code (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL/Sol/Solid (S), Oil (OL), Wipe (WF), Sludge (S), Sewage (S), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cask (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Retrial/Change		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
401-MA3-1-41-C1-VOC	So	G	1/16/25	11:05	1/16/25	11:05	4			X			
401-MA3-1-41-C1-COMP		C		11:10		11:10	2				X		
401-MA3-1-41-C2-VOC		G		11:15		11:15	4			X			
401-MA3-1-41-C2-COMP		C		11:20		11:20	2				X		
401-MA3-1-41-C3-VOC		G		11:25		11:25	4			X			
401-MA3-1-41-C3-COMP		C		11:30		11:30	2				X		
401-MA3-1-41-C4-VOC		G		11:35		11:35	4			X			
401-MA3-1-41-C4-COMP		C		11:40		11:40	2				X		
401-MA3-1-41-C5-VOC		G		11:45		11:45	4			X			
401-MA3-1-41-C5-COMP		C		11:50		11:50	2				X		

Additional Instructions from Pace®: SDG # L2501908
Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubob
Printed Name: Samantha Chubob
Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): [Signature] TEI
Date/Time: 1/16/25 16:27
Received by/Company (Signature): [Signature] Pace
Date/Time: 1/16/25 17:15
Received by/Company (Signature): Anthony Green
Date/Time: 1/16/25 0040
Received by/Company (Signature): [Signature]
Date/Time: 1/17/25 0240

Tracking Issues:
Delivered by: [] Express [] UPS [] Other
Page: 1 of 4

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all (italics) (i.e.)

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x92
 E-Mail: nick.scala@terraphase.com
 Ce E-Mail: alexander.strohl@terraphase.com

Customer Project #: PD44 001 001 Invoice to:
 Project Name: BDH Invoice E-mail:
 Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable):
3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET County / State (single or multiple):

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 [] Level II [] Level III [] Level IV
 [] ECHS
 [] Other
 Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other: _____ DW PWSID # or MW Permit # as applicable:
 Date Results Requested: _____ Field Filtered (if applicable): [] Yes [] No
 Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Process (P), Soil/Sediment (S), Oil (O), Wipe (WF), Tissue (T), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (LL), Biosolids (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residuals		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Preservation non-compliance identified for sample
			Date	Time	Date	Time		Result	Units					
401-MA3-1-42-C1-VOC	So	G	1/16/25	13:20	1/16/25	13:20	4			X				
401-MA3-1-42-C1-COMP		C		13:25		13:35	2				X	X		
401-MA3-1-42-C2-VOC		G		13:30		13:30	4			X				
401-MA3-1-42-C2-COMP		C		13:35		13:35	2				X	X		
401-MA3-1-42-C3-VOC		G		13:40		13:40	4			X				
401-MA3-1-42-C3-COMP		C		13:45		13:45	2				X	X		
401-MA3-1-42-C4-VOC		G		13:50		13:50	4			X				
401-MA3-1-42-C4-COMP		C		13:55		13:55	2				X	X		
401-MA3-1-42-C5-VOC		G		14:00		14:00	4			X				
401-MA3-1-42-C5-COMP		C		14:05		14:05	2				X	X		

Additional Instructions from Pace®: SDG # 22561908
 Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chubb
 Signature: *SChubb*
 Customer Remarks / Special Conditions / Possible Hazards:
 [] Solvents [] Herbicides [] Oil [] Grease [] Other: _____

Requested by/Company (Signature): <i>TEI</i>	Date/Time: 1/16/25 16:22	Accepted by/Company (Signature): <i>COOL OUR PALE</i>	Date/Time: 1/16/25 16:27
Requested by/Company (Signature): <i>COOL OUR PALE</i>	Date/Time: 1/16/25	Accepted by/Company (Signature): <i>PALE</i>	Date/Time: 1/16/25 17:15
Requested by/Company (Signature): <i>Antony Green</i>	Date/Time: 1/16/25	Accepted by/Company (Signature): <i>Antony Green</i>	Date/Time: JAN 16 2025 02:30
Requested by/Company (Signature): <i>Antony Green</i>	Date/Time: 1/16/25 02:40	Accepted by/Company (Signature): <i>Antony Green</i>	Date/Time: 1/16/25 02:40

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelab.com/hubfs/pac-standard-terms.pdf>

Page: 2 of 4

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Contact/Report To: Nick Scala
Phone #: 609 236 8171 x92
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.strohl@terraphase.com

Customer Project #: P044.001.001
Project Name: BDH

Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET

Data Deliverables:
 Level II Level III Level IV
 EQLS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No

Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): Yes No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL/Solid) (PS), Oil (OL), Wires (WP), Tissue (TS), Bioassay (R), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cook (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Calculated	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Sample Comment
			Date	Time	Date	Time							
401-MA3-1-43-C1-VOC	So	G	1/16/25	15:25	1/16/25			X					
401-MA3-1-43-C1-COMP		C		15:30					X	X			
401-MA3-1-43-C2-VOC		G		15:35				X					
401-MA3-1-43-C2-COMP		C		15:40					X	X			
401-MA3-1-43-C3-VOC		G		15:45				X					
401-MA3-1-43-C3-COMP		C		15:50					X	X			
401-MA3-1-43-C4-VOC		G		15:55				X					
401-MA3-1-43-C4-COMP		C		16:00					X	X			
401-MA3-1-43-C5-VOC		G		16:05				X					
401-MA3-1-43-C5-COMP		C		16:10					X	X			

Additional Instructions from Pace®: SDG # 22501908
Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Colonn: _____ Parameter ID: _____ Collection Factor (CF): _____ Obs. Temp (TC): _____ Corrected Temp (TC): _____ On Ice

Retrieved by/Company: Signature: <i>[Signature]</i> TEI	Date/Time: 1/16/25 16:27	Received by/Company: Signature: <i>[Signature]</i> pace	Date/Time: 1/16/25 16:27	Tracking Number:
Retrieved by/Company: Signature: <i>[Signature]</i> pace	Date/Time: 1/16/25	Received by/Company: Signature: <i>[Signature]</i> pace	Date/Time: 1/16/25 17:15	Delivered by: <input type="checkbox"/> Person <input type="checkbox"/> Courier
Retrieved by/Company: Signature: <i>[Signature]</i>	Date/Time: 1/16/25	Received by/Company: Signature: Anthony Green	Date/Time: JAN 16 2025 22:40	<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other
Retrieved by/Company: Signature: Anthony Green	Date/Time: 1/16/25 00:00	Received by/Company: Signature: <i>[Signature]</i>	Date/Time: 1/16/25 00:00	Page: 3 of 4


Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/public/pac-standard-terms.pdf>

ENV-FAM-CORD-0014_W02_110123_B1

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

LAB USE ONLY - ARIA Workcenter Login Label Here



Scan QR Code for Instructions

Company Name: Terraphase Engineering Inc.
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
 Contact/Report To: Nick Scala
 Phone #: 800 238 8171 x92
 E-Mail: nick_scala@terraphase.com
 CC E-Mail: alexander.strohl@terraphase.com

Customer Project #: P044.001.001
 Project Name: BDH
 Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zones Collected: AK PT MT CT ET
 County / State origin of sample(s):

Data Desires:
 Level III Level II Level IV
 EDDIS
 Other:

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other: _____
 Date Results Requested: _____
 DW PWSID # or WWP Permit # as applicable: _____
 Field Filtered (if applicable): Yes No
 Analysis: _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil/DL, Waste (WP), Tissue (T), Rinse/wash (R), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (S), Comb (C), Leachate (L), Biosolid (B), Other (O)

Customer Sample ID	Matrix	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Volume	Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Proj. Mgr	ACCDNum / Client ID	Table #	Profile / Template	Filing / Bottle Ord. ID	Sample Comment	
			Date	Time	Date	Time														
401-MA3-1-15-C1-VOL	SO	G	1/16/25	16:15	1/16/25	16:15	4				X									
401-MA3-1-15-C1-COMP	↓	C	↓	16:20	↓	16:20	2				X	X								

Additional instructions from Pace®: SPG # L2501908
 Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/16/25 16:27
 Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/16/25 16:15
 Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/16/25 00:40
 Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/16/25 02:50

Received by Company (Signature): *Anthony Green* Date/Time: 1/16/25 16:27
 Received by Company (Signature): *Anthony Green* Date/Time: 1/16/25 16:15
 Received by Company (Signature): *Anthony Green* Date/Time: 1/16/25 00:40
 Received by Company (Signature): *Anthony Green* Date/Time: 1/17/25 02:40

Customer Remarks / Special Conditions / Possible Hazards: *JAN 16 2025 0240*

Page: 4 of 4

L2501908 24JAN25
TERRAPHASE



Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Contract/Report To: Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Phone #: 609 236 8171 x92
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.strohl@terraphase.com

Customer Project #: PD44,001,001
Project Name: BDH
See Collection info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: [] AE [] PT [] MT [] CT [X] ET
County / State (origin of sample(s)):



Scan QR Code for instructions

Data Deliverables:
 [] Level I [] Level II [] Level III
 [] ITOUS
 [] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Yes No
Reproducible: Yes No

Rush (Pre-approval required):
 [] Same Day [] 1 Day [] 2 Day [] 3 Day Other: _____
Date Results Requested: _____
DW PWSID # or WW Permit # as applicable: _____
Field Filtered (if applicable): Yes No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL), Soil/Solid (SS), Oil/JUL Wipe (OW), Tissue (TS), Biossey (BS), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Sewer (SK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grabs	Composite Start		Collected or Composite End		# Cont.	Residual Volume		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
79 401-MA3-1-46-C1-VOC	So	G	1/17/25	9:30	1/17/25	9:30	4			X			
80 401-MA3-1-46-C1-comp		C		9:35		9:35	2				X	X	
81 401-MA3-1-46-C2-VOC		G		9:40		9:40	4			X			
82 401-MA3-1-46-C2-comp		C		9:45		9:45	2				X	X	
83 401-MA3-1-45-C1-VOC		G		11:15		11:15	4			X			
84 401-MA3-1-45-C1-comp		C		11:20		11:20	2				X	X	
85 401-MA3-1-45-C2-VOC		G		11:25		11:25	4			X			
86 401-MA3-1-45-C2-comp		C		11:30		11:30	2				X	X	
87 401-MA3-1-45-C3-VOC		G		11:35		11:35	4			X			
88 401-MA3-1-45-C3-comp		C		11:40		11:40	2				X	X	

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chulao
Printed Name: _____
Signature: _____

Specify Container Size **

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Identify Container Preservative Type***

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Analysis Requested

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Customer Remarks / Special Conditions / Possible Hazards:

Received by (Company): TEL	Date/Time: 1/17/25 1620	Received by (Signature): [Signature]	Date/Time: 1/17/25 1620	Tracking Number:
Received by (Company): [Signature]	Date/Time: 1/17/25 1836	Received by (Signature): [Signature]	Date/Time: 1/17/25 1836	Delivery to (City/State):
Received by (Company): Anthony Green	Date/Time: 1/18/25 0100	Received by (Signature): Anthony Green	Date/Time: JAN 17 2025 02:50	Delivery to (City/State):
Received by (Company): [Signature]	Date/Time: 1/18/25 0300	Received by (Signature): [Signature]	Date/Time: 1/18/25 03:00	Delivery to (City/State):

Submitting a sample via this chain of custody constitutes a declaration of the sender's acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/subs/pay-variant-terms.pdf>

Page: 1 of 4
 ENV-FRM-CORD-0019_V02_110123 (R)

12501908

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all required fields.

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 ext2
 E-MAIL: nick.scala@terraphase.com
 Cc E-Mail: alexander.stroh@terraphase.com
 Customer Project #: P044.001.001 Invoice to:
 Project Name: BOH Invoice E-mail:
 Site Collection Info/Facility ID (if applicable): Purchase Order # (if applicable):
3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: [] AR [] PT [] MT [] CT ET County / State origin of sample(s):

Data Deliverables: Regulatory Program (DWR, RCRA, etc.) as applicable: Reportable: [] Yes [] No
 Level II Level III Level IV
 EROG Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other _____ DWR PWS# # or WW Permit # if applicable
 Other: Date Results Requested: [] Yes [] No
 * Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (O), Wipe (WP), Tissue (T), Breathable (B), Vapor (V), Surface Water (SW), Sediment (SF), Sludge (S), Cask (CK), Leachate (LL), Biosolid (BS), Other (OT) Ref: Filtered (if applicable): [] Yes [] No Analysis:

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Obsvns		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
89 401-MA3-1-45-C4-VOC	So	G	1/17/25	11:45	1/17/25	11:45	4			X			
90 401-MA3-1-45-C4-Comp		C		11:50		11:50	2				X	X	
91 401-MA3-1-45-C5-VOC		G		11:55		11:55	4			X			
92 401-MA3-1-45-C5-Comp		C		12:00		12:00	2				X	X	
93 401-MA3-1-48-C1-VOC		G		12:30		12:30	4			X			
94 401-MA3-1-48-C1-Comp		C		12:35		12:35	2				X	X	
95 401-MA3-1-48-C2-VOC		G		12:40		12:40	4			X			
96 401-MA3-1-48-C2-Comp		C		12:45		12:45	2				X	X	
97 401-MA3-1-48-C3-VOC		G		12:50		12:50	4			X			
98 401-MA3-1-48-C3-Comp		C		12:55		12:55	2				X	X	

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com
 Collected By: Printed Name: **Samantha Chubb** Signature: _____
 Customer Remarks / Special Conditions / Possible Hazards: _____

Received by/Company (Signature): **TEI** Date/Time: **1/17/25 1620** Received by/Company (Signature): **PACE** Date/Time: **1/17/25 1620** Tracking Number: _____
 Received by/Company (Signature): **Anthony Green** Date/Time: **1/17/25 1730** Received by/Company (Signature): **Anthony Green** Date/Time: **1/17/25 1736** Received by: [] Lab [] Facility [] 3rd Party
 Received by/Company (Signature): **Anthony Green** Date/Time: **1/17/25 0100** Received by/Company (Signature): **Anthony Green** Date/Time: **JAN 17 2025 0250** () 1000 () 1000 () 1000
 Received by/Company (Signature): **Anthony Green** Date/Time: **1/18/25 0100** Received by/Company (Signature): **Anthony Green** Date/Time: **1/18/25 05:00** Page: **2** of **4**

12501908

Pace Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Report to: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 8171 x32
 E-Mail: nick.scala@terraphase.com
 Customer Project #: P044.001.001 Cr E-Mail: alexander.stroh@terraphase.com
 Project Name: BDH Invoice to:
 Site Collection Info/Facility ID (if applicable): Purchase Order # (if applicable): Invoice E-mail:
3144 W. Passyunk Ave, Philadelphia PA Create #: 3144

Time Zone Collected: AK PT MT CT ET Country / State origin of sample(s):

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable Reportable Yes No
 Level II Level III Level IV
 EDDs Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____ DW PWSID # or MW Permit # as applicable:
 Other: _____ Date Results Requested: _____ (not filtered if applicable) Yes No
 Analytical: _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SS), Oil (OI), Waste (WV), Tissue (TS), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SEB), Sludge (SL), Gash (CK), Leachate (LL), Residual (RS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Checks		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Preservation non-conformance identified for sample
			Date	Time	Date	Time		Result	Units					
99 401-MA3-1-48-C4-VOC	SO	G	1/17/25	13:00	1/17/25	13:00	4			X				
100 401-MA3-1-48-C4-comp		C		13:05		13:05	2				X	X		
101 401-MA3-1-49-C1-VOC		G		15:10		15:10	4			X				
102 401-MA3-1-49-C1-comp		C		15:15		15:15	2				X	X		
103 401-MA3-1-49-C2-VOC		G		15:20		15:20	4			X				
104 401-MA3-1-49-C2-comp		C		15:25		15:25	2				X	X		
105 401-MA3-1-49-C3-VOC		G		15:30		16:30	4			X				
106 401-MA3-1-49-C3-comp		C		15:35		15:35	2				X	X		
107 401-MA3-1-47-C1-VOC		G		14:15		14:15	4			X				
108 401-MA3-1-47-C1-comp		C		14:20		14:20	2				X	X		

Additional Instructions from Pace: Please send EDDs to EDD@terraphase.com

Collected By: Printed Name: Samantha Chubb Signature: *Samantha Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *AD TEI* Date/Time: 1/17/25 16:20
 Received by/Company (Signature): *Anthony Green* Date/Time: 1/17/25 18:36
 Received by/Company (Signature): *Anthony Green* Date/Time: 1/17/25 00:00
 Received by/Company (Signature): *Anthony Green* Date/Time: 1/18/25 03:00

Received by/Company (Signature): *Anthony Green* Date/Time: 1/17/25 16:20
 Received by/Company (Signature): *Anthony Green* Date/Time: 1/17/25 18:36
 Received by/Company (Signature): *Anthony Green* Date/Time: JAN 17 2025 00:50
 Received by/Company (Signature): *Anthony Green* Date/Time: 1/18/25 00:00

Page: 3 of 4

Submitting a sample via this chain-of-custody constitutes your acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/chain-of-custody-terms>

ENV-FRM-COR1-0019_v02_110123 ©

L2501908

Pace® Location Requested (City/State): CHAIN-OF-CUSTODY Analytical Request Document
 Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 608 236 8171 x92
Customer Project #: P044.001.001 **Invoice to:**
Project Name: BDH **Invoice E-mail:**
Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA **Purchase Order # (if applicable):**
Time Zone Collected: AK PT MT CT ET **Country / State origin of sample(s):**
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable Reportable Yes No
 Level II Level B Level A
 EDUS **Rush (Pre-approval required):** Same Day 1 Day 2 Day 3 Day Other _____ **DW PWSID # or WW Permit # as applicable:**
 Other _____ **Requested:** **Field Filtered (if applicable):** Yes No **Analysis:**
 * Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Effluent (E), Wipe (WV), Tissue (TS), Biotoxin (B), Vapor (V), Surface-Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Equip / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Differ-		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservative use - confirmance identified for sample
			Date	Time	Date	Time		Result	Units				
109 401-MA3-1-47-C2-VOL	SO	G	1/17/25	14:25	1/17/25	14:25	4			X			
110 401-MA3-1-47-C2-comp		C		14:30		14:30	2			X	X		
111 401-MA3-1-47-C3-VOL		G		14:35		14:35	4			X			
112 401-MA3-1-47-C3-comp		C		14:40		14:40	2			X	X		
113 401-MA3-1-47-C4-VOL		G		14:45		14:45	4			X			
114 401-MA3-1-47-C4-comp		C		14:50		14:50	2			X	X		
115 401-MA3-1-47-C5-VOL		G		14:55		14:55	4			X			
116 401-MA3-1-47-C5-comp		C		15:00		15:00	2			X	X		
117 401-MA3-1-17-C1-VOL		G		15:40		15:40	4			X			
118 401-MA3-1-17-C1-comp		C		15:45		15:45	2			X	X		

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com
Collected By: Samantha Chubb
Signature: [Signature]
Customer Remarks / Special Conditions / Possible Hazards:
 Corrosive Thermosensitive Corrosive / Hazardous Biohazard Infectious Other _____

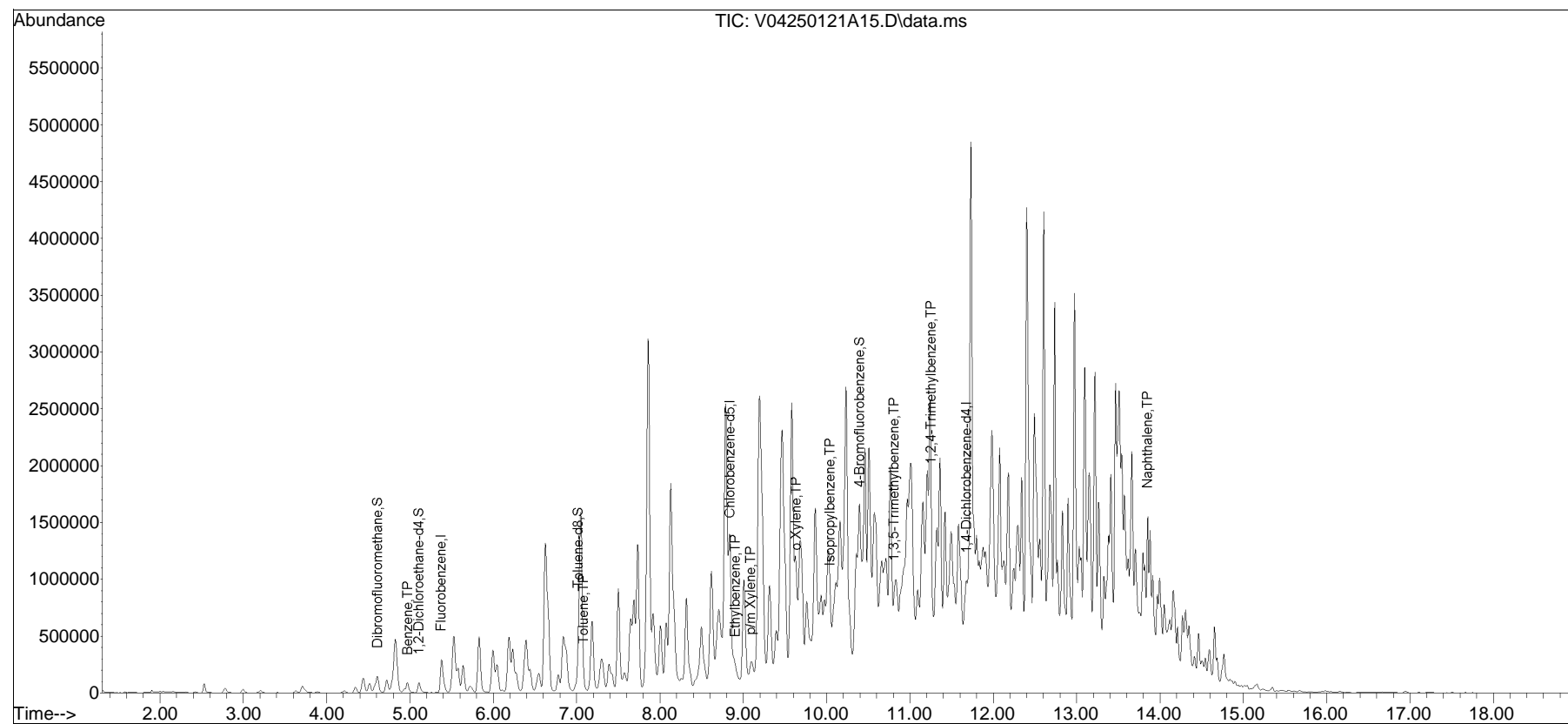
Received by/Company (Signature): TEI **Date/Time:** 1/17/25 1620 **Received by/Company (Signature):** Pace **Date/Time:** 1/17/25 1236
Received by/Company (Signature): Anthony Green **Date/Time:** 1/17/25 0100 **Received by/Company (Signature):** [Signature] **Date/Time:** JAN 17 2025 2050
Received by/Company (Signature): [Signature] **Date/Time:** 1/18/25 0100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250121A\
Data File : V04250121A15.D
Acq On : 21 Jan 2025 5:50 pm
Operator : VOA104:JIC
Sample : L2501908-15,31H,5.39,5,0.100,,A,30.53,36.42,0
Misc : WG2022485,ICAL21802
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 22 06:17:25 2025
Quant Method : K:\VOA104\2025\250121A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list121A01.D•

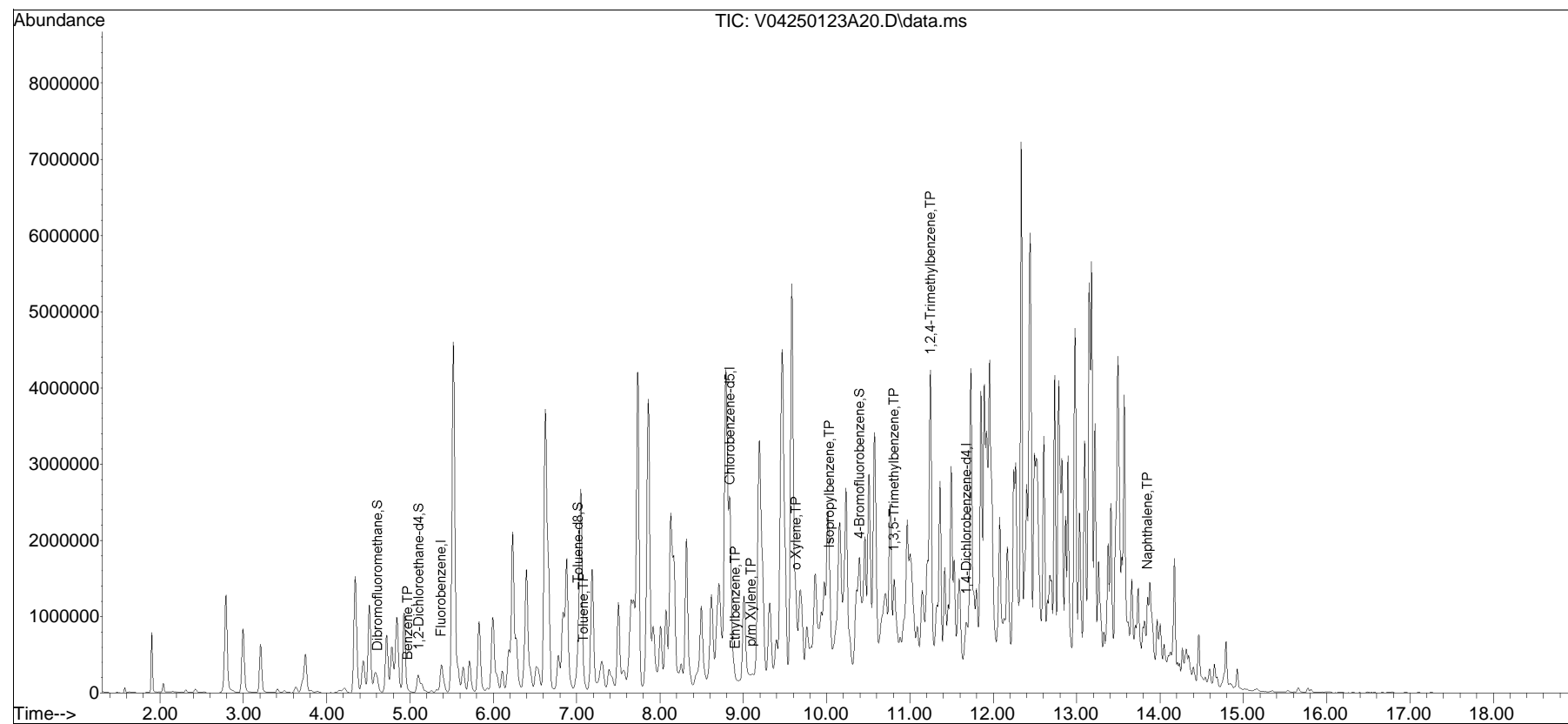


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A20.D
Acq On : 23 Jan 2025 4:41 pm
Operator : VOA104:JIC
Sample : L2501908-17,31H,5.60,5,0.100,,A,30.41,36.51,0
Misc : WG2023247,ICAL21802
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 24 11:17:38 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

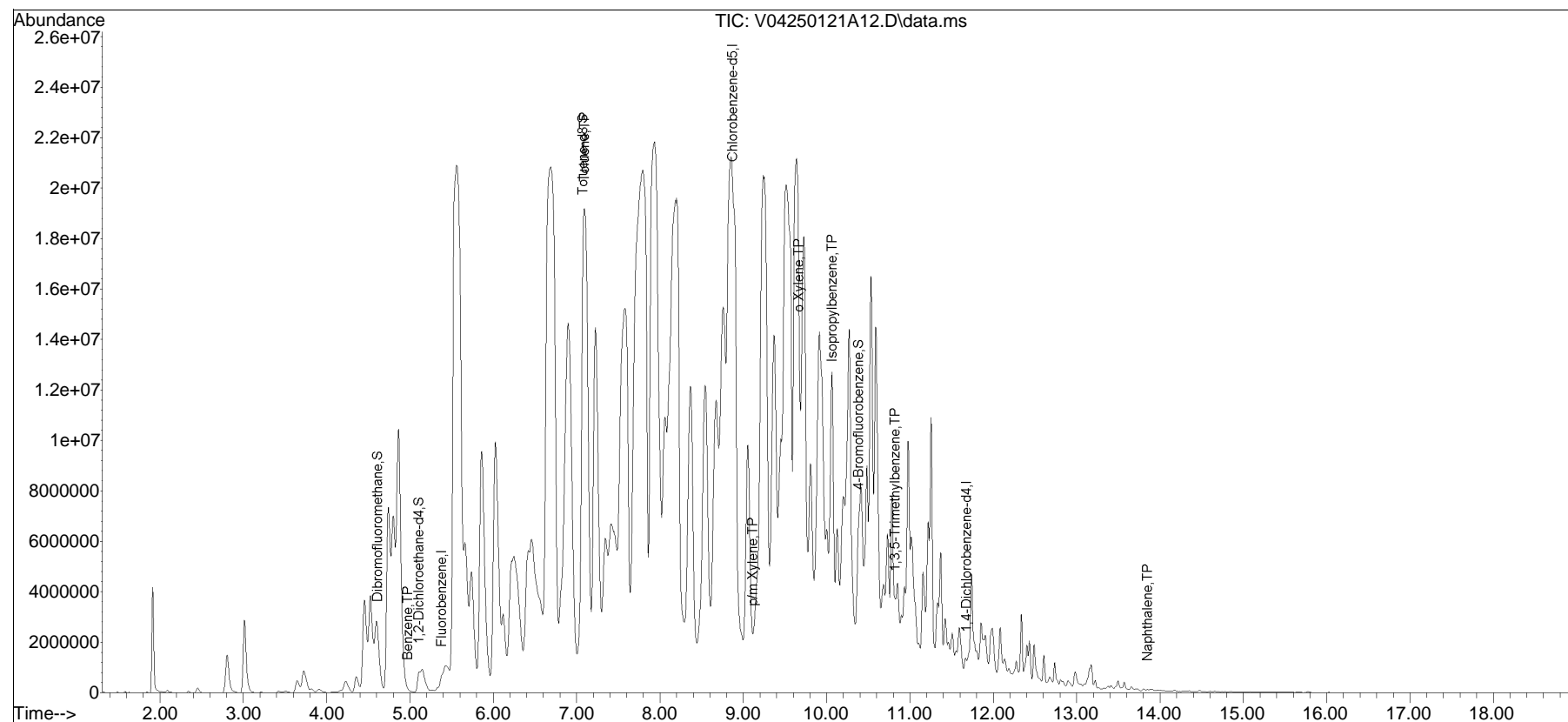


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250121A\
Data File : V04250121A12.D
Acq On : 21 Jan 2025 4:32 pm
Operator : VOA104:JIC
Sample : L2501908-19,31,6.03,5,,B,32.87,39.15,0.25
Misc : WG2022487,ICAL21802
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 22 06:55:35 2025
Quant Method : K:\VOA104\2025\250121A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list121A01.D•

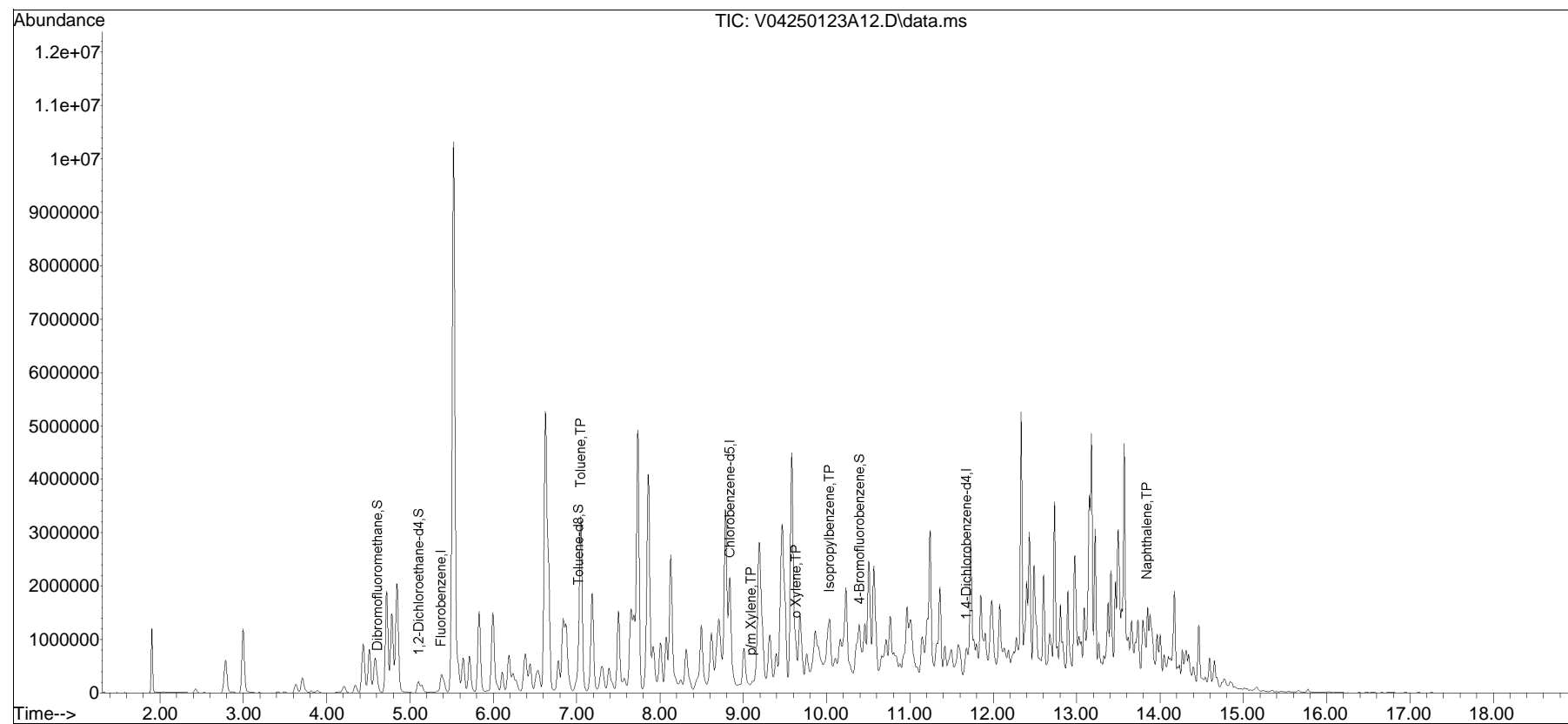


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A12.D
Acq On : 23 Jan 2025 1:12 pm
Operator : VOA104:JIC
Sample : L2501908-19,31H,5.85,5,0.100,,A,30.43,36.78,0
Misc : WG2023247,ICAL21802
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 24 11:09:10 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

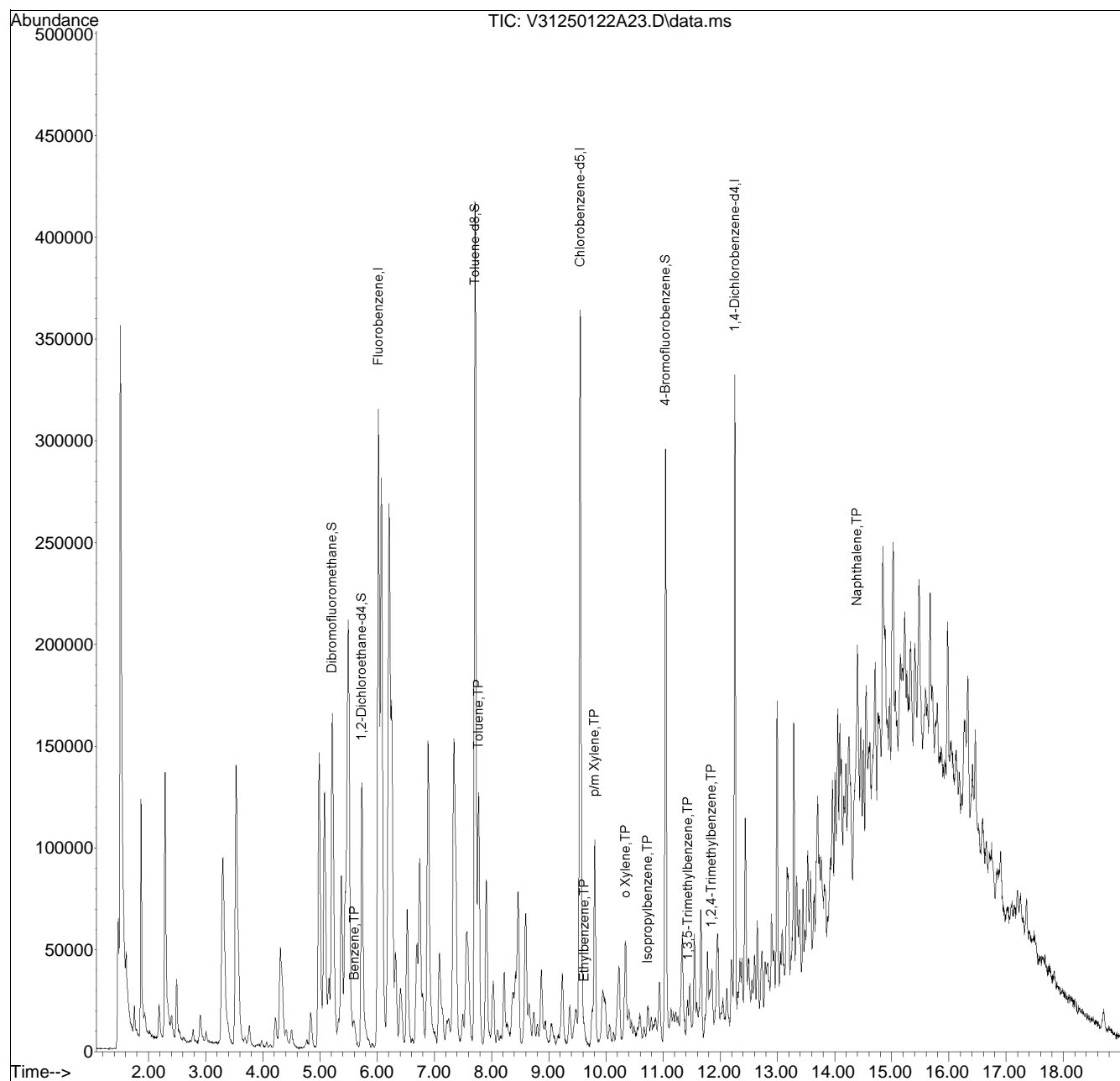


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250122A\
Data File : V31250122A23.D
Acq On : 22 Jan 2025 04:33 pm
Operator : VOA131:JIC
Sample : L2501908-29,31,4.50,5,,B,32.72,37.47,0.25
Misc : WG2022835,ICAL21866
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 23 06:45:42 2025
Quant Method : K:\VOA131\2025\250122A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list122A02.D•

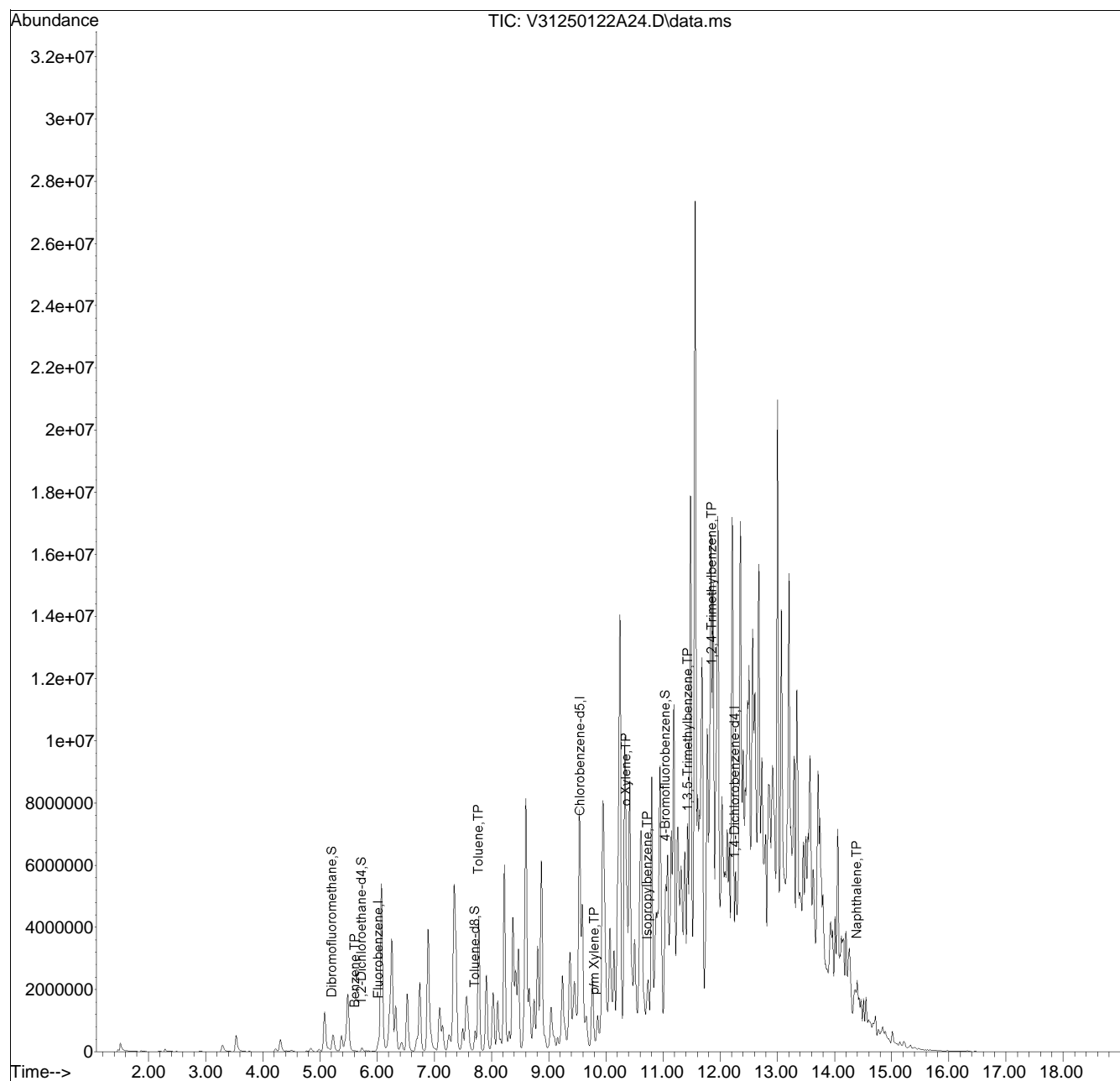


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250122A\
Data File : V31250122A24.D
Acq On : 22 Jan 2025 04:56 pm
Operator : VOA131:JIC
Sample : L2501908-31,31,3.79,5,,B,32.67,36.71,0.25
Misc : WG2022835,ICAL21866
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 23 07:21:56 2025
Quant Method : K:\VOA131\2025\250122A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list122A02.D•

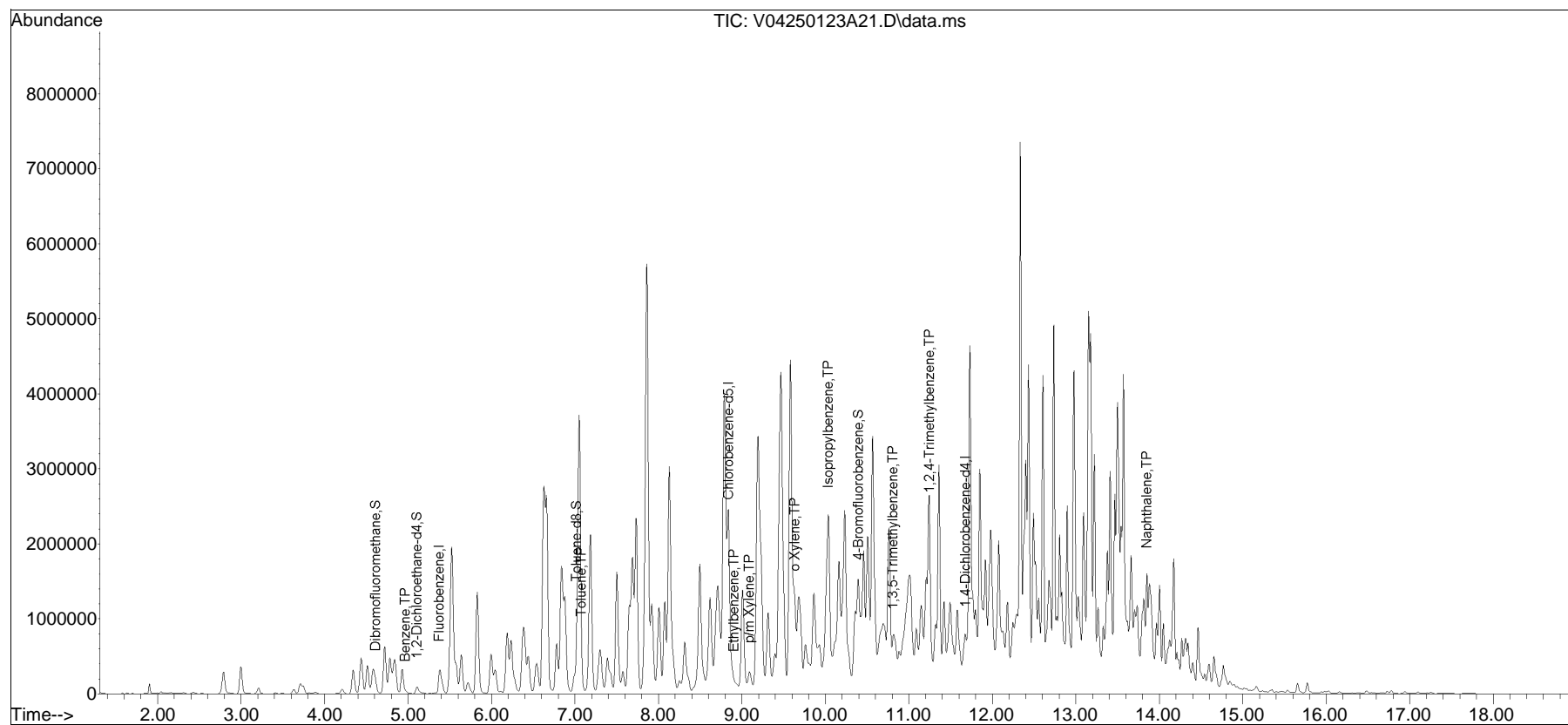


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A21.D
Acq On : 23 Jan 2025 5:07 pm
Operator : VOA104:JIC
Sample : L2501908-51,31H,4.39,5,0.100,,A,30.29,35.18,0
Misc : WG2023247,ICAL21802
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 24 11:17:50 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

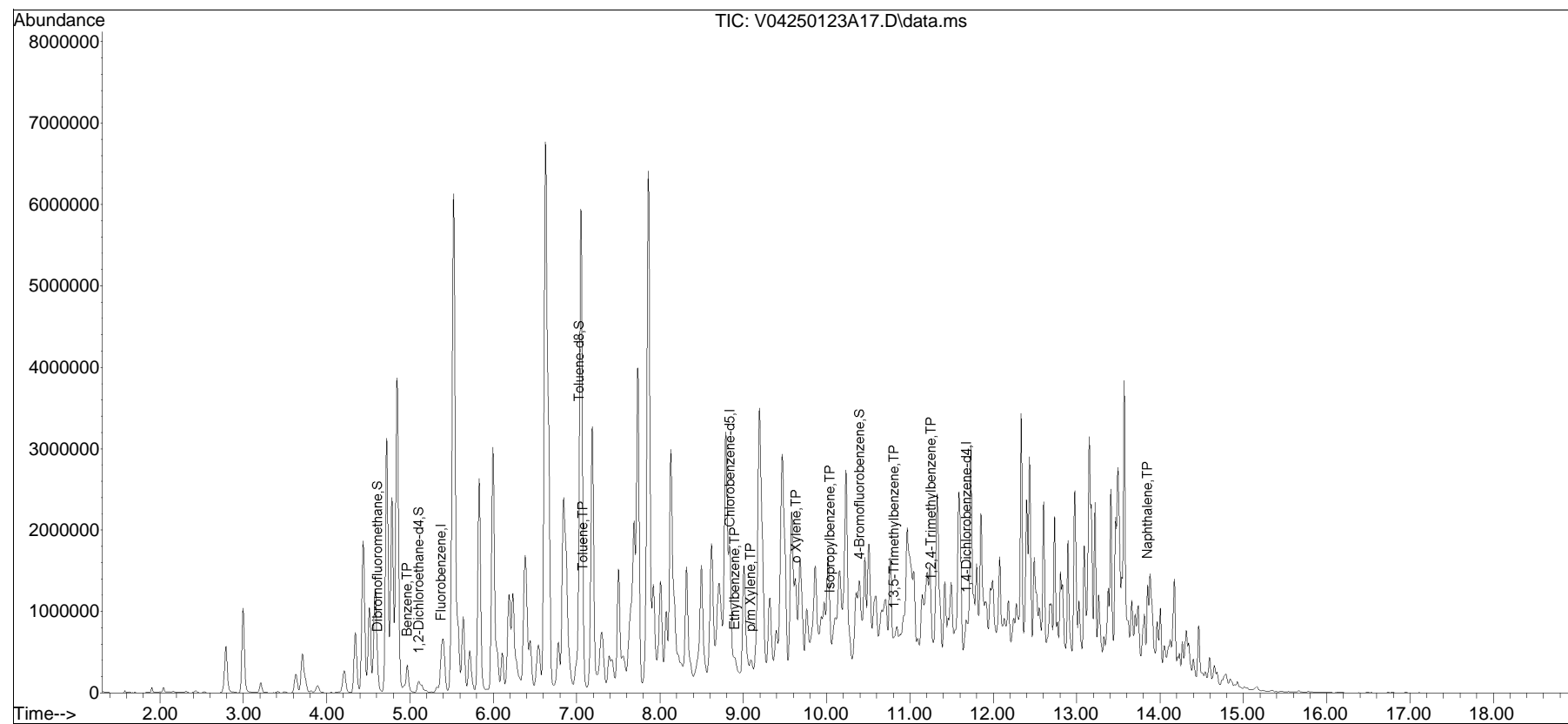


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A17.D
Acq On : 23 Jan 2025 3:22 pm
Operator : VOA104:JIC
Sample : L2501908-53,31H,4.42,5,0.100,,A,30.21,35.13,0
Misc : WG2023247,ICAL21802
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 24 11:11:55 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

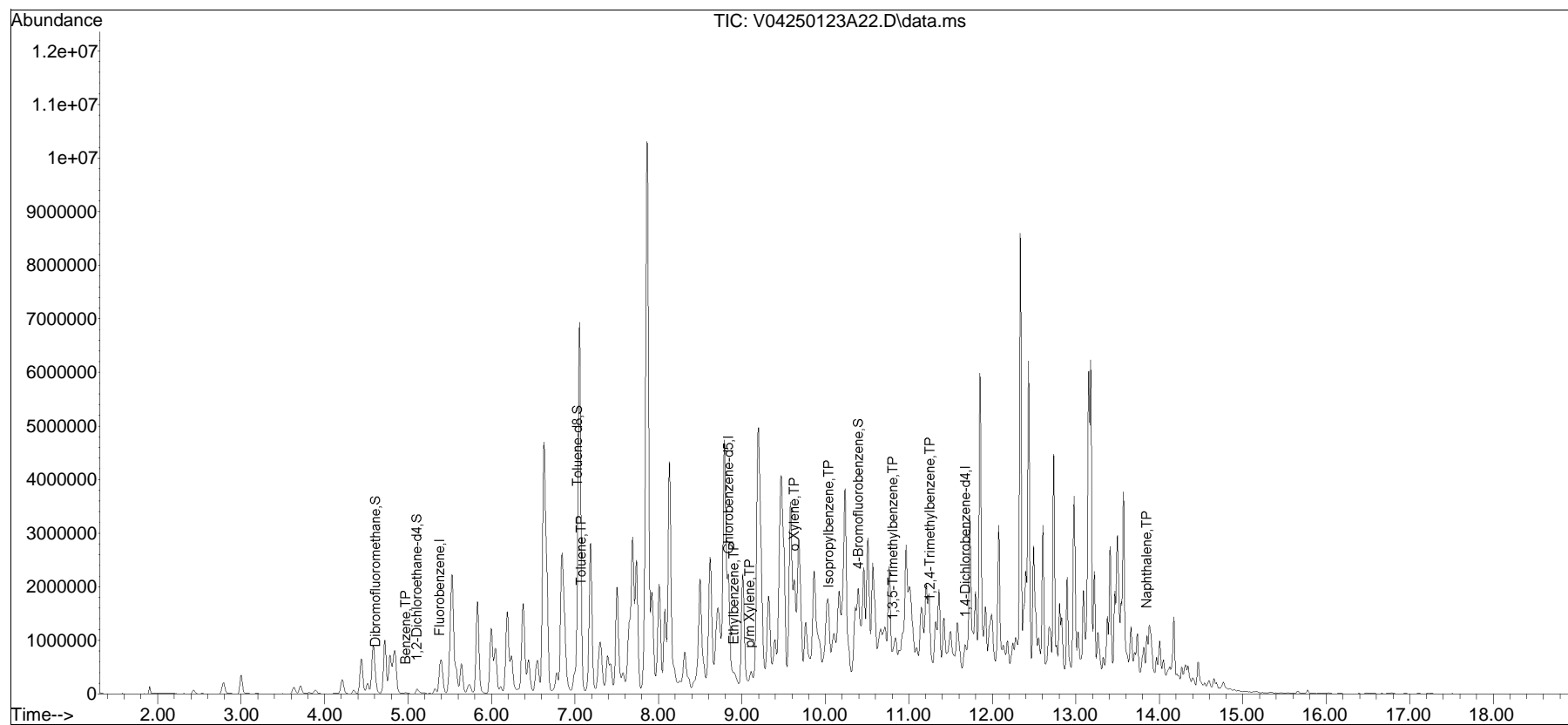


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A22.D
Acq On : 23 Jan 2025 5:33 pm
Operator : VOA104:JIC
Sample : L2501908-59,31H,3.54,5,0.100,,A,30.22,34.26,0
Misc : WG2023247,ICAL21802
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 24 11:17:59 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

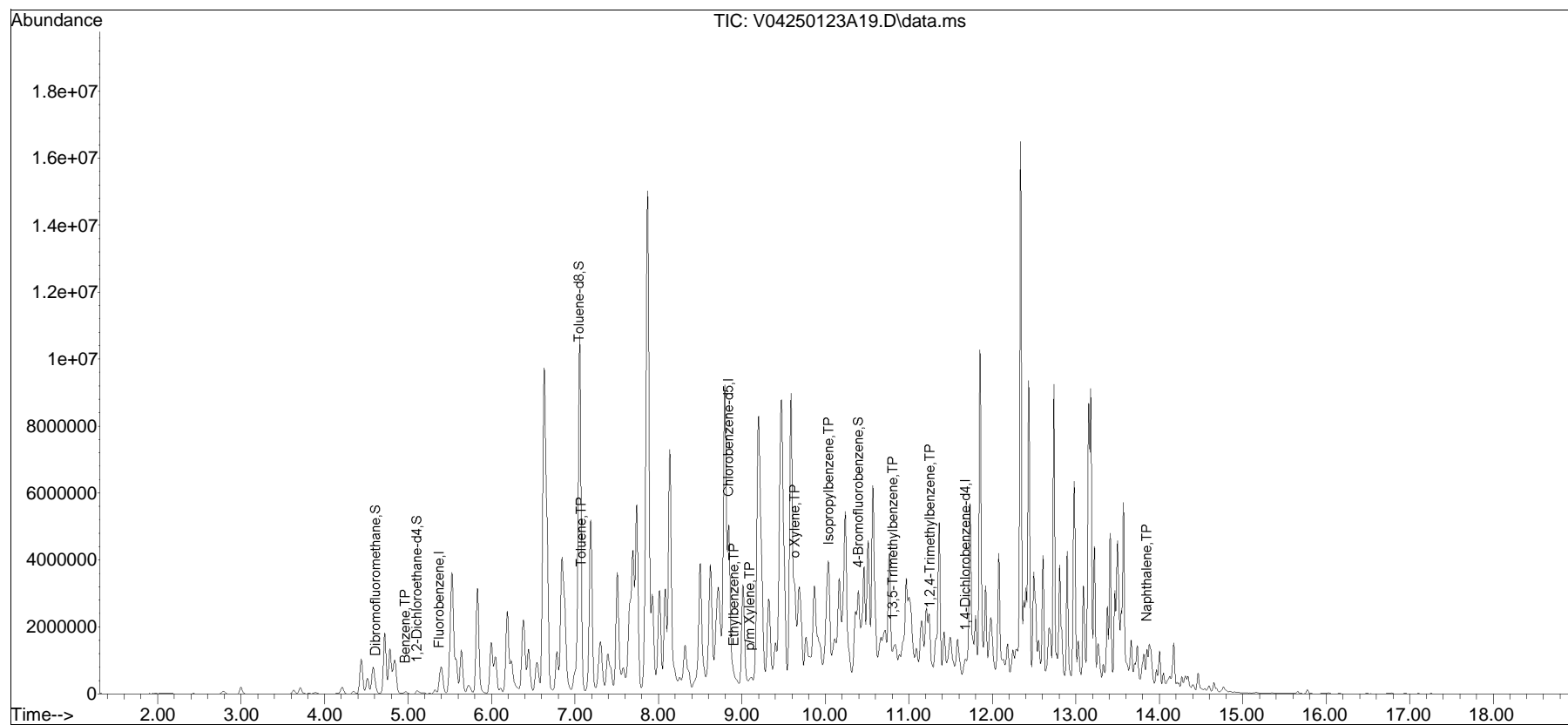


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250123A\
Data File : V04250123A19.D
Acq On : 23 Jan 2025 4:15 pm
Operator : VOA104:JIC
Sample : L2501908-61,31H,4.32,5,0.100,,A,30.29,35.11,0
Misc : WG2023247,ICAL21802
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 11:12:28 2025
Quant Method : K:\VOA104\2025\250123A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A01.D•

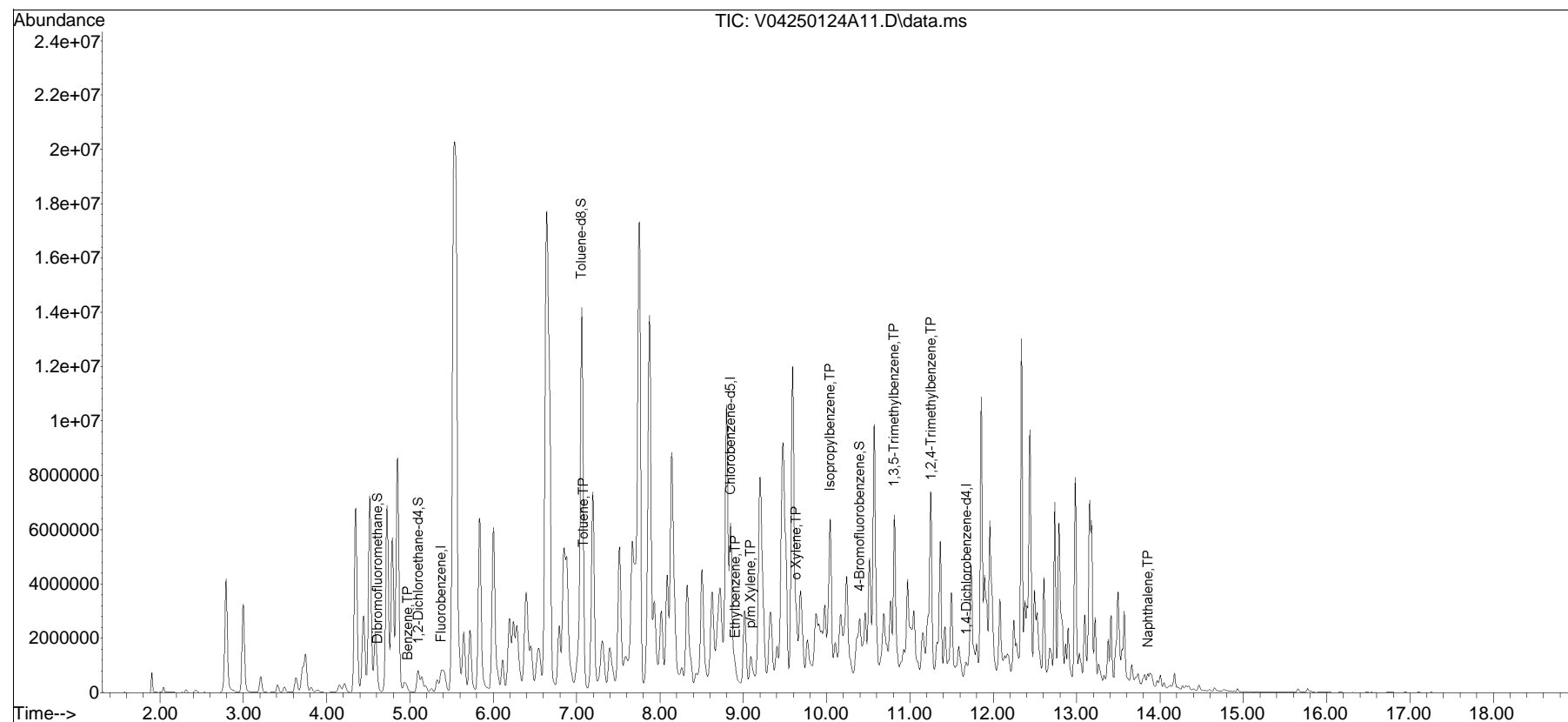


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250124A\
Data File : V04250124A11.D
Acq On : 24 Jan 2025 10:26 am
Operator : VOA104:MJV
Sample : L2501908-63,31H,4.48,5,0.100,,A,30.15,35.13,0
Misc : WG2023270,ICAL21802
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 24 12:14:42 2025
Quant Method : K:\VOA104\2025\250124A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A02.D•

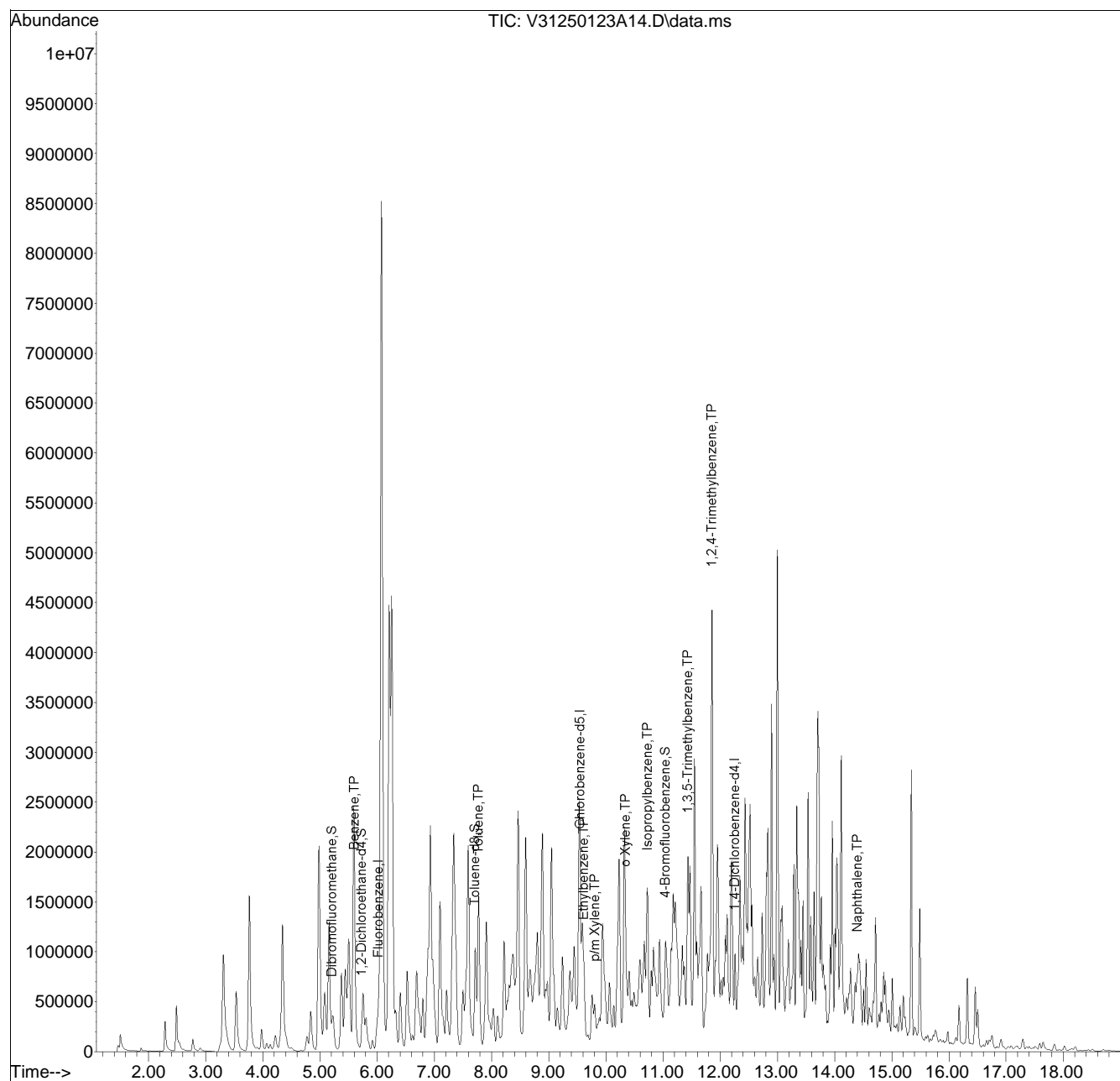


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A14.D
 Acq On : 23 Jan 2025 01:14 pm
 Operator : VOA131:AJK
 Sample : L2501908-71D,31H,5.59,5,0.01,,A,30.38,36.47,0
 Misc : WG2023213,ICAL21866
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 23 14:48:18 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

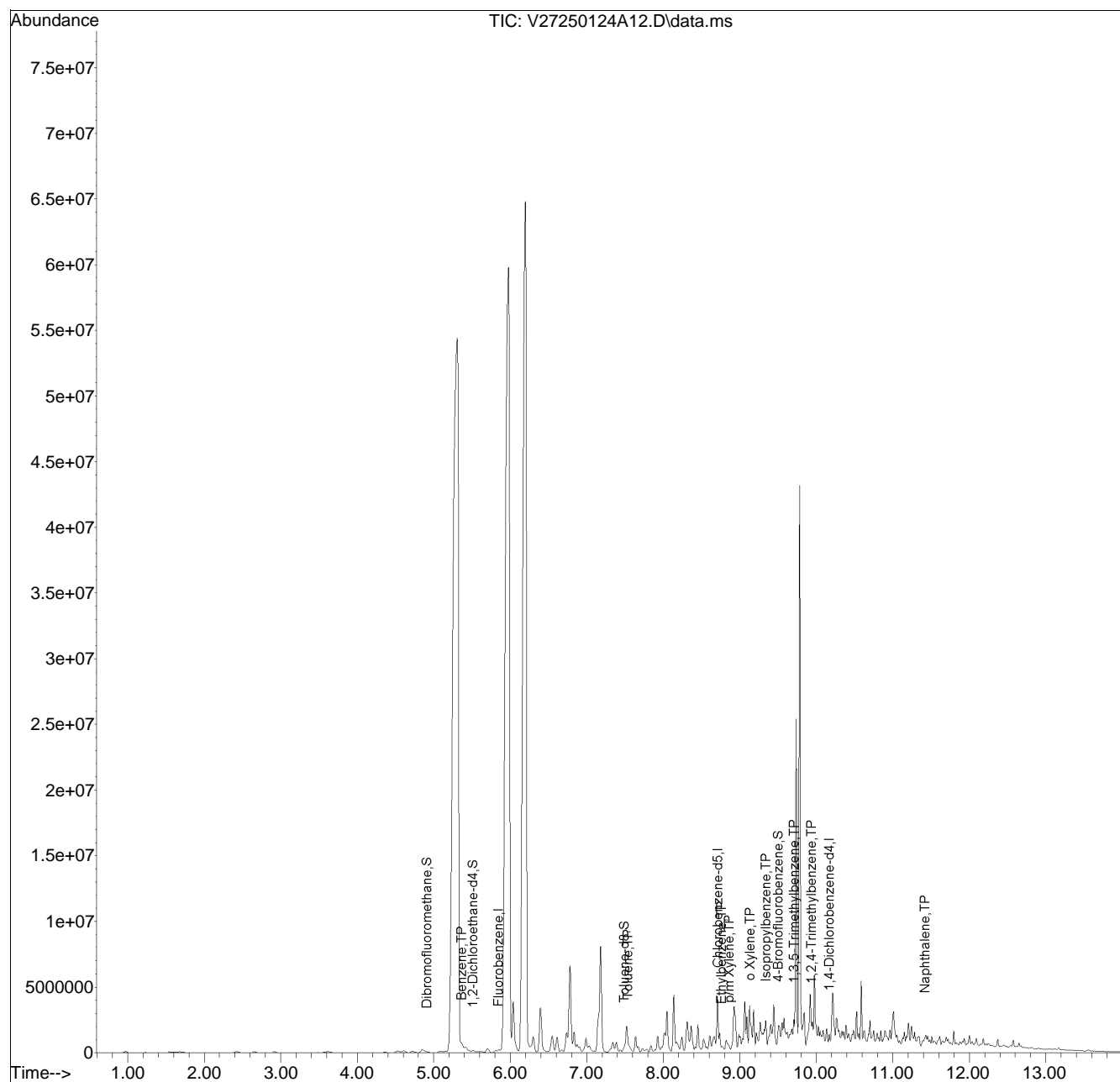


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250124A\
 Data File : V27250124A12.D
 Acq On : 24 Jan 2025 10:53 am
 Operator : VOA127:MJV
 Sample : L2501908-73,31H,4.57,5,0.100,,D
 Misc : WG2023261,ICAL21879
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 24 12:00:00 2025
 Quant Method : K:\VOA127\2025\250124A\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

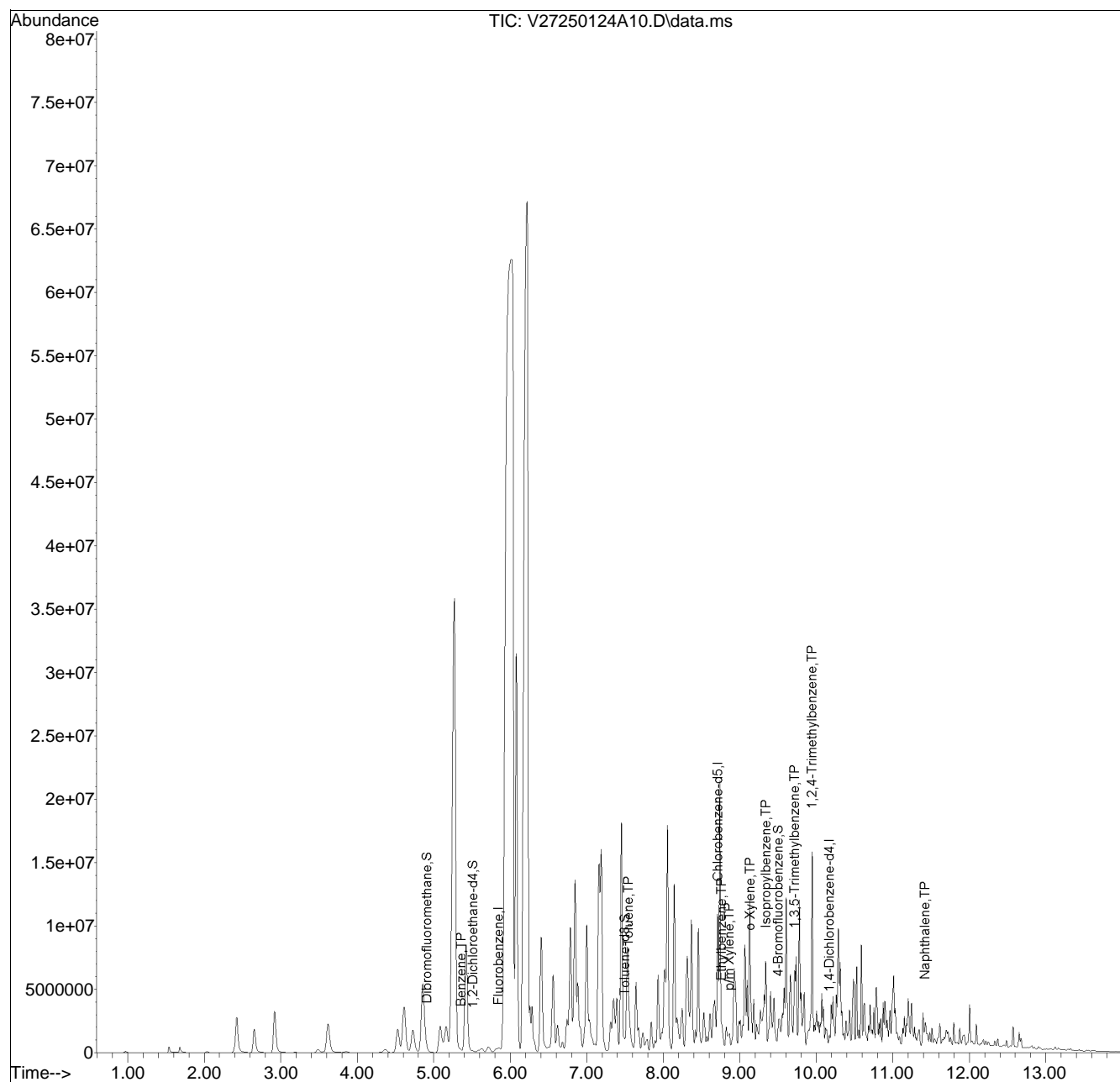


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250124\
 Data File : V27250124A10.D
 Acq On : 24 Jan 2025 10:11 am
 Operator : VOA127:MJV
 Sample : 12501908-75,31h,5.84,5,0.100,,a,30.27,36.61,0
 Misc : WG2023261,ICAL21879
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 24 12:28:11 2025
 Quant Method : K:\VOA127\2025\250124A\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

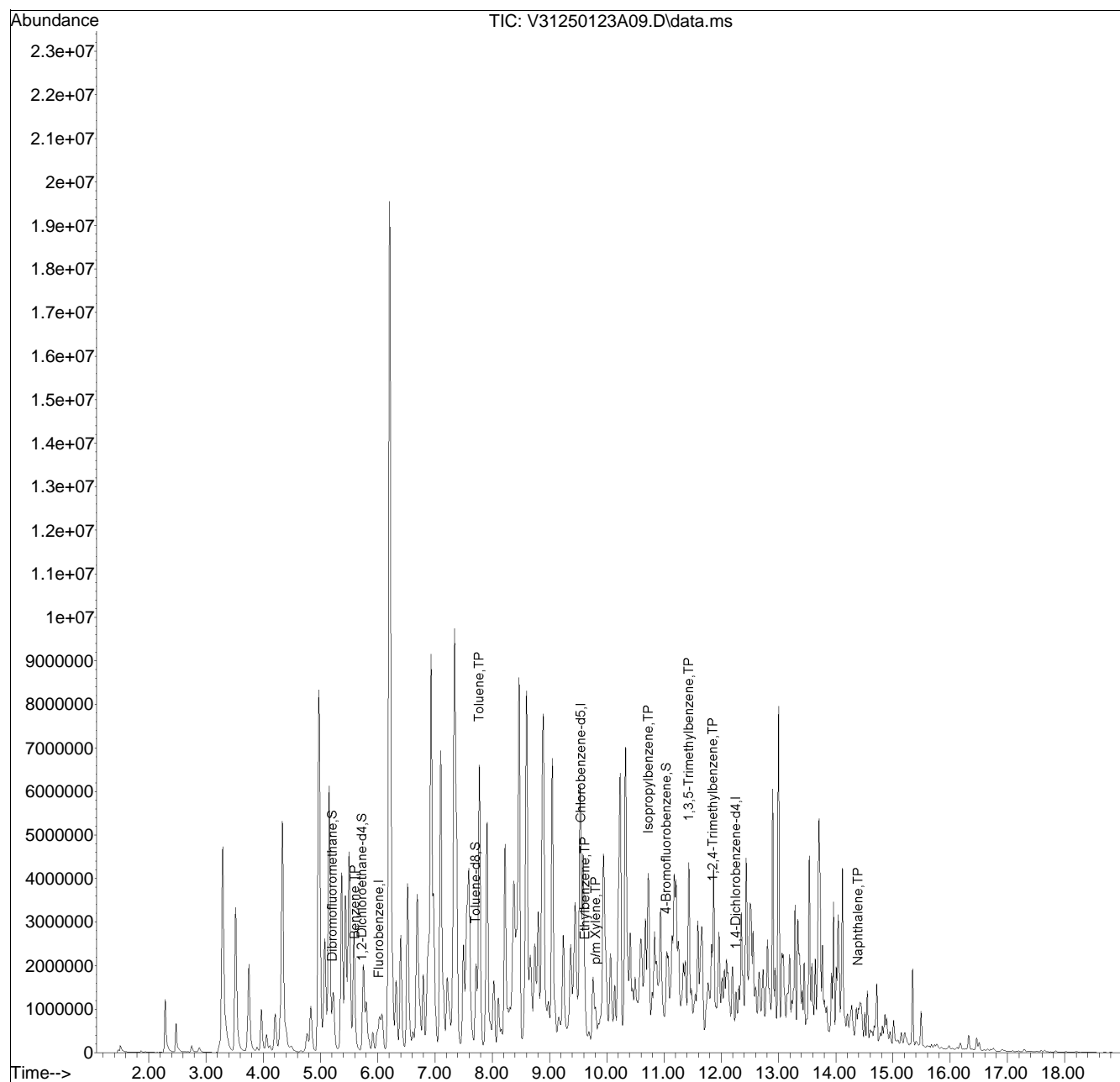


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A09.D
 Acq On : 23 Jan 2025 11:22 am
 Operator : VOA131:AJK
 Sample : L2501908-77,31H,5.53,5,0.100,,X
 Misc : WG2023213,ICAL21866
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 14:45:43 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

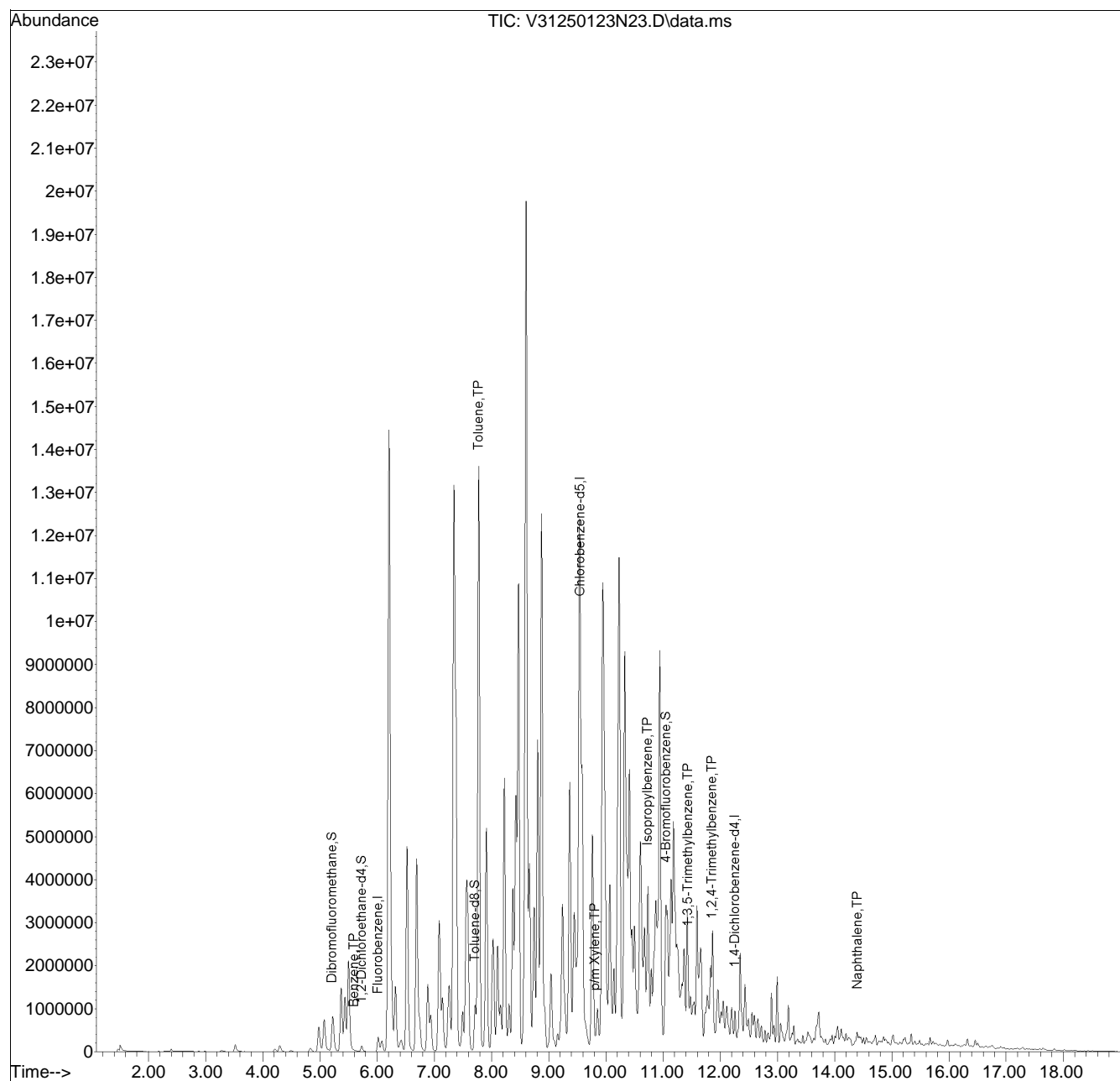


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123N\
Data File : V31250123N23.D
Acq On : 24 Jan 2025 03:28 am
Operator : VOA131:JIC
Sample : L2501908-79,31H,4.94,5,0.100,,A,30.35,35.79,0
Misc : WG2023250,ICAL21866
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 24 11:20:37 2025
Quant Method : K:\VOA131\2025\250123N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123N01.D•

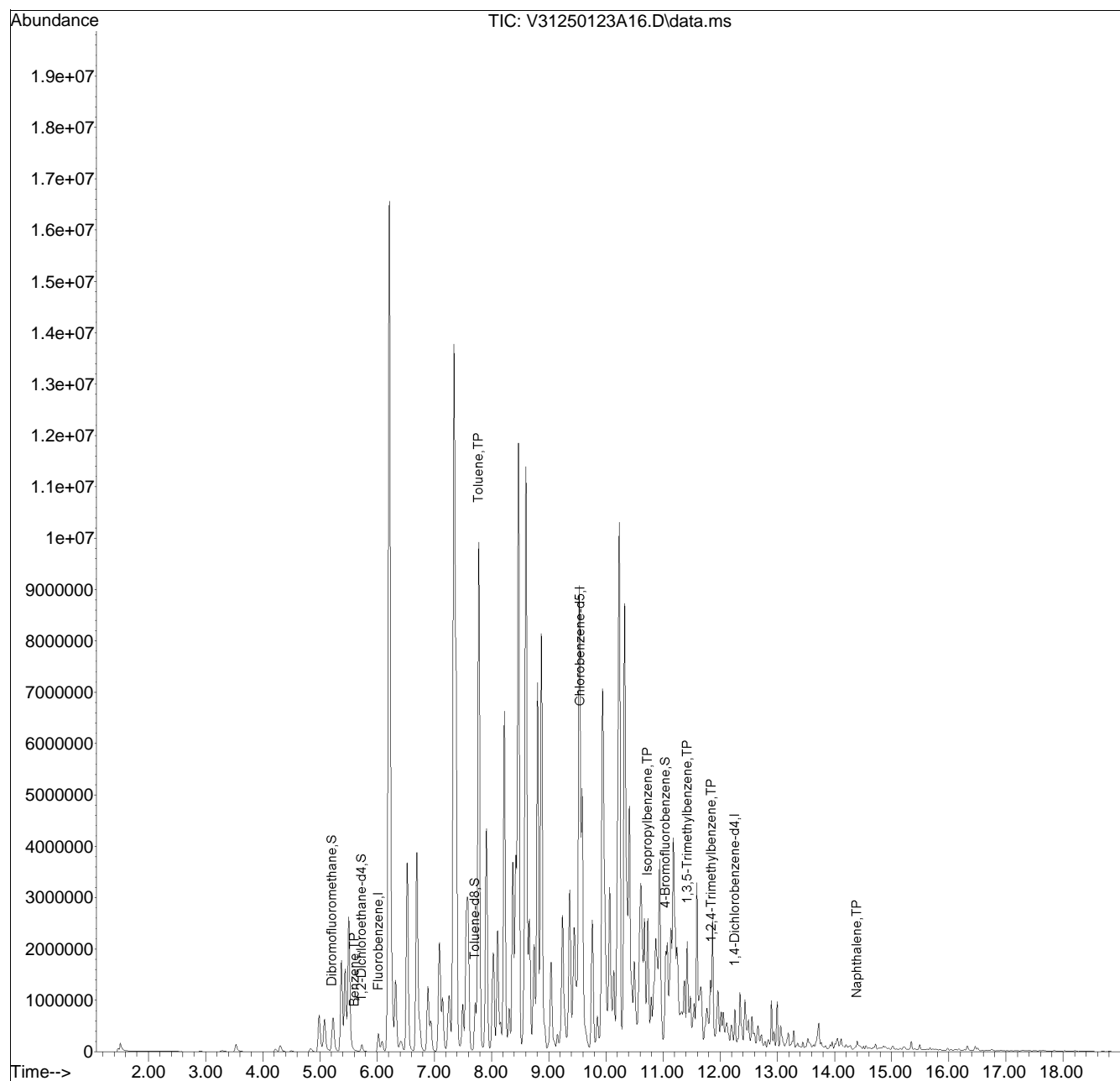


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
Data File : V31250123A16.D
Acq On : 23 Jan 2025 02:00 pm
Operator : VOA131:AJK
Sample : L2501908-81D,31H,5.54,5,0.01,,A,30.23,36.27,0
Misc : WG2023213,ICAL21866
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 23 14:50:13 2025
Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

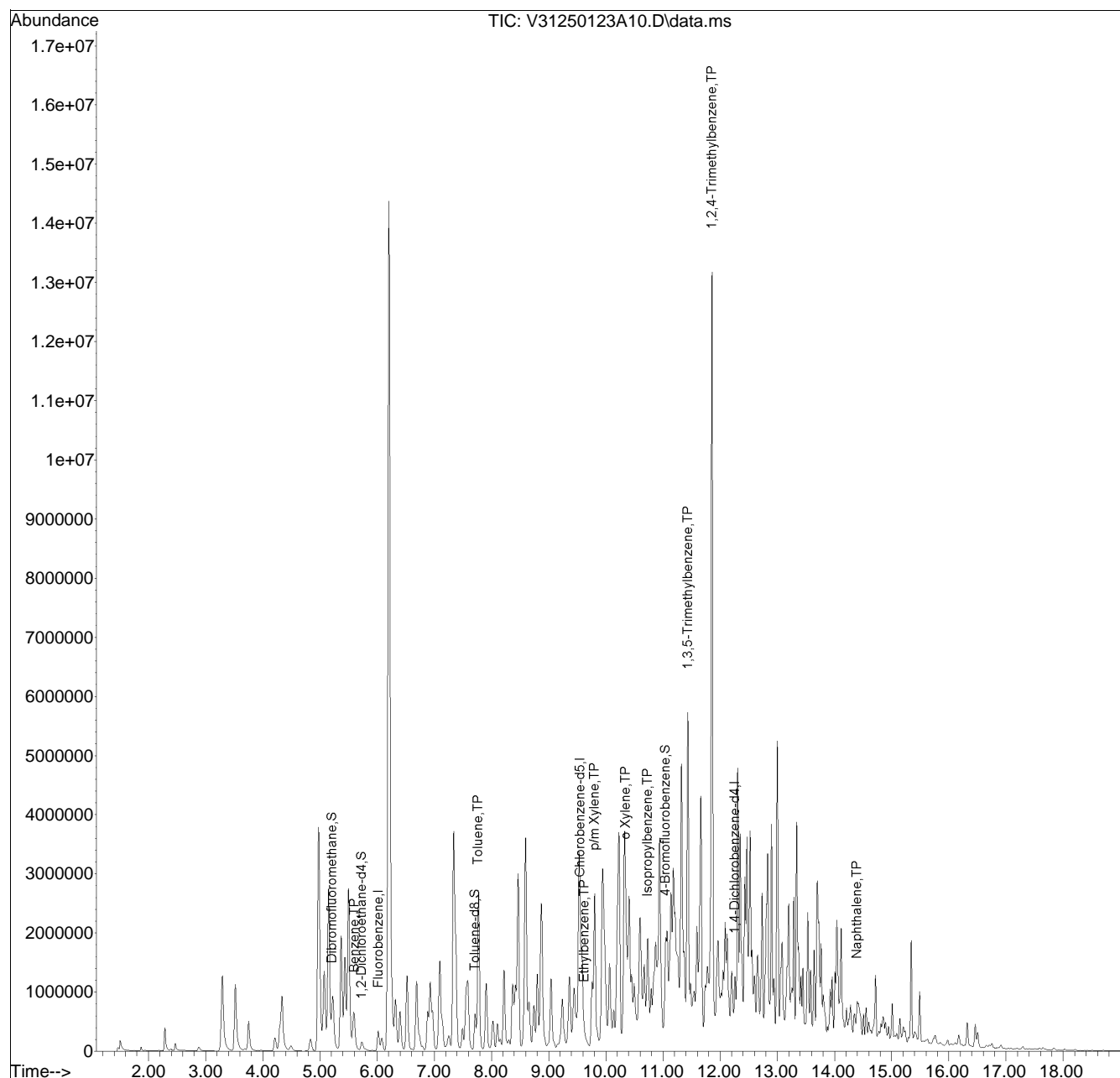


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A10.D
 Acq On : 23 Jan 2025 11:44 am
 Operator : VOA131:AJK
 Sample : L2501908-87,31H,3.37,5,0.100,,A,30.23,34.10,0
 Misc : WG2023213,ICAL21866
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:35:55 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

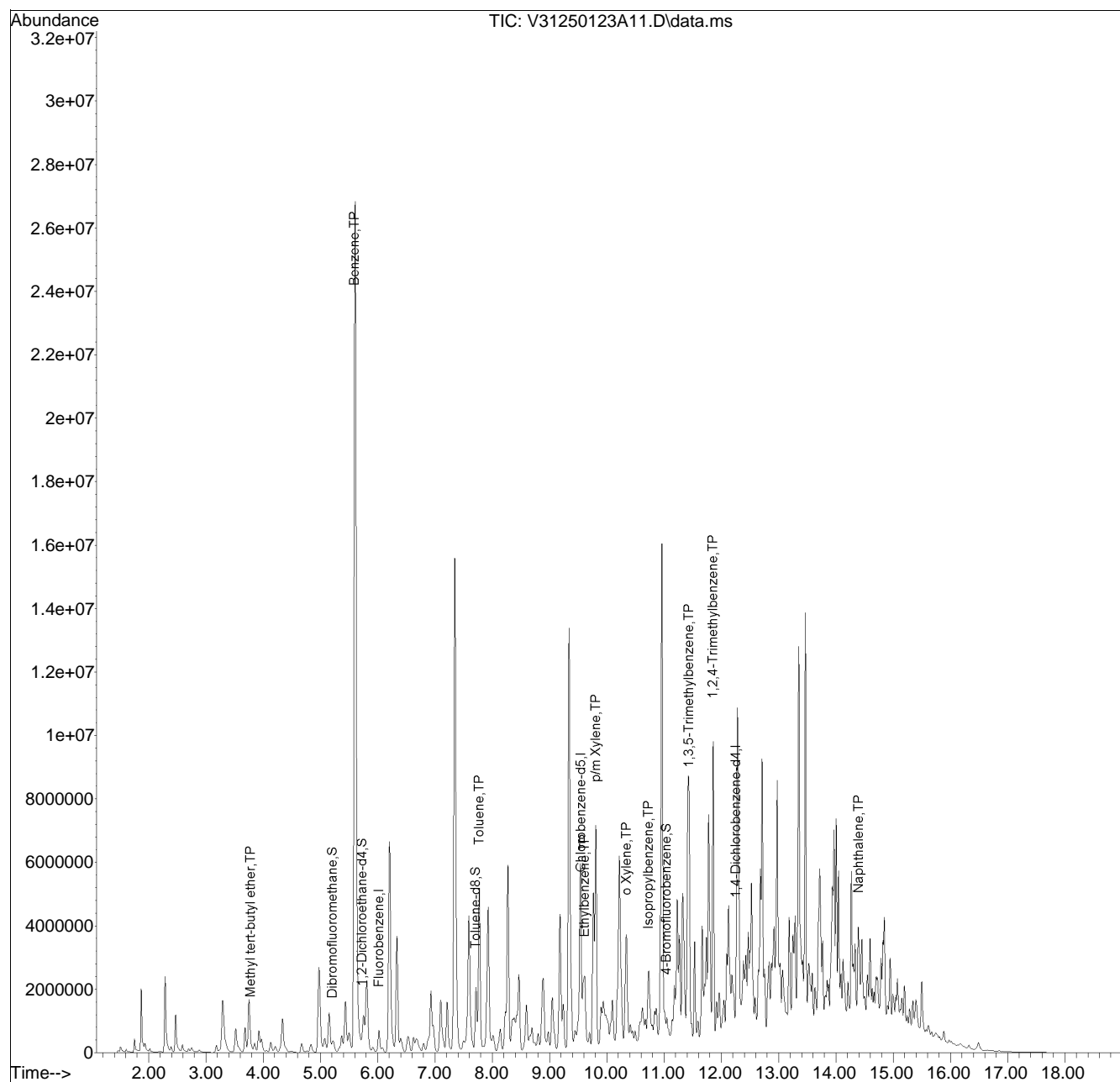


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A11.D
 Acq On : 23 Jan 2025 12:07 pm
 Operator : VOA131:AJK
 Sample : L2501908-89,31H,2.80,5,0.100,,A,30.38,33.68,0
 Misc : WG2023213,ICAL21866
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 14:47:22 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

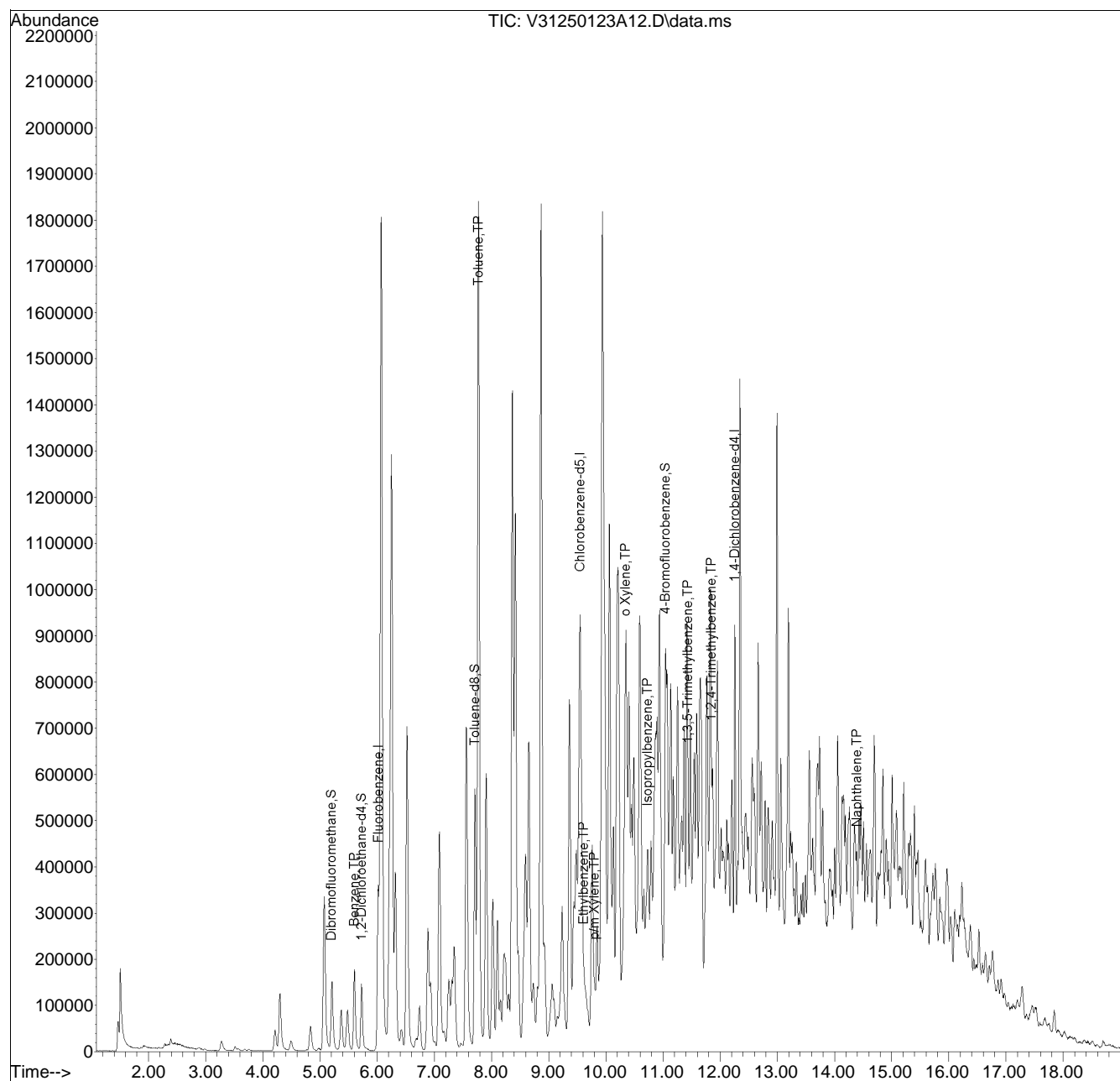


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A12.D
 Acq On : 23 Jan 2025 12:30 pm
 Operator : VOA131:AJK
 Sample : L2501908-91,31H,5.37,5,0.100,,A,30.15,36.02,0
 Misc : WG2023213,ICAL21866
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 14:47:41 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

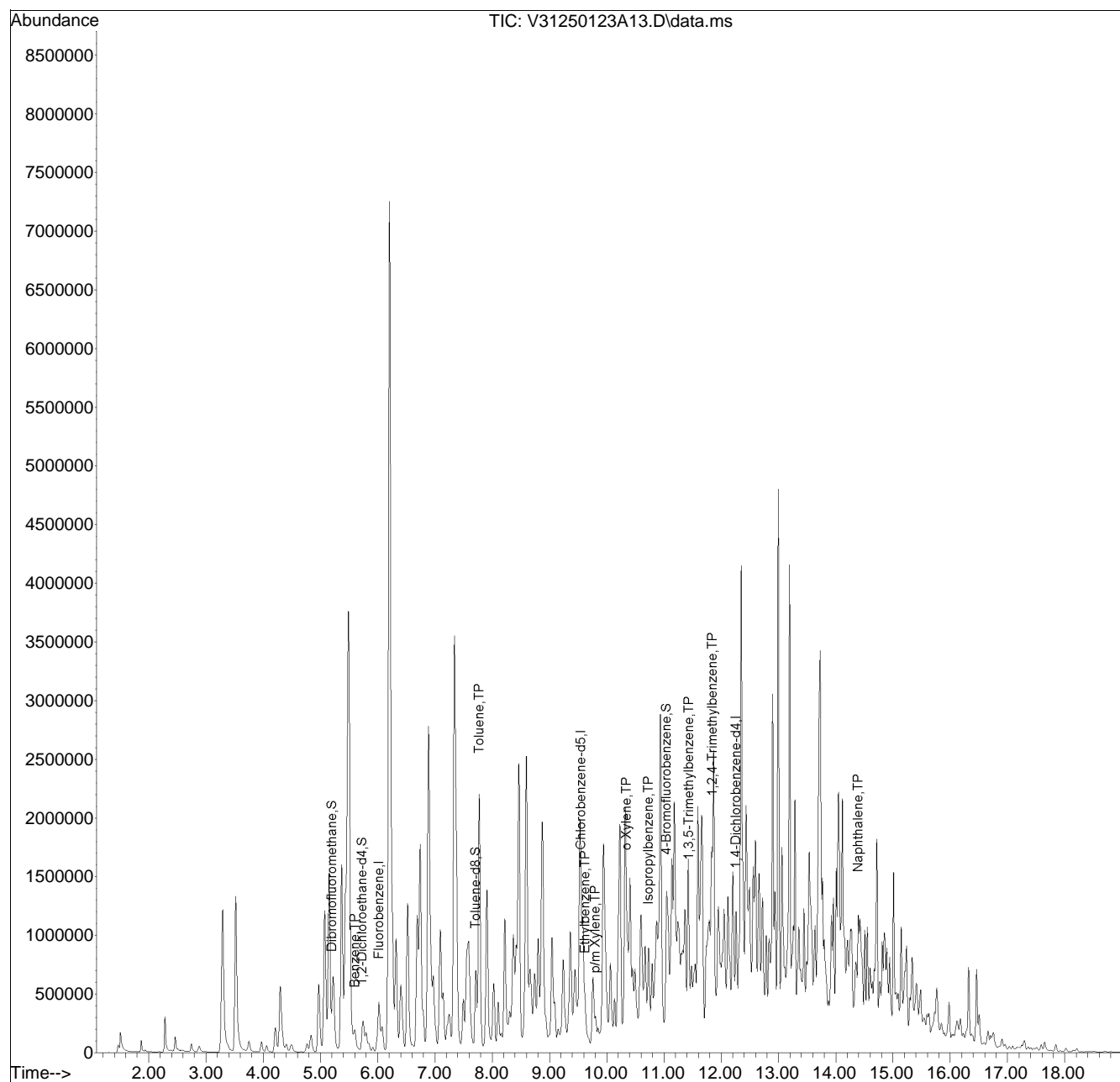


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
Data File : V31250123A13.D
Acq On : 23 Jan 2025 12:52 pm
Operator : VOA131:AJK
Sample : L2501908-93,31H,4.44,5,0.100,,A,30.41,35.35,0
Misc : WG2023213,ICAL21866
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 23 14:47:58 2025
Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

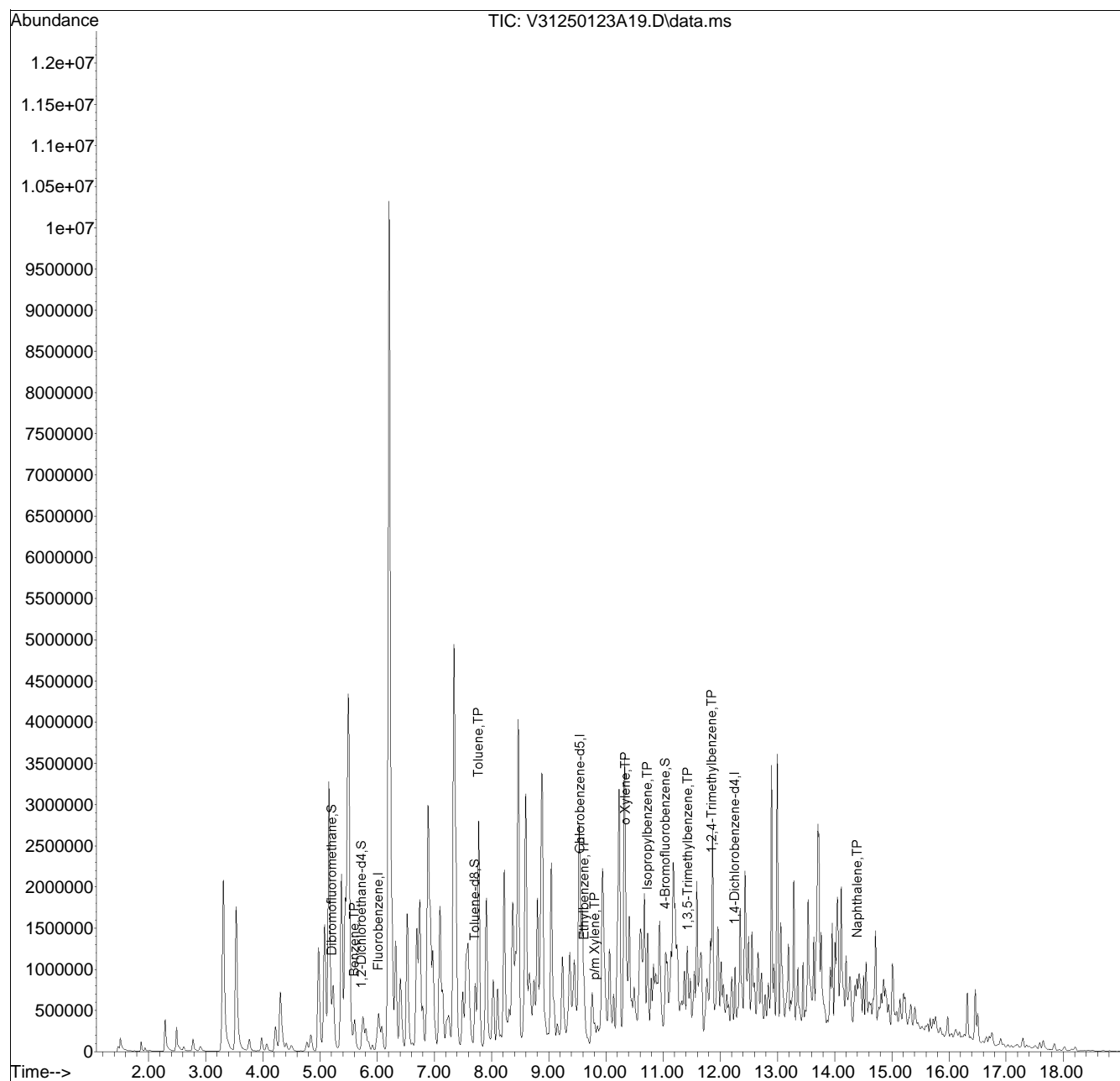


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123A\
 Data File : V31250123A19.D
 Acq On : 23 Jan 2025 03:07 pm
 Operator : VOA131:JIC
 Sample : L2501908-95D,31H,3.52,5,0.01,,A,30.48,34.50,0
 Misc : WG2023213,ICAL21866
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 10:11:56 2025
 Quant Method : K:\VOA131\2025\250123A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123A02.D•

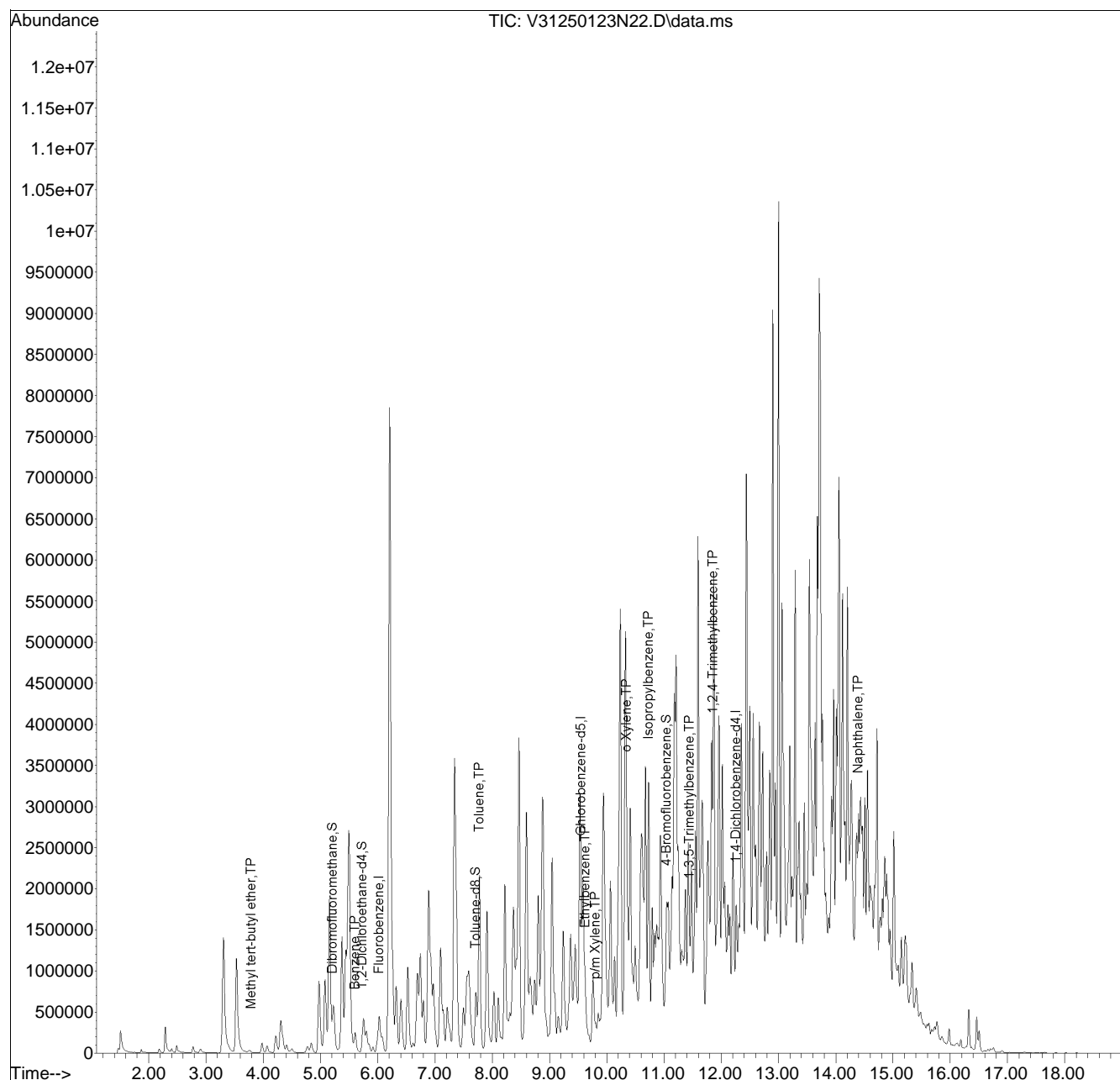


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250123N\
 Data File : V31250123N22.D
 Acq On : 24 Jan 2025 03:05 am
 Operator : VOA131:JIC
 Sample : L2501908-97,31,6.04,5,,C,32.64,38.93,0.25
 Misc : WG2023248,ICAL21866
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 24 11:19:45 2025
 Quant Method : K:\VOA131\2025\250123N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list123N01.D•

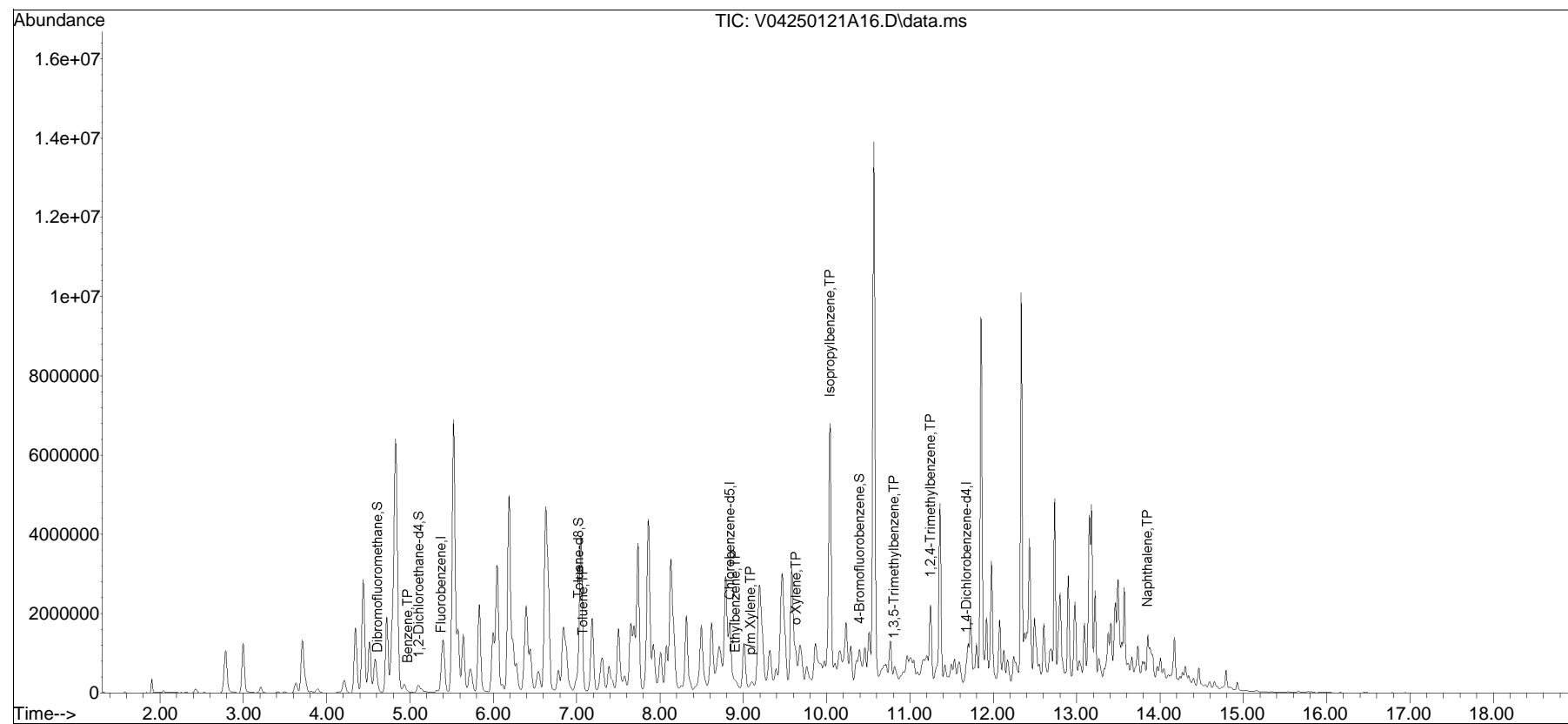


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250121A\
Data File : V04250121A16.D
Acq On : 21 Jan 2025 6:16 pm
Operator : VOA104:JIC
Sample : L2501908-113,31H,4.25,5,0.100,,A,30.25,35.00,
Misc : WG2022485,ICAL21802
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 22 06:56:57 2025
Quant Method : K:\VOA104\2025\250121A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list121A01.D•





ANALYTICAL REPORT

Lab Number:	L2503263
Client:	Terraphase Engineering Inc. 1100 East Hector Street Suite 400 Conshohocken, PA 19428
ATTN:	Nick Scala
Phone:	(215) 297-3502
Project Name:	BDH
Project Number:	P044.001.001
Report Date:	01/31/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2503263-01	401-MA3-1-07-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 09:00	01/20/25
L2503263-02	401-MA3-1-07-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 09:05	01/20/25
L2503263-03	401-MA3-1-07-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 09:10	01/20/25
L2503263-04	401-MA3-1-07-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 09:15	01/20/25
L2503263-05	401-MA3-1-08-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 10:10	01/20/25
L2503263-06	401-MA3-1-08-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 10:15	01/20/25
L2503263-07	401-MA3-1-23-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:25	01/20/25
L2503263-08	401-MA3-1-23-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:30	01/20/25
L2503263-09	401-MA3-1-23-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:35	01/20/25
L2503263-10	401-MA3-1-23-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:40	01/20/25
L2503263-11	401-MA3-1-23-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:45	01/20/25
L2503263-12	401-MA3-1-23-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:50	01/20/25
L2503263-13	401-MA3-1-23-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 11:55	01/20/25
L2503263-14	401-MA3-1-23-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 12:00	01/20/25
L2503263-15	401-MA3-1-23-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 12:05	01/20/25
L2503263-16	401-MA3-1-23-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 12:10	01/20/25
L2503263-17	401-MA3-1-19-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 13:30	01/20/25
L2503263-18	401-MA3-1-19-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 13:35	01/20/25
L2503263-19	401-MA3-1-70-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/20/25 14:30	01/20/25
L2503263-20	401-MA3-1-70-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/20/25 14:35	01/20/25
L2503263-21	401-MA3-1-61-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/21/25 10:45	01/21/25
L2503263-22	401-MA3-1-61-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/21/25 10:50	01/21/25
L2503263-23	401-MA3-1-69-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/21/25 11:55	01/21/25
L2503263-24	401-MA3-1-69-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/21/25 12:00	01/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2503263-25	401-MA3-1-27-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/21/25 13:25	01/21/25
L2503263-26	401-MA3-1-27-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/21/25 13:30	01/21/25
L2503263-27	401-MA3-1-26-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/21/25 14:00	01/21/25
L2503263-28	401-MA3-1-26-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/21/25 14:05	01/21/25
L2503263-29	401-MA3-1-25-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:10	01/22/25
L2503263-30	401-MA3-1-25-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:15	01/22/25
L2503263-31	401-MA3-1-25-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:20	01/22/25
L2503263-32	401-MA3-1-25-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:25	01/22/25
L2503263-33	401-MA3-1-25-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:30	01/22/25
L2503263-34	401-MA3-1-25-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:35	01/22/25
L2503263-35	401-MA3-1-25-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:40	01/22/25
L2503263-36	401-MA3-1-25-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:45	01/22/25
L2503263-37	401-MA3-1-25-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:50	01/22/25
L2503263-38	401-MA3-1-25-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 12:55	01/22/25
L2503263-39	401-MA3-1-17-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 13:40	01/22/25
L2503263-40	401-MA3-1-17-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 13:45	01/22/25
L2503263-41	401-MA3-1-16-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 15:45	01/22/25
L2503263-42	401-MA3-1-16-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 15:50	01/22/25
L2503263-43	401-MA3-1-16-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/22/25 15:55	01/22/25
L2503263-44	401-MA3-1-16-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/22/25 16:00	01/22/25
L2503263-45	401-MA3-1-11-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 09:55	01/23/25
L2503263-46	401-MA3-1-11-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 10:00	01/23/25
L2503263-47	401-MA3-1-11-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 10:05	01/23/25
L2503263-48	401-MA3-1-11-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 10:10	01/23/25
L2503263-49	401-MA3-1-10-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 10:55	01/23/25
L2503263-50	401-MA3-1-10-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:00	01/23/25
L2503263-51	401-MA3-1-10-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:05	01/23/25
L2503263-52	401-MA3-1-10-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:10	01/23/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2503263-53	401-MA3-1-10-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:15	01/23/25
L2503263-54	401-MA3-1-10-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:20	01/23/25
L2503263-55	401-MA3-1-10-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:25	01/23/25
L2503263-56	401-MA3-1-10-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:30	01/23/25
L2503263-57	401-MA3-1-10-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:35	01/23/25
L2503263-58	401-MA3-1-10-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 11:40	01/23/25
L2503263-59	401-MA3-1-09-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 12:45	01/23/25
L2503263-60	401-MA3-1-09-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 12:50	01/23/25
L2503263-61	401-MA3-1-09-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 12:55	01/23/25
L2503263-62	401-MA3-1-09-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:00	01/23/25
L2503263-63	401-MA3-1-09-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:05	01/23/25
L2503263-64	401-MA3-1-09-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:10	01/23/25
L2503263-65	401-MA3-1-09-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:15	01/23/25
L2503263-66	401-MA3-1-09-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:20	01/23/25
L2503263-67	401-MA3-1-09-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:25	01/23/25
L2503263-68	401-MA3-1-09-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 13:30	01/23/25
L2503263-69	401-MA3-1-12-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 14:40	01/23/25
L2503263-70	401-MA3-1-12-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 14:45	01/23/25
L2503263-71	401-MA3-1-12-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 14:50	01/23/25
L2503263-72	401-MA3-1-12-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 14:55	01/23/25
L2503263-73	401-MA3-1-13-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 15:30	01/23/25
L2503263-74	401-MA3-1-13-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 15:35	01/23/25
L2503263-75	401-MA3-1-13-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/23/25 15:40	01/23/25
L2503263-76	401-MA3-1-13-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/23/25 15:45	01/23/25
L2503263-77	401-MA3-1-14-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 08:55	01/24/25
L2503263-78	401-MA3-1-14-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 09:00	01/24/25
L2503263-79	401-MA3-1-14-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 09:05	01/24/25
L2503263-80	401-MA3-1-14-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 09:10	01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2503263-81	401-MA3-1-44-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 10:35	01/24/25
L2503263-82	401-MA3-1-44-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 10:40	01/24/25
L2503263-83	401-MA3-1-44-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 10:45	01/24/25
L2503263-84	401-MA3-1-44-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 10:50	01/24/25
L2503263-85	401-MA3-1-44-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 10:55	01/24/25
L2503263-86	401-MA3-1-44-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 11:00	01/24/25
L2503263-87	401-MA3-1-44-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 11:05	01/24/25
L2503263-88	401-MA3-1-44-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 11:10	01/24/25
L2503263-89	401-MA3-1-44-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 11:15	01/24/25
L2503263-90	401-MA3-1-44-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 11:20	01/24/25
L2503263-91	401-MA3-1-18-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 12:45	01/24/25
L2503263-92	401-MA3-1-18-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 12:50	01/24/25
L2503263-93	401-MA3-1-18-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 12:55	01/24/25
L2503263-94	401-MA3-1-18-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:00	01/24/25
L2503263-95	401-MA3-1-18-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:05	01/24/25
L2503263-96	401-MA3-1-18-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:10	01/24/25
L2503263-97	401-MA3-1-18-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:15	01/24/25
L2503263-98	401-MA3-1-18-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:20	01/24/25
L2503263-99	401-MA3-1-18-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:25	01/24/25
L2503263-100	401-MA3-1-18-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 13:30	01/24/25
L2503263-101	401-MA3-1-20-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:20	01/24/25
L2503263-102	401-MA3-1-20-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:25	01/24/25
L2503263-103	401-MA3-1-20-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:30	01/24/25
L2503263-104	401-MA3-1-20-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:35	01/24/25
L2503263-105	401-MA3-1-20-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:40	01/24/25
L2503263-106	401-MA3-1-20-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:45	01/24/25
L2503263-107	401-MA3-1-20-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:50	01/24/25
L2503263-108	401-MA3-1-20-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 14:55	01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2503263-109	401-MA3-1-20-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:00	01/24/25
L2503263-110	401-MA3-1-20-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:05	01/24/25
L2503263-111	401-MA3-1-22-C1-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:40	01/24/25
L2503263-112	401-MA3-1-22-C1-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:45	01/24/25
L2503263-113	401-MA3-1-22-C2-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:50	01/24/25
L2503263-114	401-MA3-1-22-C2-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 15:55	01/24/25
L2503263-115	401-MA3-1-22-C3-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:00	01/24/25
L2503263-116	401-MA3-1-22-C3-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:05	01/24/25
L2503263-117	401-MA3-1-22-C4-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:10	01/24/25
L2503263-118	401-MA3-1-22-C4-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:15	01/24/25
L2503263-119	401-MA3-1-22-C5-VOC	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:20	01/24/25
L2503263-120	401-MA3-1-22-C5-COMP	SOIL	3144 W. PASSYUNK AVE.	01/24/25 16:25	01/24/25

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2503263-20: The Client ID was changed at the client's request.

Volatile Organics

L2503263-01D, -03D, -07D, -09D, -41D, and -43D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Surrogate recoveries for the following samples are outside the acceptance criteria; however, the samples were not re-analyzed due to coelution with an obvious interference. Copies of the chromatograms are included as an attachment to this report:

L2503263-01D: 4-bromofluorobenzene (217%)

L2503263-03D: 4-bromofluorobenzene (197%)

L2503263-07D: 4-bromofluorobenzene (138%)

L2503263-09D: 4-bromofluorobenzene (146%)

L2503263-17: 4-bromofluorobenzene (141%)

L2503263-23: toluene-d8 (147%) and 4-bromofluorobenzene (150%)

L2503263-25: toluene-d8 (145%) and 4-bromofluorobenzene (162%)

L2503263-27: 4-bromofluorobenzene (198%)

L2503263-35: 4-bromofluorobenzene (206%)

L2503263-37: 4-bromofluorobenzene (219%)

L2503263-41D: 4-bromofluorobenzene (184%)

L2503263-43D: 4-bromofluorobenzene (174%)

L2503263-47: 4-bromofluorobenzene (171%)

L2503263-51D2: 4-bromofluorobenzene (200%)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

L2503263-53: toluene-d8 (151%) and 4-bromofluorobenzene (160%)
L2503263-55: 4-bromofluorobenzene (181%)
L2503263-57: 4-bromofluorobenzene (234%)
L2503263-61D2: 4-bromofluorobenzene (201%)
L2503263-63D2: 4-bromofluorobenzene (148%)
L2503263-67D2: 4-bromofluorobenzene (157%)
L2503263-69: 4-bromofluorobenzene (162%)
L2503263-71: 4-bromofluorobenzene (153%)
L2503263-73: 4-bromofluorobenzene (159%)
L2503263-75: 4-bromofluorobenzene (172%)
L2503263-77: 4-bromofluorobenzene (232%)
L2503263-83: toluene-d8 (154%) and 4-bromofluorobenzene (437%)
L2503263-85: 4-bromofluorobenzene (132%)
L2503263-87: 4-bromofluorobenzene (151%)
L2503263-89: toluene-d8 (155%) and 4-bromofluorobenzene (450%)
L2503263-95: toluene-d8 (142%) and 4-bromofluorobenzene (251%)
L2503263-97: toluene-d8 (143%) and 4-bromofluorobenzene (217%)
L2503263-99: toluene-d8 (144%)
L2503263-101: 4-bromofluorobenzene (186%)
L2503263-103: 4-bromofluorobenzene (167%)
L2503263-105: 4-bromofluorobenzene (163%)
L2503263-107: 4-bromofluorobenzene (186%)
L2503263-109: 4-bromofluorobenzene (689%)
L2503263-111: 4-bromofluorobenzene (234%)
L2503263-113: 4-bromofluorobenzene (272%)
L2503263-113D: 4-bromofluorobenzene (168%)
L2503263-115: 4-bromofluorobenzene (497%)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

L2503263-117: 4-bromofluorobenzene (168%)

L2503263-119: 4-bromofluorobenzene (139%)

The surrogate recovery for the following samples is outside the method acceptance criteria for dibromofluoromethane due to interference with the Internal Standard:

L2503263-09D: 67%

L2503263-41D: 45%

L2503263-43D: 50%

L2503263-51D2: 64%

L2503263-53: 55%

L2503263-55: 60%

L2503263-57: 48%

L2503263-95: 54%

L2503263-97: 61%

L2503263-11: The internal standard (IS) responses for chlorobenzene-d5 (30%) and 1,4-dichlorobenzene-d4 (47%) and the surrogate recoveries for 4-bromofluorobenzene (319%) and dibromofluoromethane (42%) were outside the acceptance criteria in the Low Level analysis due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2503263-13: The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (314%) in the Low Level analysis due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2503263-19: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (36%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L2503263-25: The surrogate recoveries were outside the acceptance criteria for toluene-d8 (850%) and 4-bromofluorobenzene (215%) in the Low Level analysis due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2503263-27, -35, -37, -73, -85, -101, -103, -105, and -119: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2503263-29: The sample was received in the appropriate containers (vials) for the Volatile Organics by EPA Method 5035/8260 Low-Level; however, the first run was lost due to instrument error and the second analysis yielded low Internal and Surrogate Standards. With the client's authorization, a sample aliquot was taken from an unpreserved container (inappropriate plastic) and preserved appropriately for re-analysis.

L2503263-29: The internal standard (IS) responses for fluorobenzene (32%), chlorobenzene-d5 (35%), and 1,4-dichlorobenzene-d4 (37%) and the surrogate recovery for 4-bromofluorobenzene (166%) were outside the acceptance criteria; however, re-analysis achieved the following results: 1,4-dichlorobenzene-d4 (42%) and 4-bromofluorobenzene (720%). The results of both analyses are reported.

L2503263-31: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (13%) and the surrogate recoveries for toluene-d8 (142%) and 4-bromofluorobenzene (6050%) were outside the acceptance criteria in the Low Level analysis due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2503263-39: The internal standard (IS) response for fluorobenzene (300%) and the surrogate recoveries for 1,2-dichloroethane-d4 (138%), toluene-d8 (134%), 4-bromofluorobenzene (303%), and dibromofluoromethane (25%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was re-analyzed on dilution in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The results of both analyses are reported.

L2503263-59, -83, -87, -89, -91, and -95: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

L2503263-28D, -50D, -62D, -66D, -68D, -96D, and -100D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2503263-68D: The surrogate recoveries are below the acceptance criteria for nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L2503263-02, -04, -06, -08, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30, -32, -34, -36, -38, -40, -42, -44, -46, -48, -50, -52, -54, -56, -58, -60, -62, -64, -66, -68, -70, -72, -74, -76, -78, -80, -82, -84, -86, -88, -90, -92, -94, -96, -98, -100, -102, -104, -106, -108, -110, -112, -114, -116, -118, and -120:

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Case Narrative (continued)

The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2022867-3 MS recovery, performed on L2503263-02, is outside the acceptance criteria for lead (150%). A post digestion spike was performed and was within acceptance criteria.

The WG2023348-3 MS recovery, performed on L2503263-76, is outside the acceptance criteria for lead (32%). A post digestion spike was performed and yielded an unacceptable recovery of 53%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.


The WG2023780-3 MS recovery for lead (4%), performed on L2503263-78, does not apply because the sample concentration is greater than four times the spike amount added.

The WG2024397-3 MS recovery for lead (0%), performed on L2503263-118, does not apply because the sample concentration is greater than four times the spike amount added.

The WG2024397-4 Laboratory Duplicate RPD for lead (87%), performed on L2503263-118, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/31/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-01 D
 Client ID: 401-MA3-1-07-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:00
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 12:46
 Analyst: JIC
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.4	0.14	10
Benzene	ND		mg/kg	0.36	0.12	10
1,2-Dichloroethane	ND		mg/kg	0.72	0.18	10
Toluene	ND		mg/kg	0.72	0.39	10
1,2-Dibromoethane	ND		mg/kg	0.36	0.21	10
Ethylbenzene	ND		mg/kg	0.72	0.10	10
p/m-Xylene	ND		mg/kg	1.4	0.40	10
o-Xylene	ND		mg/kg	0.72	0.21	10
Xylenes, Total	ND		mg/kg	0.72	0.21	10
Isopropylbenzene	3.8		mg/kg	0.72	0.079	10
1,3,5-Trimethylbenzene	ND		mg/kg	1.4	0.14	10
1,2,4-Trimethylbenzene	ND		mg/kg	1.4	0.24	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	217	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-03 D
 Client ID: 401-MA3-1-07-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:10
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 13:09
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.2	0.12	10
Benzene	ND		mg/kg	0.31	0.10	10
1,2-Dichloroethane	ND		mg/kg	0.62	0.16	10
Toluene	ND		mg/kg	0.62	0.34	10
1,2-Dibromoethane	ND		mg/kg	0.31	0.18	10
Ethylbenzene	ND		mg/kg	0.62	0.088	10
p/m-Xylene	ND		mg/kg	1.2	0.35	10
o-Xylene	ND		mg/kg	0.62	0.18	10
Xylenes, Total	ND		mg/kg	0.62	0.18	10
Isopropylbenzene	11.		mg/kg	0.62	0.068	10
1,3,5-Trimethylbenzene	ND		mg/kg	1.2	0.12	10
1,2,4-Trimethylbenzene	ND		mg/kg	1.2	0.21	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	197	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-05
 Client ID: 401-MA3-1-08-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 10:10
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 16:04
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0025	0.00025	1
Benzene	0.0038		mg/kg	0.00063	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00032	1
Toluene	0.00090	J	mg/kg	0.0013	0.00069	1
1,2-Dibromoethane	ND		mg/kg	0.00063	0.00037	1
Ethylbenzene	0.00040	J	mg/kg	0.0013	0.00018	1
p/m-Xylene	0.0015	J	mg/kg	0.0025	0.00071	1
o-Xylene	ND		mg/kg	0.0013	0.00037	1
Xylenes, Total	0.0015	J	mg/kg	0.0013	0.00037	1
Isopropylbenzene	0.00096	J	mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	0.00029	J	mg/kg	0.0025	0.00024	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0025	0.00042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-07 D
 Client ID: 401-MA3-1-23-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:25
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 13:31
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.20	0.020	2
Benzene	1.2		mg/kg	0.049	0.016	2
1,2-Dichloroethane	ND		mg/kg	0.099	0.025	2
Toluene	0.14		mg/kg	0.099	0.054	2
1,2-Dibromoethane	ND		mg/kg	0.049	0.029	2
Ethylbenzene	0.39		mg/kg	0.099	0.014	2
p/m-Xylene	0.19	J	mg/kg	0.20	0.055	2
o-Xylene	0.049	J	mg/kg	0.099	0.029	2
Xylenes, Total	0.24	J	mg/kg	0.099	0.029	2
Isopropylbenzene	2.7		mg/kg	0.099	0.011	2
1,3,5-Trimethylbenzene	0.15	J	mg/kg	0.20	0.019	2
1,2,4-Trimethylbenzene	0.049	J	mg/kg	0.20	0.033	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	138	Q	70-130
Dibromofluoromethane	73		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-09 D
 Client ID: 401-MA3-1-23-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 13:54
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.19	0.019	2
Benzene	1.9		mg/kg	0.048	0.016	2
1,2-Dichloroethane	ND		mg/kg	0.096	0.025	2
Toluene	0.23		mg/kg	0.096	0.052	2
1,2-Dibromoethane	ND		mg/kg	0.048	0.028	2
Ethylbenzene	0.60		mg/kg	0.096	0.014	2
p/m-Xylene	0.39		mg/kg	0.19	0.054	2
o-Xylene	0.10		mg/kg	0.096	0.028	2
Xylenes, Total	0.49		mg/kg	0.096	0.028	2
Isopropylbenzene	4.0		mg/kg	0.096	0.010	2
1,3,5-Trimethylbenzene	0.22		mg/kg	0.19	0.018	2
1,2,4-Trimethylbenzene	0.058	J	mg/kg	0.19	0.032	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	146	Q	70-130
Dibromofluoromethane	67	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-11
 Client ID: 401-MA3-1-23-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:45
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 14:16
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.93		mg/kg	0.031	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.063	0.016	1
Toluene	0.16		mg/kg	0.063	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.031	0.018	1
Ethylbenzene	0.20		mg/kg	0.063	0.0088	1
p/m-Xylene	0.36		mg/kg	0.12	0.035	1
o-Xylene	0.067		mg/kg	0.063	0.018	1
Xylenes, Total	0.43		mg/kg	0.063	0.018	1
Isopropylbenzene	1.5		mg/kg	0.063	0.0068	1
1,3,5-Trimethylbenzene	0.20		mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	0.086	J	mg/kg	0.12	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	79		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-11
 Client ID: 401-MA3-1-23-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:45
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 02:21
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	0.12		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	0.024		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	0.062		mg/kg	0.00096	0.00014	1
p/m-Xylene	0.11		mg/kg	0.0019	0.00054	1
o-Xylene	0.022		mg/kg	0.00096	0.00028	1
Xylenes, Total	0.13		mg/kg	0.00096	0.00028	1
Isopropylbenzene	0.32	E	mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	0.039		mg/kg	0.0019	0.00019	1
1,2,4-Trimethylbenzene	0.012		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	319	Q	70-130
Dibromofluoromethane	42	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-13
 Client ID: 401-MA3-1-23-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:55
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 14:39
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	2.1		mg/kg	0.030	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.061	0.016	1
Toluene	0.11		mg/kg	0.061	0.033	1
1,2-Dibromoethane	ND		mg/kg	0.030	0.018	1
Ethylbenzene	0.088		mg/kg	0.061	0.0086	1
p/m-Xylene	0.36		mg/kg	0.12	0.034	1
o-Xylene	0.11		mg/kg	0.061	0.018	1
Xylenes, Total	0.47		mg/kg	0.061	0.018	1
Isopropylbenzene	0.66		mg/kg	0.061	0.0066	1
1,3,5-Trimethylbenzene	0.15		mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	0.080	J	mg/kg	0.12	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-13
 Client ID: 401-MA3-1-23-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:55
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 00:52
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.53	E	mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	0.024		mg/kg	0.0010	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	0.022		mg/kg	0.0010	0.00015	1
p/m-Xylene	0.092		mg/kg	0.0021	0.00059	1
o-Xylene	0.028		mg/kg	0.0010	0.00031	1
Xylenes, Total	0.12		mg/kg	0.0010	0.00031	1
Isopropylbenzene	0.16		mg/kg	0.0010	0.00012	1
1,3,5-Trimethylbenzene	0.031		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	0.020		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	127		70-130
4-Bromofluorobenzene	314	Q	70-130
Dibromofluoromethane	72		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-15
 Client ID: 401-MA3-1-23-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:05
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/25 11:03
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.0034		mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00027	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-17
 Client ID: 401-MA3-1-19-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:30
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 15:02
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.15	0.015	1
Benzene	0.40		mg/kg	0.037	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.073	0.019	1
Toluene	0.64		mg/kg	0.073	0.040	1
1,2-Dibromoethane	ND		mg/kg	0.037	0.021	1
Ethylbenzene	2.3		mg/kg	0.073	0.010	1
p/m-Xylene	7.3		mg/kg	0.15	0.041	1
o-Xylene	1.8		mg/kg	0.073	0.021	1
Xylenes, Total	9.1		mg/kg	0.073	0.021	1
Isopropylbenzene	1.0		mg/kg	0.073	0.0080	1
1,3,5-Trimethylbenzene	8.7		mg/kg	0.15	0.014	1
1,2,4-Trimethylbenzene	30.	E	mg/kg	0.15	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	141	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-17 D
 Client ID: 401-MA3-1-19-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:30
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 03:29
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	31.		mg/kg	1.5	0.24	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-19
 Client ID: 401-MA3-1-70-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 14:30
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 16:30
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0025	0.00025	1
Benzene	0.00032	J	mg/kg	0.00063	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00032	1
Toluene	ND		mg/kg	0.0012	0.00068	1
1,2-Dibromoethane	ND		mg/kg	0.00063	0.00037	1
Ethylbenzene	0.00021	J	mg/kg	0.0012	0.00018	1
p/m-Xylene	ND		mg/kg	0.0025	0.00070	1
o-Xylene	ND		mg/kg	0.0012	0.00036	1
Xylenes, Total	ND		mg/kg	0.0012	0.00036	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00014	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0025	0.00024	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0025	0.00042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	36	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-21
 Client ID: 401-MA3-1-61-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 10:45
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 16:56
 Analyst: JIC
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0029	0.00029	1
Benzene	0.00037	J	mg/kg	0.00072	0.00024	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00037	1
Toluene	ND		mg/kg	0.0014	0.00078	1
1,2-Dibromoethane	ND		mg/kg	0.00072	0.00042	1
Ethylbenzene	ND		mg/kg	0.0014	0.00020	1
p/m-Xylene	ND		mg/kg	0.0029	0.00080	1
o-Xylene	ND		mg/kg	0.0014	0.00042	1
Xylenes, Total	ND		mg/kg	0.0014	0.00042	1
Isopropylbenzene	ND		mg/kg	0.0014	0.00016	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0029	0.00028	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0029	0.00048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-23
 Client ID: 401-MA3-1-69-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 11:55
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 17:22
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0030	0.00031	1
Benzene	0.0053		mg/kg	0.00076	0.00025	1
1,2-Dichloroethane	ND		mg/kg	0.0015	0.00039	1
Toluene	0.00084	J	mg/kg	0.0015	0.00083	1
1,2-Dibromoethane	ND		mg/kg	0.00076	0.00045	1
Ethylbenzene	ND		mg/kg	0.0015	0.00022	1
p/m-Xylene	ND		mg/kg	0.0030	0.00086	1
o-Xylene	0.00061	J	mg/kg	0.0015	0.00044	1
Xylenes, Total	0.00061	J	mg/kg	0.0015	0.00044	1
Isopropylbenzene	0.0018		mg/kg	0.0015	0.00017	1
1,3,5-Trimethylbenzene	0.00085	J	mg/kg	0.0030	0.00030	1
1,2,4-Trimethylbenzene	0.00094	J	mg/kg	0.0030	0.00051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	147	Q	70-130
4-Bromofluorobenzene	150	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-25
 Client ID: 401-MA3-1-27-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:25
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 17:13
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	0.00044	J	mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	0.0049		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	ND		mg/kg	0.00096	0.00014	1
p/m-Xylene	0.0018	J	mg/kg	0.0019	0.00054	1
o-Xylene	0.0045		mg/kg	0.00096	0.00028	1
Xylenes, Total	0.0063	J	mg/kg	0.00096	0.00028	1
Isopropylbenzene	1.3	E	mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	0.00027	J	mg/kg	0.0019	0.00019	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	850	Q	70-130
4-Bromofluorobenzene	215	Q	70-130
Dibromofluoromethane	83		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-25
 Client ID: 401-MA3-1-27-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:25
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/25 10:37
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.014	J	mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	0.037	J	mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.017	J	mg/kg	0.064	0.0090	1
p/m-Xylene	0.050	J	mg/kg	0.13	0.036	1
o-Xylene	0.018	J	mg/kg	0.064	0.018	1
Xylenes, Total	0.068	J	mg/kg	0.064	0.018	1
Isopropylbenzene	5.2		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	0.022	J	mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.056	J	mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	145	Q	70-130
4-Bromofluorobenzene	162	Q	70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-27
 Client ID: 401-MA3-1-26-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 14:00
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 15:24
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	ND		mg/kg	0.033	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.065	0.017	1
Toluene	ND		mg/kg	0.065	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.033	0.019	1
Ethylbenzene	ND		mg/kg	0.065	0.0092	1
p/m-Xylene	ND		mg/kg	0.13	0.036	1
o-Xylene	ND		mg/kg	0.065	0.019	1
Xylenes, Total	ND		mg/kg	0.065	0.019	1
Isopropylbenzene	2.2		mg/kg	0.065	0.0071	1
1,3,5-Trimethylbenzene	0.014	J	mg/kg	0.13	0.013	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	198	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-29
 Client ID: 401-MA3-1-25-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:10
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/27/25 21:05
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00019	1
Benzene	0.0014		mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00092	0.00024	1
Toluene	0.00078	J	mg/kg	0.00092	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	0.0023		mg/kg	0.00092	0.00013	1
p/m-Xylene	0.0036		mg/kg	0.0018	0.00052	1
o-Xylene	0.0030		mg/kg	0.00092	0.00027	1
Xylenes, Total	0.0066		mg/kg	0.00092	0.00027	1
Isopropylbenzene	0.060		mg/kg	0.00092	0.00010	1
1,3,5-Trimethylbenzene	0.00070	J	mg/kg	0.0018	0.00018	1
1,2,4-Trimethylbenzene	0.0034		mg/kg	0.0018	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	166	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-29 R
 Client ID: 401-MA3-1-25-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:10
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 00:27
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	0.0012		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00032	1
Ethylbenzene	0.0044		mg/kg	0.0011	0.00015	1
p/m-Xylene	0.0098		mg/kg	0.0022	0.00060	1
o-Xylene	0.0053		mg/kg	0.0011	0.00031	1
Xylenes, Total	0.015		mg/kg	0.0011	0.00031	1
Isopropylbenzene	0.22		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.0050		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	0.016		mg/kg	0.0022	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	720	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-31
 Client ID: 401-MA3-1-25-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:20
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/27/25 21:27
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.036		mg/kg	0.00056	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	0.011		mg/kg	0.0011	0.00061	1
1,2-Dibromoethane	ND		mg/kg	0.00056	0.00033	1
Ethylbenzene	0.035		mg/kg	0.0011	0.00016	1
p/m-Xylene	0.079		mg/kg	0.0022	0.00062	1
o-Xylene	0.035		mg/kg	0.0011	0.00032	1
Xylenes, Total	0.11		mg/kg	0.0011	0.00032	1
Isopropylbenzene	6.6	E	mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.040		mg/kg	0.0022	0.00022	1
1,2,4-Trimethylbenzene	0.23		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	142	Q	70-130
4-Bromofluorobenzene	6050	Q	70-130
Dibromofluoromethane	71		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-31
 Client ID: 401-MA3-1-25-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:20
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 06:45
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.049		mg/kg	0.029	0.0096	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	ND		mg/kg	0.058	0.031	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	0.035	J	mg/kg	0.058	0.0081	1
p/m-Xylene	0.065	J	mg/kg	0.12	0.032	1
o-Xylene	0.023	J	mg/kg	0.058	0.017	1
Xylenes, Total	0.088	J	mg/kg	0.058	0.017	1
Isopropylbenzene	0.61		mg/kg	0.058	0.0063	1
1,3,5-Trimethylbenzene	0.013	J	mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	0.065	J	mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-33
 Client ID: 401-MA3-1-25-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:30
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 13:42
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00047	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00095	0.00024	1
Toluene	ND		mg/kg	0.00095	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00047	0.00028	1
Ethylbenzene	ND		mg/kg	0.00095	0.00013	1
p/m-Xylene	ND		mg/kg	0.0019	0.00053	1
o-Xylene	ND		mg/kg	0.00095	0.00028	1
Xylenes, Total	ND		mg/kg	0.00095	0.00028	1
Isopropylbenzene	0.014		mg/kg	0.00095	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	76		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-35
 Client ID: 401-MA3-1-25-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:40
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 07:10
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.10	0.010	1
Benzene	0.052		mg/kg	0.025	0.0083	1
1,2-Dichloroethane	ND		mg/kg	0.050	0.013	1
Toluene	0.040	J	mg/kg	0.050	0.027	1
1,2-Dibromoethane	ND		mg/kg	0.025	0.015	1
Ethylbenzene	0.061		mg/kg	0.050	0.0070	1
p/m-Xylene	0.12		mg/kg	0.10	0.028	1
o-Xylene	0.071		mg/kg	0.050	0.014	1
Xylenes, Total	0.19		mg/kg	0.050	0.014	1
Isopropylbenzene	8.6		mg/kg	0.050	0.0054	1
1,3,5-Trimethylbenzene	0.020	J	mg/kg	0.10	0.0096	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	206	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-37
 Client ID: 401-MA3-1-25-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:50
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 07:35
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.19	0.019	1
Benzene	ND		mg/kg	0.047	0.016	1
1,2-Dichloroethane	ND		mg/kg	0.094	0.024	1
Toluene	ND		mg/kg	0.094	0.051	1
1,2-Dibromoethane	ND		mg/kg	0.047	0.027	1
Ethylbenzene	ND		mg/kg	0.094	0.013	1
p/m-Xylene	ND		mg/kg	0.19	0.052	1
o-Xylene	ND		mg/kg	0.094	0.027	1
Xylenes, Total	ND		mg/kg	0.094	0.027	1
Isopropylbenzene	8.8		mg/kg	0.094	0.010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.19	0.018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.19	0.031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	219	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-39
 Client ID: 401-MA3-1-17-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:40
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 08:00
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	1.0		mg/kg	0.031	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.062	0.016	1
Toluene	1.4		mg/kg	0.062	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.031	0.018	1
Ethylbenzene	16.		mg/kg	0.062	0.0088	1
p/m-Xylene	34.		mg/kg	0.12	0.035	1
o-Xylene	1.3		mg/kg	0.062	0.018	1
Xylenes, Total	35.		mg/kg	0.062	0.018	1
Isopropylbenzene	16.		mg/kg	0.062	0.0068	1
1,3,5-Trimethylbenzene	20.	E	mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	34.	E	mg/kg	0.12	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	138	Q	70-130
Toluene-d8	134	Q	70-130
4-Bromofluorobenzene	303	Q	70-130
Dibromofluoromethane	25	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-39 D
 Client ID: 401-MA3-1-17-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:40
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 16:31
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	3.1	0.31	25
Benzene	3.2		mg/kg	0.78	0.26	25
1,2-Dichloroethane	ND		mg/kg	1.6	0.40	25
Toluene	1.4	J	mg/kg	1.6	0.85	25
1,2-Dibromoethane	ND		mg/kg	0.78	0.46	25
Ethylbenzene	14.		mg/kg	1.6	0.22	25
p/m-Xylene	29.		mg/kg	3.1	0.87	25
o-Xylene	1.2	J	mg/kg	1.6	0.45	25
Xylenes, Total	30.	J	mg/kg	0.062	0.018	25
Isopropylbenzene	15.		mg/kg	1.6	0.17	25
1,3,5-Trimethylbenzene	21.		mg/kg	3.1	0.30	25
1,2,4-Trimethylbenzene	37.		mg/kg	3.1	0.52	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	81		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-41 D
 Client ID: 401-MA3-1-16-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:45
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 16:54
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.31	0.031	2
Benzene	0.068	J	mg/kg	0.077	0.026	2
1,2-Dichloroethane	ND		mg/kg	0.15	0.040	2
Toluene	0.29		mg/kg	0.15	0.084	2
1,2-Dibromoethane	ND		mg/kg	0.077	0.045	2
Ethylbenzene	0.44		mg/kg	0.15	0.022	2
p/m-Xylene	4.0		mg/kg	0.31	0.086	2
o-Xylene	0.50		mg/kg	0.15	0.045	2
Xylenes, Total	4.5		mg/kg	0.15	0.045	2
Isopropylbenzene	7.6		mg/kg	0.15	0.017	2
1,3,5-Trimethylbenzene	0.61		mg/kg	0.31	0.030	2
1,2,4-Trimethylbenzene	0.79		mg/kg	0.31	0.052	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	184	Q	70-130
Dibromofluoromethane	45	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-43 D
 Client ID: 401-MA3-1-16-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:55
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/24/25 17:16
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.28	0.028	2
Benzene	0.064	J	mg/kg	0.069	0.023	2
1,2-Dichloroethane	ND		mg/kg	0.14	0.036	2
Toluene	0.27		mg/kg	0.14	0.075	2
1,2-Dibromoethane	ND		mg/kg	0.069	0.040	2
Ethylbenzene	0.33		mg/kg	0.14	0.020	2
p/m-Xylene	2.9		mg/kg	0.28	0.078	2
o-Xylene	0.27		mg/kg	0.14	0.040	2
Xylenes, Total	3.2		mg/kg	0.14	0.040	2
Isopropylbenzene	4.8		mg/kg	0.14	0.015	2
1,3,5-Trimethylbenzene	0.42		mg/kg	0.28	0.027	2
1,2,4-Trimethylbenzene	0.23	J	mg/kg	0.28	0.046	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	174	Q	70-130
Dibromofluoromethane	50	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-45 D2
 Client ID: 401-MA3-1-11-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 09:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 15:55
 Analyst: JIC
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	540		mg/kg	18	2.9	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-45 D
 Client ID: 401-MA3-1-11-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 09:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 19:20
 Analyst: JIC
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.8	0.18	10
Benzene	0.49		mg/kg	0.44	0.14	10
1,2-Dichloroethane	ND		mg/kg	0.88	0.22	10
Toluene	1.6		mg/kg	0.88	0.48	10
1,2-Dibromoethane	ND		mg/kg	0.44	0.26	10
Ethylbenzene	9.6		mg/kg	0.88	0.12	10
p/m-Xylene	310		mg/kg	1.8	0.49	10
o-Xylene	14.		mg/kg	0.88	0.25	10
Xylenes, Total	320		mg/kg	0.88	0.25	10
Isopropylbenzene	70.		mg/kg	0.88	0.095	10
1,3,5-Trimethylbenzene	200		mg/kg	1.8	0.17	10
1,2,4-Trimethylbenzene	440	E	mg/kg	1.8	0.29	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	87		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-47
 Client ID: 401-MA3-1-11-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:05
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 02:33
 Analyst: JIC
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.20		mg/kg	0.033	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.066	0.017	1
Toluene	0.10		mg/kg	0.066	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.033	0.019	1
Ethylbenzene	0.34		mg/kg	0.066	0.0092	1
p/m-Xylene	0.37		mg/kg	0.13	0.037	1
o-Xylene	0.070		mg/kg	0.066	0.019	1
Xylenes, Total	0.44		mg/kg	0.066	0.019	1
Isopropylbenzene	10.		mg/kg	0.066	0.0072	1
1,3,5-Trimethylbenzene	0.41		mg/kg	0.13	0.013	1
1,2,4-Trimethylbenzene	0.39		mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	171	Q	70-130
Dibromofluoromethane	70		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-49
 Client ID: 401-MA3-1-10-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 12:50
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0026	0.00026	1
Benzene	0.00097		mg/kg	0.00064	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00033	1
Toluene	ND		mg/kg	0.0013	0.00069	1
1,2-Dibromoethane	ND		mg/kg	0.00064	0.00037	1
Ethylbenzene	0.00070	J	mg/kg	0.0013	0.00018	1
p/m-Xylene	0.0021	J	mg/kg	0.0026	0.00071	1
o-Xylene	0.00059	J	mg/kg	0.0013	0.00037	1
Xylenes, Total	0.0027	J	mg/kg	0.0013	0.00037	1
Isopropylbenzene	0.00068	J	mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	0.00038	J	mg/kg	0.0026	0.00025	1
1,2,4-Trimethylbenzene	0.00087	J	mg/kg	0.0026	0.00043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-51 D2
 Client ID: 401-MA3-1-10-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:05
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 04:14
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.24	0.024	2
Benzene	4.9		mg/kg	0.061	0.020	2
1,2-Dichloroethane	ND		mg/kg	0.12	0.031	2
Toluene	1.7		mg/kg	0.12	0.066	2
1,2-Dibromoethane	ND		mg/kg	0.061	0.036	2
Ethylbenzene	170	E	mg/kg	0.12	0.017	2
p/m-Xylene	86.	E	mg/kg	0.24	0.068	2
o-Xylene	7.8		mg/kg	0.12	0.035	2
Isopropylbenzene	21.		mg/kg	0.12	0.013	2
1,3,5-Trimethylbenzene	23.		mg/kg	0.24	0.024	2
1,2,4-Trimethylbenzene	50.	E	mg/kg	0.24	0.041	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	200	Q	70-130
Dibromofluoromethane	64	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-51 D
 Client ID: 401-MA3-1-10-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:05
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 00:10
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Ethylbenzene	160		mg/kg	6.1	0.86	100
p/m-Xylene	75.		mg/kg	12	3.4	100
Xylenes, Total	83.		mg/kg	0.12	0.035	100
1,2,4-Trimethylbenzene	51.		mg/kg	12	2.0	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-53
 Client ID: 401-MA3-1-10-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:15
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 15:26
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.11	0.011	1
Benzene	1.7		mg/kg	0.028	0.0094	1
1,2-Dichloroethane	ND		mg/kg	0.057	0.014	1
Toluene	0.37		mg/kg	0.057	0.031	1
1,2-Dibromoethane	ND		mg/kg	0.028	0.017	1
Ethylbenzene	4.7		mg/kg	0.057	0.0080	1
p/m-Xylene	3.9		mg/kg	0.11	0.032	1
o-Xylene	0.35		mg/kg	0.057	0.016	1
Xylenes, Total	4.2		mg/kg	0.057	0.016	1
Isopropylbenzene	5.0		mg/kg	0.057	0.0062	1
1,3,5-Trimethylbenzene	0.56		mg/kg	0.11	0.011	1
1,2,4-Trimethylbenzene	0.29		mg/kg	0.11	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	151	Q	70-130
4-Bromofluorobenzene	160	Q	70-130
Dibromofluoromethane	55	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-55
 Client ID: 401-MA3-1-10-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:25
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 03:18
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	1.9		mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	0.47		mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	3.2		mg/kg	0.064	0.0090	1
p/m-Xylene	2.5		mg/kg	0.13	0.036	1
o-Xylene	0.34		mg/kg	0.064	0.019	1
Xylenes, Total	2.8		mg/kg	0.064	0.019	1
Isopropylbenzene	6.0		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	0.92		mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.60		mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	181	Q	70-130
Dibromofluoromethane	60	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-57
 Client ID: 401-MA3-1-10-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:35
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 04:03
 Analyst: JIC
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.15	0.015	1
Benzene	1.7		mg/kg	0.038	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.076	0.019	1
Toluene	0.84		mg/kg	0.076	0.041	1
1,2-Dibromoethane	ND		mg/kg	0.038	0.022	1
Ethylbenzene	4.2		mg/kg	0.076	0.011	1
p/m-Xylene	2.8		mg/kg	0.15	0.042	1
o-Xylene	0.54		mg/kg	0.076	0.022	1
Xylenes, Total	3.3		mg/kg	0.076	0.022	1
Isopropylbenzene	12.		mg/kg	0.076	0.0082	1
1,3,5-Trimethylbenzene	1.3		mg/kg	0.15	0.014	1
1,2,4-Trimethylbenzene	0.64		mg/kg	0.15	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	234	Q	70-130
Dibromofluoromethane	48	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-59
 Client ID: 401-MA3-1-09-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 04:48
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	1.2		mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.065	0.017	1
Toluene	0.33		mg/kg	0.065	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.40		mg/kg	0.065	0.0091	1
p/m-Xylene	0.66		mg/kg	0.13	0.036	1
o-Xylene	0.15		mg/kg	0.065	0.019	1
Xylenes, Total	0.81		mg/kg	0.065	0.019	1
Isopropylbenzene	0.12		mg/kg	0.065	0.0070	1
1,3,5-Trimethylbenzene	0.12	J	mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.61		mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	88		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-59
 Client ID: 401-MA3-1-09-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 13:16
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0030	0.00030	1
Benzene	0.057		mg/kg	0.00075	0.00025	1
1,2-Dichloroethane	ND		mg/kg	0.0015	0.00039	1
Toluene	0.0090		mg/kg	0.0015	0.00082	1
1,2-Dibromoethane	ND		mg/kg	0.00075	0.00044	1
Ethylbenzene	0.015		mg/kg	0.0015	0.00021	1
p/m-Xylene	0.022		mg/kg	0.0030	0.00084	1
o-Xylene	0.0096		mg/kg	0.0015	0.00044	1
Xylenes, Total	0.032		mg/kg	0.0015	0.00044	1
Isopropylbenzene	0.010		mg/kg	0.0015	0.00016	1
1,3,5-Trimethylbenzene	0.0082		mg/kg	0.0030	0.00029	1
1,2,4-Trimethylbenzene	0.023		mg/kg	0.0030	0.00050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-61 D2
 Client ID: 401-MA3-1-09-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 04:39
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.31	0.031	2.5
Benzene	4.5		mg/kg	0.078	0.026	2.5
1,2-Dichloroethane	ND		mg/kg	0.16	0.040	2.5
Toluene	2.2		mg/kg	0.16	0.084	2.5
1,2-Dibromoethane	ND		mg/kg	0.078	0.045	2.5
Ethylbenzene	7.4		mg/kg	0.16	0.022	2.5
p/m-Xylene	11.		mg/kg	0.31	0.087	2.5
o-Xylene	6.2		mg/kg	0.16	0.045	2.5
Xylenes, Total	17.		mg/kg	0.16	0.045	2.5
Isopropylbenzene	7.4		mg/kg	0.16	0.017	2.5
1,3,5-Trimethylbenzene	5.1		mg/kg	0.31	0.030	2.5
1,2,4-Trimethylbenzene	76.	E	mg/kg	0.31	0.052	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	201	Q	70-130
Dibromofluoromethane	82		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-61 D
 Client ID: 401-MA3-1-09-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 01:54
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	96.		mg/kg	12	2.1	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-63 D2
 Client ID: 401-MA3-1-09-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:05
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 05:04
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.4	0.14	10
Benzene	26.		mg/kg	0.36	0.12	10
1,2-Dichloroethane	ND		mg/kg	0.72	0.18	10
Toluene	18.		mg/kg	0.72	0.39	10
1,2-Dibromoethane	ND		mg/kg	0.36	0.21	10
Ethylbenzene	23.		mg/kg	0.72	0.10	10
p/m-Xylene	97.		mg/kg	1.4	0.40	10
o-Xylene	44.		mg/kg	0.72	0.21	10
Xylenes, Total	140		mg/kg	0.72	0.21	10
Isopropylbenzene	24.		mg/kg	0.72	0.078	10
1,3,5-Trimethylbenzene	55.		mg/kg	1.4	0.14	10
1,2,4-Trimethylbenzene	290	E	mg/kg	1.4	0.24	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	148	Q	70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-63 D
 Client ID: 401-MA3-1-09-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:05
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 02:20
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	390		mg/kg	14	2.4	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-65 D2
 Client ID: 401-MA3-1-09-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:15
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 05:29
 Analyst: JIC
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	3.8	0.38	25
Benzene	35.		mg/kg	0.95	0.31	25
1,2-Dichloroethane	ND		mg/kg	1.9	0.49	25
Toluene	63.		mg/kg	1.9	1.0	25
1,2-Dibromoethane	ND		mg/kg	0.95	0.56	25
Ethylbenzene	100		mg/kg	1.9	0.27	25
p/m-Xylene	690		mg/kg	3.8	1.1	25
o-Xylene	280		mg/kg	1.9	0.55	25
Xylenes, Total	970		mg/kg	1.9	0.55	25
Isopropylbenzene	54.		mg/kg	1.9	0.21	25
1,3,5-Trimethylbenzene	270		mg/kg	3.8	0.37	25
1,2,4-Trimethylbenzene	850	E	mg/kg	3.8	0.63	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-65 D
 Client ID: 401-MA3-1-09-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:15
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 02:46
 Analyst: JIC
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	1000		mg/kg	15	2.5	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-67 D2
 Client ID: 401-MA3-1-09-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:25
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 05:54
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.3	0.13	10
Benzene	6.4		mg/kg	0.33	0.11	10
1,2-Dichloroethane	ND		mg/kg	0.66	0.17	10
Toluene	22.		mg/kg	0.66	0.36	10
1,2-Dibromoethane	ND		mg/kg	0.33	0.19	10
Ethylbenzene	25.		mg/kg	0.66	0.093	10
p/m-Xylene	140		mg/kg	1.3	0.37	10
o-Xylene	48.		mg/kg	0.66	0.19	10
Xylenes, Total	190		mg/kg	0.66	0.19	10
Isopropylbenzene	16.		mg/kg	0.66	0.072	10
1,3,5-Trimethylbenzene	110		mg/kg	1.3	0.13	10
1,2,4-Trimethylbenzene	310	E	mg/kg	1.3	0.22	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	157	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-67 D
 Client ID: 401-MA3-1-09-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:25
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 03:12
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	380		mg/kg	13	2.2	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-69
 Client ID: 401-MA3-1-12-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:40
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 01:25
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00024	1
Benzene	ND		mg/kg	0.00061	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00031	1
Toluene	ND		mg/kg	0.0012	0.00066	1
1,2-Dibromoethane	ND		mg/kg	0.00061	0.00036	1
Ethylbenzene	ND		mg/kg	0.0012	0.00017	1
p/m-Xylene	ND		mg/kg	0.0024	0.00068	1
o-Xylene	ND		mg/kg	0.0012	0.00036	1
Xylenes, Total	ND		mg/kg	0.0012	0.00036	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0024	0.00024	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0024	0.00041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	162	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-71
 Client ID: 401-MA3-1-12-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:50
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 01:48
 Analyst: JIC
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	0.00023	J	mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	153	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-73
 Client ID: 401-MA3-1-13-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:30
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 02:58
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	ND		mg/kg	0.036	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.072	0.018	1
Toluene	ND		mg/kg	0.072	0.039	1
1,2-Dibromoethane	ND		mg/kg	0.036	0.021	1
Ethylbenzene	ND		mg/kg	0.072	0.010	1
p/m-Xylene	ND		mg/kg	0.14	0.040	1
o-Xylene	ND		mg/kg	0.072	0.021	1
Xylenes, Total	ND		mg/kg	0.072	0.021	1
Isopropylbenzene	2.0		mg/kg	0.072	0.0078	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	159	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-75
 Client ID: 401-MA3-1-13-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:40
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 03:23
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.11	0.011	1
Benzene	ND		mg/kg	0.027	0.0091	1
1,2-Dichloroethane	ND		mg/kg	0.055	0.014	1
Toluene	ND		mg/kg	0.055	0.030	1
1,2-Dibromoethane	ND		mg/kg	0.027	0.016	1
Ethylbenzene	ND		mg/kg	0.055	0.0077	1
p/m-Xylene	ND		mg/kg	0.11	0.031	1
o-Xylene	ND		mg/kg	0.055	0.016	1
Xylenes, Total	ND		mg/kg	0.055	0.016	1
Isopropylbenzene	2.2		mg/kg	0.055	0.0060	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.11	0.010	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.11	0.018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	172	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-77
 Client ID: 401-MA3-1-14-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 08:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 02:10
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00047	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00095	0.00024	1
Toluene	0.00054	J	mg/kg	0.00095	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00047	0.00028	1
Ethylbenzene	ND		mg/kg	0.00095	0.00013	1
p/m-Xylene	0.0020		mg/kg	0.0019	0.00053	1
o-Xylene	0.00057	J	mg/kg	0.00095	0.00028	1
Xylenes, Total	0.0026	J	mg/kg	0.00095	0.00028	1
Isopropylbenzene	0.059		mg/kg	0.00095	0.00010	1
1,3,5-Trimethylbenzene	0.00038	J	mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	232	Q	70-130
Dibromofluoromethane	85		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-79
 Client ID: 401-MA3-1-14-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 05:49
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0025	0.00025	1
Benzene	ND		mg/kg	0.00062	0.00020	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00032	1
Toluene	ND		mg/kg	0.0012	0.00067	1
1,2-Dibromoethane	ND		mg/kg	0.00062	0.00036	1
Ethylbenzene	ND		mg/kg	0.0012	0.00017	1
p/m-Xylene	ND		mg/kg	0.0025	0.00069	1
o-Xylene	ND		mg/kg	0.0012	0.00036	1
Xylenes, Total	ND		mg/kg	0.0012	0.00036	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0025	0.00024	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0025	0.00041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-81
 Client ID: 401-MA3-1-44-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:35
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/28/25 06:15
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00023	1
Benzene	0.00032	J	mg/kg	0.00056	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00061	1
1,2-Dibromoethane	ND		mg/kg	0.00056	0.00033	1
Ethylbenzene	0.00030	J	mg/kg	0.0011	0.00016	1
p/m-Xylene	0.0017	J	mg/kg	0.0022	0.00063	1
o-Xylene	0.0011		mg/kg	0.0011	0.00033	1
Xylenes, Total	0.0028	J	mg/kg	0.0011	0.00033	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-83
 Client ID: 401-MA3-1-44-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 06:20
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.21	0.022	1
Benzene	1.6		mg/kg	0.054	0.018	1
1,2-Dichloroethane	ND		mg/kg	0.11	0.028	1
Toluene	0.64		mg/kg	0.11	0.058	1
1,2-Dibromoethane	ND		mg/kg	0.054	0.031	1
Ethylbenzene	1.7		mg/kg	0.11	0.015	1
p/m-Xylene	0.64		mg/kg	0.21	0.060	1
o-Xylene	0.089	J	mg/kg	0.11	0.031	1
Xylenes, Total	0.73	J	mg/kg	0.11	0.031	1
Isopropylbenzene	1.3		mg/kg	0.11	0.012	1
1,3,5-Trimethylbenzene	0.081	J	mg/kg	0.21	0.021	1
1,2,4-Trimethylbenzene	0.26		mg/kg	0.21	0.036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-83
 Client ID: 401-MA3-1-44-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 14:08
 Analyst: JIC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0033	0.00033	1
Benzene	0.048		mg/kg	0.00082	0.00027	1
1,2-Dichloroethane	ND		mg/kg	0.0016	0.00042	1
Toluene	0.022		mg/kg	0.0016	0.00089	1
1,2-Dibromoethane	ND		mg/kg	0.00082	0.00048	1
Ethylbenzene	0.045		mg/kg	0.0016	0.00023	1
p/m-Xylene	0.017		mg/kg	0.0033	0.00091	1
o-Xylene	0.0035		mg/kg	0.0016	0.00048	1
Xylenes, Total	0.020		mg/kg	0.0016	0.00048	1
Isopropylbenzene	0.14		mg/kg	0.0016	0.00018	1
1,3,5-Trimethylbenzene	0.0010	J	mg/kg	0.0033	0.00032	1
1,2,4-Trimethylbenzene	0.0037		mg/kg	0.0033	0.00054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	154	Q	70-130
4-Bromofluorobenzene	437	Q	70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-85
 Client ID: 401-MA3-1-44-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 03:48
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.19	0.019	1
Benzene	0.93		mg/kg	0.048	0.016	1
1,2-Dichloroethane	ND		mg/kg	0.096	0.025	1
Toluene	0.38		mg/kg	0.096	0.052	1
1,2-Dibromoethane	ND		mg/kg	0.048	0.028	1
Ethylbenzene	1.2		mg/kg	0.096	0.014	1
p/m-Xylene	0.52		mg/kg	0.19	0.054	1
o-Xylene	0.061	J	mg/kg	0.096	0.028	1
Xylenes, Total	0.58	J	mg/kg	0.096	0.028	1
Isopropylbenzene	2.8		mg/kg	0.096	0.010	1
1,3,5-Trimethylbenzene	0.055	J	mg/kg	0.19	0.019	1
1,2,4-Trimethylbenzene	0.20		mg/kg	0.19	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	132	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-87
 Client ID: 401-MA3-1-44-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 01:42
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0030	0.00030	1
Benzene	0.010		mg/kg	0.00075	0.00025	1
1,2-Dichloroethane	ND		mg/kg	0.0015	0.00039	1
Toluene	0.0033		mg/kg	0.0015	0.00082	1
1,2-Dibromoethane	ND		mg/kg	0.00075	0.00044	1
Ethylbenzene	0.010		mg/kg	0.0015	0.00021	1
p/m-Xylene	0.0049		mg/kg	0.0030	0.00084	1
o-Xylene	0.00098	J	mg/kg	0.0015	0.00044	1
Xylenes, Total	0.0059	J	mg/kg	0.0015	0.00044	1
Isopropylbenzene	0.052		mg/kg	0.0015	0.00016	1
1,3,5-Trimethylbenzene	0.00044	J	mg/kg	0.0030	0.00029	1
1,2,4-Trimethylbenzene	0.0022	J	mg/kg	0.0030	0.00050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-87
 Client ID: 401-MA3-1-44-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 02:33
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.17	0.017	1
Benzene	1.6		mg/kg	0.042	0.014	1
1,2-Dichloroethane	ND		mg/kg	0.085	0.022	1
Toluene	0.98		mg/kg	0.085	0.046	1
1,2-Dibromoethane	ND		mg/kg	0.042	0.025	1
Ethylbenzene	1.3		mg/kg	0.085	0.012	1
p/m-Xylene	0.97		mg/kg	0.17	0.048	1
o-Xylene	0.11		mg/kg	0.085	0.025	1
Xylenes, Total	1.1		mg/kg	0.085	0.025	1
Isopropylbenzene	3.0		mg/kg	0.085	0.0093	1
1,3,5-Trimethylbenzene	0.045	J	mg/kg	0.17	0.016	1
1,2,4-Trimethylbenzene	0.23		mg/kg	0.17	0.028	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	151	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-89
 Client ID: 401-MA3-1-44-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:15
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 15:52
 Analyst: JIC
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	0.25		mg/kg	0.040	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.081	0.021	1
Toluene	0.18		mg/kg	0.081	0.044	1
1,2-Dibromoethane	ND		mg/kg	0.040	0.024	1
Ethylbenzene	0.12		mg/kg	0.081	0.011	1
p/m-Xylene	0.27		mg/kg	0.16	0.045	1
o-Xylene	0.024	J	mg/kg	0.081	0.024	1
Xylenes, Total	0.29	J	mg/kg	0.081	0.024	1
Isopropylbenzene	2.0		mg/kg	0.081	0.0088	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.16	0.016	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.16	0.027	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-89
 Client ID: 401-MA3-1-44-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:15
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 10:42
 Analyst: AJK
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.0036		mg/kg	0.00056	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	0.0021		mg/kg	0.0011	0.00061	1
1,2-Dibromoethane	ND		mg/kg	0.00056	0.00033	1
Ethylbenzene	0.0017		mg/kg	0.0011	0.00016	1
p/m-Xylene	0.0038		mg/kg	0.0022	0.00063	1
o-Xylene	0.00095	J	mg/kg	0.0011	0.00033	1
Xylenes, Total	0.0048	J	mg/kg	0.0011	0.00033	1
Isopropylbenzene	0.17		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	0.00022	J	mg/kg	0.0022	0.00022	1
1,2,4-Trimethylbenzene	0.00092	J	mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	155	Q	70-130
4-Bromofluorobenzene	450	Q	70-130
Dibromofluoromethane	88		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-91
 Client ID: 401-MA3-1-18-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 16:18
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.96		mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	0.27		mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.13		mg/kg	0.064	0.0090	1
p/m-Xylene	0.38		mg/kg	0.13	0.036	1
o-Xylene	0.094		mg/kg	0.064	0.019	1
Xylenes, Total	0.47		mg/kg	0.064	0.019	1
Isopropylbenzene	0.16		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	0.026	J	mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.11	J	mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	84		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-91
 Client ID: 401-MA3-1-18-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 11:08
 Analyst: AJK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	0.014		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	0.0017		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	0.0013		mg/kg	0.00096	0.00014	1
p/m-Xylene	0.0028		mg/kg	0.0019	0.00054	1
o-Xylene	0.0020		mg/kg	0.00096	0.00028	1
Xylenes, Total	0.0048		mg/kg	0.00096	0.00028	1
Isopropylbenzene	0.0044		mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	0.00056	J	mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	83		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-93
 Client ID: 401-MA3-1-18-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 11:34
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0028	0.00028	1
Benzene	0.0094		mg/kg	0.00069	0.00023	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00036	1
Toluene	0.0013	J	mg/kg	0.0014	0.00075	1
1,2-Dibromoethane	ND		mg/kg	0.00069	0.00040	1
Ethylbenzene	0.00054	J	mg/kg	0.0014	0.00020	1
p/m-Xylene	0.0015	J	mg/kg	0.0028	0.00078	1
o-Xylene	0.0014		mg/kg	0.0014	0.00040	1
Xylenes, Total	0.0029	J	mg/kg	0.0014	0.00040	1
Isopropylbenzene	0.0040		mg/kg	0.0014	0.00015	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0028	0.00027	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0028	0.00046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	84		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-95
 Client ID: 401-MA3-1-18-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 18:54
 Analyst: JIC
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	0.45		mg/kg	0.039	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.078	0.020	1
Toluene	0.21		mg/kg	0.078	0.043	1
1,2-Dibromoethane	ND		mg/kg	0.039	0.023	1
Ethylbenzene	0.026	J	mg/kg	0.078	0.011	1
p/m-Xylene	0.14	J	mg/kg	0.16	0.044	1
o-Xylene	0.27		mg/kg	0.078	0.023	1
Xylenes, Total	0.41	J	mg/kg	0.078	0.023	1
Isopropylbenzene	2.3		mg/kg	0.078	0.0086	1
1,3,5-Trimethylbenzene	0.018	J	mg/kg	0.16	0.015	1
1,2,4-Trimethylbenzene	0.075	J	mg/kg	0.16	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	71		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-95
 Client ID: 401-MA3-1-18-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 12:00
 Analyst: AJK
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0036	0.00036	1
Benzene	0.0030		mg/kg	0.00090	0.00030	1
1,2-Dichloroethane	ND		mg/kg	0.0018	0.00046	1
Toluene	0.0022		mg/kg	0.0018	0.00098	1
1,2-Dibromoethane	ND		mg/kg	0.00090	0.00053	1
Ethylbenzene	0.00091	J	mg/kg	0.0018	0.00025	1
p/m-Xylene	0.0038		mg/kg	0.0036	0.0010	1
o-Xylene	0.013		mg/kg	0.0018	0.00052	1
Xylenes, Total	0.017		mg/kg	0.0018	0.00052	1
Isopropylbenzene	0.078		mg/kg	0.0018	0.00020	1
1,3,5-Trimethylbenzene	0.00039	J	mg/kg	0.0036	0.00035	1
1,2,4-Trimethylbenzene	0.0023	J	mg/kg	0.0036	0.00060	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	142	Q	70-130
4-Bromofluorobenzene	251	Q	70-130
Dibromofluoromethane	54	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-97
 Client ID: 401-MA3-1-18-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:15
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 15:00
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	0.00068		mg/kg	0.00055	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	0.0011		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00055	0.00032	1
Ethylbenzene	0.00036	J	mg/kg	0.0011	0.00016	1
p/m-Xylene	0.0028		mg/kg	0.0022	0.00062	1
o-Xylene	0.0067		mg/kg	0.0011	0.00032	1
Xylenes, Total	0.0095		mg/kg	0.0011	0.00032	1
Isopropylbenzene	0.081		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	143	Q	70-130
4-Bromofluorobenzene	217	Q	70-130
Dibromofluoromethane	61	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-99
 Client ID: 401-MA3-1-18-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:25
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 16:21
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	0.0028		mg/kg	0.0019	0.00019	1
Benzene	0.0028		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	0.00090	J	mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	0.0013		mg/kg	0.00096	0.00014	1
p/m-Xylene	0.0024		mg/kg	0.0019	0.00054	1
o-Xylene	0.0010		mg/kg	0.00096	0.00028	1
Xylenes, Total	0.0034		mg/kg	0.00096	0.00028	1
Isopropylbenzene	0.077		mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	144	Q	70-130
4-Bromofluorobenzene	74		70-130
Dibromofluoromethane	78		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-101
 Client ID: 401-MA3-1-20-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 17:36
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.26	0.026	1
Benzene	0.32		mg/kg	0.064	0.021	1
1,2-Dichloroethane	ND		mg/kg	0.13	0.033	1
Toluene	0.33		mg/kg	0.13	0.070	1
1,2-Dibromoethane	ND		mg/kg	0.064	0.038	1
Ethylbenzene	0.14		mg/kg	0.13	0.018	1
p/m-Xylene	0.56		mg/kg	0.26	0.072	1
o-Xylene	0.14		mg/kg	0.13	0.037	1
Xylenes, Total	0.70		mg/kg	0.13	0.037	1
Isopropylbenzene	5.0		mg/kg	0.13	0.014	1
1,3,5-Trimethylbenzene	0.059	J	mg/kg	0.26	0.025	1
1,2,4-Trimethylbenzene	0.26		mg/kg	0.26	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	123		70-130
4-Bromofluorobenzene	186	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-103
 Client ID: 401-MA3-1-20-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:30
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 13:19
 Analyst: AJK
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.034	J	mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.071	0.018	1
Toluene	0.041	J	mg/kg	0.071	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.021	1
Ethylbenzene	0.015	J	mg/kg	0.071	0.010	1
p/m-Xylene	0.060	J	mg/kg	0.14	0.040	1
o-Xylene	0.024	J	mg/kg	0.071	0.020	1
Xylenes, Total	0.084	J	mg/kg	0.071	0.020	1
Isopropylbenzene	2.2		mg/kg	0.071	0.0077	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.047	J	mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	167	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-105
 Client ID: 401-MA3-1-20-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:40
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 18:02
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	ND		mg/kg	0.029	0.0097	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	ND		mg/kg	0.058	0.032	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	ND		mg/kg	0.058	0.0082	1
p/m-Xylene	ND		mg/kg	0.12	0.033	1
o-Xylene	ND		mg/kg	0.058	0.017	1
Xylenes, Total	ND		mg/kg	0.058	0.017	1
Isopropylbenzene	1.6		mg/kg	0.058	0.0064	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	163	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-107
 Client ID: 401-MA3-1-20-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/29/25 14:34
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.00037	J	mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.0043		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	0.00035	J	mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	186	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-109
 Client ID: 401-MA3-1-20-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 23:42
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	0.00089	J	mg/kg	0.0021	0.00021	1
Benzene	0.00019	J	mg/kg	0.00053	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	0.00074	J	mg/kg	0.0010	0.00057	1
1,2-Dibromoethane	ND		mg/kg	0.00053	0.00031	1
Ethylbenzene	ND		mg/kg	0.0010	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00059	1
o-Xylene	0.0030		mg/kg	0.0010	0.00031	1
Xylenes, Total	0.0030		mg/kg	0.0010	0.00031	1
Isopropylbenzene	0.25		mg/kg	0.0010	0.00012	1
1,3,5-Trimethylbenzene	0.00037	J	mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	689	Q	70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-111
 Client ID: 401-MA3-1-22-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:40
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 13:45
 Analyst: AJK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.010	J	mg/kg	0.032	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	ND		mg/kg	0.064	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.022	J	mg/kg	0.064	0.0090	1
p/m-Xylene	ND		mg/kg	0.13	0.036	1
o-Xylene	ND		mg/kg	0.064	0.018	1
Xylenes, Total	ND		mg/kg	0.064	0.018	1
Isopropylbenzene	7.4		mg/kg	0.064	0.0069	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.031	J	mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	234	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-113
 Client ID: 401-MA3-1-22-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 12:52
 Analyst: AJK
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	0.017	J	mg/kg	0.14	0.014	1
Benzene	0.11		mg/kg	0.036	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.072	0.018	1
Toluene	0.094		mg/kg	0.072	0.039	1
1,2-Dibromoethane	ND		mg/kg	0.036	0.021	1
Ethylbenzene	0.13		mg/kg	0.072	0.010	1
p/m-Xylene	0.33		mg/kg	0.14	0.040	1
o-Xylene	0.044	J	mg/kg	0.072	0.021	1
Xylenes, Total	0.37	J	mg/kg	0.072	0.021	1
Isopropylbenzene	23.	E	mg/kg	0.072	0.0079	1
1,3,5-Trimethylbenzene	0.019	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.16		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	272	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-113 D
 Client ID: 401-MA3-1-22-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/25 00:05
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Isopropylbenzene	25.		mg/kg	0.72	0.079	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	168	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-115
 Client ID: 401-MA3-1-22-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/25 11:29
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00023	1
Benzene	0.00035	J	mg/kg	0.00057	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00062	1
1,2-Dibromoethane	ND		mg/kg	0.00057	0.00033	1
Ethylbenzene	0.00024	J	mg/kg	0.0011	0.00016	1
p/m-Xylene	0.0021	J	mg/kg	0.0023	0.00064	1
o-Xylene	0.0013		mg/kg	0.0011	0.00033	1
Xylenes, Total	0.0034	J	mg/kg	0.0011	0.00033	1
Isopropylbenzene	0.21		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0023	0.00038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	127		70-130
4-Bromofluorobenzene	497	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-117
 Client ID: 401-MA3-1-22-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/31/25 00:49
 Analyst: JIC
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.0014		mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00027	1
Toluene	0.00073	J	mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00030	1
Ethylbenzene	0.00059	J	mg/kg	0.0010	0.00014	1
p/m-Xylene	0.00099	J	mg/kg	0.0021	0.00058	1
o-Xylene	0.0013		mg/kg	0.0010	0.00030	1
Xylenes, Total	0.0023	J	mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.064		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	168	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-119
 Client ID: 401-MA3-1-22-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 01/30/25 15:29
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.030	J	mg/kg	0.032	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	ND		mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.020	J	mg/kg	0.064	0.0090	1
p/m-Xylene	ND		mg/kg	0.13	0.036	1
o-Xylene	ND		mg/kg	0.064	0.018	1
Xylenes, Total	ND		mg/kg	0.064	0.018	1
Isopropylbenzene	2.2		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	139	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/25 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,19,21,23 Batch: WG2023269-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/24/25 12:14
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03,07,09,11,13,17,27,39,41,43 Batch: WG2023969-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/27/25 20:20
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,29,31 Batch: WG2024337-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/27/25 20:20
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17 Batch: WG2024339-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/27/25 22:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 79,81 Batch: WG2024343-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/27/25 22:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 51,61,63,65,67 Batch: WG2024344-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/28/25 22:59
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 13,29,87 Batch: WG2024842-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/28/25 22:59
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 31,35,37,39,51,61,63,65,67,73,75,83,85,87 Batch: WG2024843-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/28/25 20:10
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 69,71,77 Batch: WG2024969-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/28/25 20:10
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 47,55,57,59 Batch: WG2025205-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/29/25 10:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 33,49,59,83,97,107 Batch: WG2025234-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
Toluene	ND		mg/kg	0.0010	0.00054
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/29/25 10:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 45,53,89,91,95,101,105 Batch: WG2025237-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/25 17:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 109,117 Batch: WG2025645-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/25 17:44
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 113 Batch: WG2025646-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/25 10:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 25,89,91,93,95,99 Batch: WG2025659-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/30/25 10:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 45,103,111,113,119 Batch: WG2025660-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/25 07:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25 Batch: WG2025712-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 01/31/25 07:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 15,115 Batch: WG2025713-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,19,21,23 Batch: WG2023269-3 WG2023269-4								
Methyl tert butyl ether	83		89		66-130	7		30
Benzene	81		89		70-130	9		30
1,2-Dichloroethane	82		87		70-130	6		30
Toluene	82		89		70-130	8		30
1,2-Dibromoethane	94		99		70-130	5		30
Ethylbenzene	84		92		70-130	9		30
p/m-Xylene	88		96		70-130	9		30
o-Xylene	88		95		70-130	8		30
Isopropylbenzene	87		94		70-130	8		30
1,3,5-Trimethylbenzene	86		93		70-130	8		30
1,2,4-Trimethylbenzene	89		94		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		85		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03,07,09,11,13,17,27,39,41,43 Batch: WG2023969-3 WG2023969-4								
Methyl tert butyl ether	105		105		66-130	0		30
Benzene	105		95		70-130	10		30
1,2-Dichloroethane	100		97		70-130	3		30
Toluene	99		89		70-130	11		30
1,2-Dibromoethane	107		108		70-130	1		30
Ethylbenzene	99		90		70-130	10		30
p/m-Xylene	100		92		70-130	8		30
o-Xylene	103		94		70-130	9		30
Isopropylbenzene	97		85		70-130	13		30
1,3,5-Trimethylbenzene	99		88		70-130	12		30
1,2,4-Trimethylbenzene	100		91		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	92		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,29,31 Batch: WG2024337-3 WG2024337-4								
Methyl tert butyl ether	105		101		66-130	4		30
Benzene	105		94		70-130	11		30
1,2-Dichloroethane	101		96		70-130	5		30
Toluene	99		88		70-130	12		30
1,2-Dibromoethane	106		103		70-130	3		30
Ethylbenzene	100		90		70-130	11		30
p/m-Xylene	103		92		70-130	11		30
o-Xylene	103		94		70-130	9		30
Isopropylbenzene	100		86		70-130	15		30
1,3,5-Trimethylbenzene	103		90		70-130	13		30
1,2,4-Trimethylbenzene	104		92		70-130	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	94		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17 Batch: WG2024339-3 WG2024339-4								
Methyl tert butyl ether	105		101		66-130	4		30
Benzene	105		94		70-130	11		30
1,2-Dichloroethane	101		96		70-130	5		30
Toluene	99		88		70-130	12		30
1,2-Dibromoethane	106		103		70-130	3		30
Ethylbenzene	100		90		70-130	11		30
p/m-Xylene	103		92		70-130	11		30
o-Xylene	103		94		70-130	9		30
Isopropylbenzene	100		86		70-130	15		30
1,3,5-Trimethylbenzene	103		90		70-130	13		30
1,2,4-Trimethylbenzene	104		92		70-130	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	94		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 79,81 Batch: WG2024343-3 WG2024343-4								
Methyl tert butyl ether	110		104		66-130	6		30
Benzene	91		87		70-130	4		30
1,2-Dichloroethane	102		98		70-130	4		30
Toluene	87		82		70-130	6		30
1,2-Dibromoethane	98		93		70-130	5		30
Ethylbenzene	87		83		70-130	5		30
p/m-Xylene	94		90		70-130	4		30
o-Xylene	92		88		70-130	4		30
Isopropylbenzene	94		91		70-130	3		30
1,3,5-Trimethylbenzene	92		89		70-130	3		30
1,2,4-Trimethylbenzene	93		89		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		98		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 51,61,63,65,67 Batch: WG2024344-3 WG2024344-4								
Methyl tert butyl ether	110		104		66-130	6		30
Benzene	91		87		70-130	4		30
1,2-Dichloroethane	102		98		70-130	4		30
Toluene	87		82		70-130	6		30
1,2-Dibromoethane	98		93		70-130	5		30
Ethylbenzene	87		83		70-130	5		30
p/m-Xylene	94		90		70-130	4		30
o-Xylene	92		88		70-130	4		30
Isopropylbenzene	94		91		70-130	3		30
1,3,5-Trimethylbenzene	92		89		70-130	3		30
1,2,4-Trimethylbenzene	93		89		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		98		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13,29,87 Batch: WG2024842-3 WG2024842-4								
Methyl tert butyl ether	108		109		66-130	1		30
Benzene	118		116		70-130	2		30
1,2-Dichloroethane	117		117		70-130	0		30
Toluene	118		114		70-130	3		30
1,2-Dibromoethane	105		104		70-130	1		30
Ethylbenzene	111		108		70-130	3		30
p/m-Xylene	119		115		70-130	3		30
o-Xylene	116		112		70-130	4		30
Isopropylbenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	106		104		70-130	2		30
1,2,4-Trimethylbenzene	111		108		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 31,35,37,39,51,61,63,65,67,73,75,83,85,87 Batch: WG2024843-3 WG2024843-4								
Methyl tert butyl ether	108		109		66-130	1		30
Benzene	118		116		70-130	2		30
1,2-Dichloroethane	117		117		70-130	0		30
Toluene	118		114		70-130	3		30
1,2-Dibromoethane	105		104		70-130	1		30
Ethylbenzene	111		108		70-130	3		30
p/m-Xylene	119		115		70-130	3		30
o-Xylene	116		112		70-130	4		30
Isopropylbenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	106		104		70-130	2		30
1,2,4-Trimethylbenzene	111		108		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 69,71,77 Batch: WG2024969-3 WG2024969-4								
Methyl tert butyl ether	98		105		66-130	7		30
Benzene	100		98		70-130	2		30
1,2-Dichloroethane	96		97		70-130	1		30
Toluene	97		93		70-130	4		30
1,2-Dibromoethane	101		106		70-130	5		30
Ethylbenzene	98		95		70-130	3		30
p/m-Xylene	99		97		70-130	2		30
o-Xylene	101		99		70-130	2		30
Isopropylbenzene	100		95		70-130	5		30
1,3,5-Trimethylbenzene	102		97		70-130	5		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		98		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	93		96		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 47,55,57,59 Batch: WG2025205-3 WG2025205-4								
Methyl tert butyl ether	98		105		66-130	7		30
Benzene	100		98		70-130	2		30
1,2-Dichloroethane	96		97		70-130	1		30
Toluene	97		93		70-130	4		30
1,2-Dibromoethane	101		106		70-130	5		30
Ethylbenzene	98		95		70-130	3		30
p/m-Xylene	99		97		70-130	2		30
o-Xylene	101		99		70-130	2		30
Isopropylbenzene	100		95		70-130	5		30
1,3,5-Trimethylbenzene	102		97		70-130	5		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		98		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	93		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 33,49,59,83,97,107 Batch: WG2025234-3 WG2025234-4								
Methyl tert butyl ether	84		84		66-130	0		30
Benzene	83		86		70-130	4		30
1,2-Dichloroethane	78		82		70-130	5		30
Toluene	83		84		70-130	1		30
1,2-Dibromoethane	90		94		70-130	4		30
Ethylbenzene	85		88		70-130	3		30
p/m-Xylene	87		92		70-130	6		30
o-Xylene	87		91		70-130	4		30
Isopropylbenzene	88		89		70-130	1		30
1,3,5-Trimethylbenzene	86		88		70-130	2		30
1,2,4-Trimethylbenzene	87		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	92		90		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 45,53,89,91,95,101,105 Batch: WG2025237-3 WG2025237-4								
Methyl tert butyl ether	84		84		66-130	0		30
Benzene	83		86		70-130	4		30
1,2-Dichloroethane	78		82		70-130	5		30
Toluene	83		84		70-130	1		30
1,2-Dibromoethane	90		94		70-130	4		30
Ethylbenzene	85		88		70-130	3		30
p/m-Xylene	87		92		70-130	6		30
o-Xylene	87		91		70-130	4		30
Isopropylbenzene	88		89		70-130	1		30
1,3,5-Trimethylbenzene	86		88		70-130	2		30
1,2,4-Trimethylbenzene	87		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	92		90		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 109,117 Batch: WG2025645-3 WG2025645-4								
Methyl tert butyl ether	96		100		66-130	4		30
Benzene	104		100		70-130	4		30
1,2-Dichloroethane	97		99		70-130	2		30
Toluene	99		92		70-130	7		30
1,2-Dibromoethane	100		101		70-130	1		30
Ethylbenzene	100		95		70-130	5		30
p/m-Xylene	102		97		70-130	5		30
o-Xylene	102		98		70-130	4		30
Isopropylbenzene	101		93		70-130	8		30
1,3,5-Trimethylbenzene	103		94		70-130	9		30
1,2,4-Trimethylbenzene	104		97		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	98		95		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	94		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 113 Batch: WG2025646-3 WG2025646-4								
Methyl tert butyl ether	96		100		66-130	4		30
Benzene	104		100		70-130	4		30
1,2-Dichloroethane	97		99		70-130	2		30
Toluene	99		92		70-130	7		30
1,2-Dibromoethane	100		101		70-130	1		30
Ethylbenzene	100		95		70-130	5		30
p/m-Xylene	102		97		70-130	5		30
o-Xylene	102		98		70-130	4		30
Isopropylbenzene	101		93		70-130	8		30
1,3,5-Trimethylbenzene	103		94		70-130	9		30
1,2,4-Trimethylbenzene	104		97		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		100		70-130
Toluene-d8	98		95		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	94		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 25,89,91,93,95,99 Batch: WG2025659-3 WG2025659-4								
Methyl tert butyl ether	86		83		66-130	4		30
Benzene	85		85		70-130	0		30
1,2-Dichloroethane	81		83		70-130	2		30
Toluene	84		84		70-130	0		30
1,2-Dibromoethane	90		92		70-130	2		30
Ethylbenzene	87		86		70-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	88		90		70-130	2		30
Isopropylbenzene	91		90		70-130	1		30
1,3,5-Trimethylbenzene	89		89		70-130	0		30
1,2,4-Trimethylbenzene	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		83		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 45,103,111,113,119 Batch: WG2025660-3 WG2025660-4								
Methyl tert butyl ether	86		83		66-130	4		30
Benzene	85		85		70-130	0		30
1,2-Dichloroethane	81		83		70-130	2		30
Toluene	84		84		70-130	0		30
1,2-Dibromoethane	90		92		70-130	2		30
Ethylbenzene	87		86		70-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	88		90		70-130	2		30
Isopropylbenzene	91		90		70-130	1		30
1,3,5-Trimethylbenzene	89		89		70-130	0		30
1,2,4-Trimethylbenzene	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		83		70-130
Toluene-d8	91		90		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25 Batch: WG2025712-3 WG2025712-4								
Methyl tert butyl ether	85		83		66-130	2		30
Benzene	81		78		70-130	4		30
1,2-Dichloroethane	80		80		70-130	0		30
Toluene	79		76		70-130	4		30
1,2-Dibromoethane	88		90		70-130	2		30
Ethylbenzene	82		79		70-130	4		30
p/m-Xylene	85		83		70-130	2		30
o-Xylene	84		83		70-130	1		30
Isopropylbenzene	85		82		70-130	4		30
1,3,5-Trimethylbenzene	84		81		70-130	4		30
1,2,4-Trimethylbenzene	85		82		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		86		70-130
Toluene-d8	91		90		70-130
4-Bromofluorobenzene	92		90		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 15,115 Batch: WG2025713-3 WG2025713-4								
Methyl tert butyl ether	85		83		66-130	2		30
Benzene	81		78		70-130	4		30
1,2-Dichloroethane	80		80		70-130	0		30
Toluene	79		76		70-130	4		30
1,2-Dibromoethane	88		90		70-130	2		30
Ethylbenzene	82		79		70-130	4		30
p/m-Xylene	85		83		70-130	2		30
o-Xylene	84		83		70-130	1		30
Isopropylbenzene	85		82		70-130	4		30
1,3,5-Trimethylbenzene	84		81		70-130	4		30
1,2,4-Trimethylbenzene	85		82		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		86		70-130
Toluene-d8	91		90		70-130
4-Bromofluorobenzene	92		90		70-130
Dibromofluoromethane	95		94		70-130

SEMIVOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-02
 Client ID: 401-MA3-1-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:05
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 04:55
 Analyst: CMM
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.073		mg/kg	0.040	0.024	1
Fluorene	0.047	J	mg/kg	0.20	0.019	1
Phenanthrene	0.28		mg/kg	0.12	0.024	1
Anthracene	0.060	J	mg/kg	0.12	0.039	1
Pyrene	0.40		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.24		mg/kg	0.12	0.022	1
Chrysene	0.24		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.27		mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.22		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	98		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-04
 Client ID: 401-MA3-1-07-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:15
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 13:38
 Analyst: EJL
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.038	0.023	1
Fluorene	0.067	J	mg/kg	0.19	0.018	1
Phenanthrene	0.14		mg/kg	0.11	0.023	1
Anthracene	0.053	J	mg/kg	0.11	0.037	1
Pyrene	0.13		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.079	J	mg/kg	0.11	0.021	1
Chrysene	0.082	J	mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.090	J	mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.071	J	mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.055	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	123	Q	23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-06
 Client ID: 401-MA3-1-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 10:15
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 14:03
 Analyst: EJJ
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.19		mg/kg	0.041	0.025	1
Fluorene	0.076	J	mg/kg	0.20	0.020	1
Phenanthrene	0.53		mg/kg	0.12	0.025	1
Anthracene	0.24		mg/kg	0.12	0.040	1
Pyrene	0.68		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.43		mg/kg	0.12	0.023	1
Chrysene	0.59		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.69		mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.39		mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.37		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	64		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-08
 Client ID: 401-MA3-1-23-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:30
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 14:27
 Analyst: EJL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.57		mg/kg	0.035	0.022	1
Fluorene	0.19		mg/kg	0.18	0.017	1
Phenanthrene	0.32		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.034	1
Pyrene	0.052	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.021	J	mg/kg	0.11	0.020	1
Chrysene	0.024	J	mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	128	Q	23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-10
 Client ID: 401-MA3-1-23-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:40
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 14:51
 Analyst: EJL
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.18		mg/kg	0.036	0.022	1
Fluorene	0.10	J	mg/kg	0.18	0.018	1
Phenanthrene	0.17		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.020	1
Chrysene	ND		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-12
 Client ID: 401-MA3-1-23-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:50
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 15:15
 Analyst: EJL
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.038	0.023	1
Fluorene	0.055	J	mg/kg	0.19	0.019	1
Phenanthrene	0.094	J	mg/kg	0.12	0.023	1
Anthracene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.019	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	ND		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-14
 Client ID: 401-MA3-1-23-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:00
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 15:39
 Analyst: EJL
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.036	0.022	1
Fluorene	0.021	J	mg/kg	0.18	0.018	1
Phenanthrene	0.026	J	mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.020	1
Chrysene	ND		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	85		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-16
 Client ID: 401-MA3-1-23-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:10
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 16:03
 Analyst: EJL
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.035	0.021	1
Fluorene	0.055	J	mg/kg	0.18	0.017	1
Phenanthrene	0.040	J	mg/kg	0.10	0.021	1
Anthracene	ND		mg/kg	0.10	0.034	1
Pyrene	0.027	J	mg/kg	0.10	0.017	1
Benzo(a)anthracene	ND		mg/kg	0.10	0.020	1
Chrysene	ND		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	81		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-18
 Client ID: 401-MA3-1-19-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 09:28
 Analyst: CMM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.6		mg/kg	0.038	0.023	1
Fluorene	2.4		mg/kg	0.19	0.018	1
Phenanthrene	12.	E	mg/kg	0.11	0.023	1
Anthracene	4.1		mg/kg	0.11	0.037	1
Pyrene	9.6	E	mg/kg	0.11	0.019	1
Benzo(a)anthracene	6.4		mg/kg	0.11	0.021	1
Chrysene	5.4		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	7.7	E	mg/kg	0.11	0.032	1
Benzo(a)pyrene	6.5		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	4.7		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	125	Q	23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-18 D
 Client ID: 401-MA3-1-19-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/26/25 19:53
 Analyst: RMP
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	12.		mg/kg	0.57	0.12	5
Pyrene	9.0		mg/kg	0.57	0.094	5
Benzo(b)fluoranthene	7.3		mg/kg	0.57	0.16	5

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-20
 Client ID: 401-MA3-1-70-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 14:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/22/25 16:51
 Analyst: EJL
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11		mg/kg	0.037	0.023	1
Fluorene	0.061	J	mg/kg	0.19	0.018	1
Phenanthrene	0.42		mg/kg	0.11	0.023	1
Anthracene	0.13		mg/kg	0.11	0.036	1
Pyrene	0.39		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.27		mg/kg	0.11	0.021	1
Chrysene	0.26		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.30		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.28		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.25		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	76		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-22
 Client ID: 401-MA3-1-61-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 10:50
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/23/25 09:02
 Analyst: IMK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/22/25 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.14		mg/kg	0.036	0.022	1
Fluorene	0.043	J	mg/kg	0.18	0.017	1
Phenanthrene	0.22		mg/kg	0.11	0.022	1
Anthracene	0.075	J	mg/kg	0.11	0.035	1
Pyrene	0.19		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.18		mg/kg	0.11	0.020	1
Chrysene	0.23		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.28		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.33		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.40		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-24
 Client ID: 401-MA3-1-69-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 12:00
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/23/25 09:26
 Analyst: IMK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/22/25 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.50		mg/kg	0.037	0.022	1
Fluorene	0.17	J	mg/kg	0.18	0.018	1
Phenanthrene	0.56		mg/kg	0.11	0.022	1
Anthracene	0.16		mg/kg	0.11	0.036	1
Pyrene	0.49		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.74		mg/kg	0.11	0.021	1
Chrysene	0.93		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.80		mg/kg	0.11	0.031	1
Benzo(a)pyrene	1.4		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	1.4		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	57		30-120
4-Terphenyl-d14	44		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-26
 Client ID: 401-MA3-1-27-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:30
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/23/25 10:36
 Analyst: IMK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/22/25 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.22		mg/kg	0.036	0.022	1
Fluorene	0.65		mg/kg	0.18	0.018	1
Phenanthrene	1.6		mg/kg	0.11	0.022	1
Anthracene	0.29		mg/kg	0.11	0.035	1
Pyrene	0.29		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.023	J	mg/kg	0.11	0.020	1
Chrysene	0.030	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.035	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-28 D
 Client ID: 401-MA3-1-26-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 14:05
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/25/25 16:06
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/22/25 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.6		mg/kg	0.19	0.12	5
Fluorene	1.4		mg/kg	0.97	0.094	5
Phenanthrene	3.6		mg/kg	0.58	0.12	5
Anthracene	0.54	J	mg/kg	0.58	0.19	5
Pyrene	1.5		mg/kg	0.58	0.097	5
Benzo(a)anthracene	0.31	J	mg/kg	0.58	0.11	5
Chrysene	0.47	J	mg/kg	0.58	0.10	5
Benzo(b)fluoranthene	0.16	J	mg/kg	0.58	0.16	5
Benzo(a)pyrene	ND		mg/kg	0.78	0.24	5
Benzo(ghi)perylene	0.17	J	mg/kg	0.78	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	148	Q	23-120
2-Fluorobiphenyl	52		30-120
4-Terphenyl-d14	57		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-30 D
 Client ID: 401-MA3-1-25-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:15
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 11:56
 Analyst: RMP
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.11	5
Fluorene	2.0		mg/kg	0.93	0.091	5
Phenanthrene	4.8		mg/kg	0.56	0.11	5
Anthracene	0.96		mg/kg	0.56	0.18	5
Pyrene	1.5		mg/kg	0.56	0.093	5
Benzo(a)anthracene	0.76		mg/kg	0.56	0.10	5
Chrysene	0.77		mg/kg	0.56	0.097	5
Benzo(b)fluoranthene	0.94		mg/kg	0.56	0.16	5
Benzo(a)pyrene	0.78		mg/kg	0.75	0.23	5
Benzo(ghi)perylene	0.45	J	mg/kg	0.75	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	69		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-32
 Client ID: 401-MA3-1-25-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:25
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 12:18
 Analyst: RMP
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.023	1
Fluorene	6.4		mg/kg	0.18	0.018	1
Phenanthrene	13.	E	mg/kg	0.11	0.022	1
Anthracene	3.4		mg/kg	0.11	0.036	1
Pyrene	2.1		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.47		mg/kg	0.11	0.021	1
Chrysene	0.44		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.45		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.38		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.23		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	107		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-32 D
 Client ID: 401-MA3-1-25-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:25
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/26/25 20:16
 Analyst: RMP
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	19.		mg/kg	0.56	0.11	5

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-34
 Client ID: 401-MA3-1-25-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:35
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 12:40
 Analyst: CMM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.9		mg/kg	0.038	0.023	1
Fluorene	3.6		mg/kg	0.19	0.018	1
Phenanthrene	7.4		mg/kg	0.11	0.023	1
Anthracene	1.1		mg/kg	0.11	0.037	1
Pyrene	0.79		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.10	J	mg/kg	0.11	0.021	1
Chrysene	0.15		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.065	J	mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.071	J	mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	80		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-36
 Client ID: 401-MA3-1-25-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:45
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 13:03
 Analyst: RMP
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.023	1
Fluorene	1.4		mg/kg	0.19	0.018	1
Phenanthrene	2.7		mg/kg	0.11	0.023	1
Anthracene	0.40		mg/kg	0.11	0.036	1
Pyrene	0.20		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.038	J	mg/kg	0.11	0.021	1
Chrysene	0.058	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	81		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-38
 Client ID: 401-MA3-1-25-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:55
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 13:25
 Analyst: RMP
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.038	0.023	1
Fluorene	1.0		mg/kg	0.19	0.018	1
Phenanthrene	2.2		mg/kg	0.11	0.023	1
Anthracene	0.37		mg/kg	0.11	0.037	1
Pyrene	0.26		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.065	J	mg/kg	0.11	0.021	1
Chrysene	0.080	J	mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.040	J	mg/kg	0.11	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.024	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	125	Q	23-120
2-Fluorobiphenyl	98		30-120
4-Terphenyl-d14	100		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-40
 Client ID: 401-MA3-1-17-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:45
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 13:48
 Analyst: RMP
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.81		mg/kg	0.038	0.023	1
Fluorene	0.11	J	mg/kg	0.19	0.019	1
Phenanthrene	0.25		mg/kg	0.12	0.023	1
Anthracene	0.053	J	mg/kg	0.12	0.037	1
Pyrene	0.054	J	mg/kg	0.12	0.019	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	ND		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	123	Q	23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-42
 Client ID: 401-MA3-1-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:50
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 14:10
 Analyst: RMP
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	0.19	J	mg/kg	0.20	0.019	1
Phenanthrene	0.33		mg/kg	0.12	0.024	1
Anthracene	0.11	J	mg/kg	0.12	0.039	1
Pyrene	0.23		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.092	J	mg/kg	0.12	0.022	1
Chrysene	0.084	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.086	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.070	J	mg/kg	0.16	0.049	1
Benzo(ghi)perylene	0.047	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	101		30-120
4-Terphenyl-d14	104		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-44
 Client ID: 401-MA3-1-16-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 16:00
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/24/25 14:32
 Analyst: RMP
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.022	1
Fluorene	0.35		mg/kg	0.18	0.018	1
Phenanthrene	0.69		mg/kg	0.11	0.022	1
Anthracene	0.14		mg/kg	0.11	0.036	1
Pyrene	0.13		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.052	J	mg/kg	0.11	0.021	1
Chrysene	0.065	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.049	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.037	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	81		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-46 D
 Client ID: 401-MA3-1-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 19:16
 Analyst: MRG
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	9.0		mg/kg	0.44	0.27	10
Fluorene	18.		mg/kg	2.2	0.21	10
Phenanthrene	50.		mg/kg	1.3	0.27	10
Anthracene	18.		mg/kg	1.3	0.43	10
Pyrene	70.		mg/kg	1.3	0.22	10
Benzo(a)anthracene	41.		mg/kg	1.3	0.25	10
Chrysene	32.		mg/kg	1.3	0.23	10
Benzo(b)fluoranthene	57.		mg/kg	1.3	0.37	10
Benzo(a)pyrene	40.		mg/kg	1.8	0.54	10
Benzo(ghi)perylene	22.		mg/kg	1.8	0.26	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	56		30-120
4-Terphenyl-d14	64		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-48
 Client ID: 401-MA3-1-11-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 16:31
 Analyst: ALS
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.61		mg/kg	0.044	0.027	1
Fluorene	0.33		mg/kg	0.22	0.021	1
Phenanthrene	0.57		mg/kg	0.13	0.027	1
Anthracene	0.16		mg/kg	0.13	0.043	1
Pyrene	0.23		mg/kg	0.13	0.022	1
Benzo(a)anthracene	0.075	J	mg/kg	0.13	0.025	1
Chrysene	0.079	J	mg/kg	0.13	0.023	1
Benzo(b)fluoranthene	0.068	J	mg/kg	0.13	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.18	0.054	1
Benzo(ghi)perylene	0.068	J	mg/kg	0.18	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	87		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-50 D
 Client ID: 401-MA3-1-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 10:19
 Analyst: IMK
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.35	0.21	10
Fluorene	ND		mg/kg	1.8	0.17	10
Phenanthrene	ND		mg/kg	1.0	0.21	10
Anthracene	ND		mg/kg	1.0	0.34	10
Pyrene	ND		mg/kg	1.0	0.17	10
Benzo(a)anthracene	ND		mg/kg	1.0	0.20	10
Chrysene	ND		mg/kg	1.0	0.18	10
Benzo(b)fluoranthene	ND		mg/kg	1.0	0.30	10
Benzo(a)pyrene	ND		mg/kg	1.4	0.43	10
Benzo(ghi)perylene	ND		mg/kg	1.4	0.21	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	48		30-120
4-Terphenyl-d14	50		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-52
 Client ID: 401-MA3-1-10-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:07
 Analyst: ALS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	7.4	E	mg/kg	0.036	0.022	1
Fluorene	0.26		mg/kg	0.18	0.018	1
Phenanthrene	0.69		mg/kg	0.11	0.022	1
Anthracene	0.071	J	mg/kg	0.11	0.036	1
Pyrene	0.12		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.069	J	mg/kg	0.11	0.020	1
Chrysene	0.085	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.093	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.064	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.087	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	137	Q	23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-52 D
 Client ID: 401-MA3-1-10-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 20:04
 Analyst: RMP
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	7.8		mg/kg	0.18	0.11	5

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-54
 Client ID: 401-MA3-1-10-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:20
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:25
 Analyst: ALS
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.7		mg/kg	0.036	0.022	1
Fluorene	0.15	J	mg/kg	0.18	0.017	1
Phenanthrene	0.35		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.051	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.041	J	mg/kg	0.11	0.020	1
Chrysene	0.059	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.047	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.056	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-56
 Client ID: 401-MA3-1-10-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:30
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:43
 Analyst: ALS
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.72		mg/kg	0.037	0.023	1
Fluorene	0.080	J	mg/kg	0.18	0.018	1
Phenanthrene	0.18		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.032	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.022	J	mg/kg	0.11	0.021	1
Chrysene	0.025	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.031	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.023	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	67		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-58
 Client ID: 401-MA3-1-10-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:40
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 18:01
 Analyst: ALS
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.19		mg/kg	0.040	0.024	1
Fluorene	0.32		mg/kg	0.20	0.019	1
Phenanthrene	0.73		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.035	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.026	J	mg/kg	0.12	0.022	1
Chrysene	0.042	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	140	Q	23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	77		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-60
 Client ID: 401-MA3-1-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:50
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 18:19
 Analyst: ALS
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12		mg/kg	0.036	0.022	1
Fluorene	ND		mg/kg	0.18	0.017	1
Phenanthrene	0.15		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.29		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.23		mg/kg	0.11	0.020	1
Chrysene	0.30		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.43		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.30		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.31		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	60		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-62 D
 Client ID: 401-MA3-1-09-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 20:28
 Analyst: RMP
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.0		mg/kg	0.19	0.11	5
Fluorene	0.27	J	mg/kg	0.94	0.091	5
Phenanthrene	0.60		mg/kg	0.56	0.11	5
Anthracene	ND		mg/kg	0.56	0.18	5
Pyrene	0.54	J	mg/kg	0.56	0.093	5
Benzo(a)anthracene	0.33	J	mg/kg	0.56	0.10	5
Chrysene	0.40	J	mg/kg	0.56	0.098	5
Benzo(b)fluoranthene	0.50	J	mg/kg	0.56	0.16	5
Benzo(a)pyrene	0.36	J	mg/kg	0.75	0.23	5
Benzo(ghi)perylene	0.46	J	mg/kg	0.75	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	136	Q	23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-64
 Client ID: 401-MA3-1-09-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 05:40
 Analyst: RMP
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	11.	E	mg/kg	0.038	0.023	1
Fluorene	0.89		mg/kg	0.19	0.019	1
Phenanthrene	1.0		mg/kg	0.12	0.023	1
Anthracene	0.13		mg/kg	0.12	0.037	1
Pyrene	0.23		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.15		mg/kg	0.12	0.022	1
Chrysene	0.21		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.22		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.18		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.25		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	350	Q	23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-64 D
 Client ID: 401-MA3-1-09-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 10:03
 Analyst: SLR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	14.		mg/kg	0.19	0.12	5

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-66 D
 Client ID: 401-MA3-1-09-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:20
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 09:29
 Analyst: SLR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	33.		mg/kg	0.40	0.24	10
Fluorene	0.87	J	mg/kg	2.0	0.20	10
Phenanthrene	1.2		mg/kg	1.2	0.24	10
Anthracene	ND		mg/kg	1.2	0.39	10
Pyrene	0.38	J	mg/kg	1.2	0.20	10
Benzo(a)anthracene	0.32	J	mg/kg	1.2	0.23	10
Chrysene	0.36	J	mg/kg	1.2	0.21	10
Benzo(b)fluoranthene	0.35	J	mg/kg	1.2	0.34	10
Benzo(a)pyrene	ND		mg/kg	1.6	0.49	10
Benzo(ghi)perylene	0.48	J	mg/kg	1.6	0.24	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	165	Q	23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-68 D
 Client ID: 401-MA3-1-09-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:30
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 06:16
 Analyst: SLR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	30.		mg/kg	0.74	0.45	20
Fluorene	1.5	J	mg/kg	3.7	0.36	20
Phenanthrene	2.4		mg/kg	2.2	0.45	20
Anthracene	ND		mg/kg	2.2	0.73	20
Pyrene	ND		mg/kg	2.2	0.37	20
Benzo(a)anthracene	ND		mg/kg	2.2	0.42	20
Chrysene	ND		mg/kg	2.2	0.39	20
Benzo(b)fluoranthene	ND		mg/kg	2.2	0.63	20
Benzo(a)pyrene	ND		mg/kg	3.0	0.91	20
Benzo(ghi)perylene	ND		mg/kg	3.0	0.44	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-70
 Client ID: 401-MA3-1-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 19:49
 Analyst: ALS
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.084		mg/kg	0.035	0.022	1
Fluorene	0.46		mg/kg	0.18	0.017	1
Phenanthrene	1.7		mg/kg	0.11	0.022	1
Anthracene	0.34		mg/kg	0.11	0.034	1
Pyrene	0.67		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.19		mg/kg	0.11	0.020	1
Chrysene	0.25		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.14		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.10	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-72
 Client ID: 401-MA3-1-12-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 20:08
 Analyst: ALS
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.036	0.022	1
Fluorene	0.14	J	mg/kg	0.18	0.017	1
Phenanthrene	0.50		mg/kg	0.11	0.022	1
Anthracene	0.10	J	mg/kg	0.11	0.035	1
Pyrene	0.20		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.070	J	mg/kg	0.11	0.020	1
Chrysene	0.087	J	mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.052	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.062	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.063	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	76		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-74
 Client ID: 401-MA3-1-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:35
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 20:26
 Analyst: ALS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.060		mg/kg	0.038	0.023	1
Fluorene	0.98		mg/kg	0.19	0.018	1
Phenanthrene	1.6		mg/kg	0.11	0.023	1
Anthracene	0.083	J	mg/kg	0.11	0.037	1
Pyrene	0.18		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.14		mg/kg	0.11	0.021	1
Chrysene	0.19		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.18		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.17		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-76
 Client ID: 401-MA3-1-13-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 20:44
 Analyst: ALS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.29		mg/kg	0.038	0.023	1
Fluorene	1.9		mg/kg	0.19	0.018	1
Phenanthrene	3.8		mg/kg	0.11	0.023	1
Anthracene	0.28		mg/kg	0.11	0.037	1
Pyrene	0.80		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.64		mg/kg	0.11	0.021	1
Chrysene	0.68		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.62		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.56		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.32		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	80		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-78
 Client ID: 401-MA3-1-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 11:43
 Analyst: SLR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.098		mg/kg	0.038	0.023	1
Fluorene	0.052	J	mg/kg	0.19	0.018	1
Phenanthrene	0.30		mg/kg	0.11	0.023	1
Anthracene	0.090	J	mg/kg	0.11	0.037	1
Pyrene	0.42		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.27		mg/kg	0.11	0.021	1
Chrysene	0.28		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.34		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.25		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.26		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-80
 Client ID: 401-MA3-1-14-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 15:08
 Analyst: SMZ
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.40		mg/kg	0.038	0.023	1
Fluorene	0.050	J	mg/kg	0.19	0.018	1
Phenanthrene	0.71		mg/kg	0.11	0.023	1
Anthracene	0.31		mg/kg	0.11	0.037	1
Pyrene	1.1		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.93		mg/kg	0.11	0.021	1
Chrysene	0.94		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	1.5		mg/kg	0.11	0.032	1
Benzo(a)pyrene	1.2		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	1.0		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-82
 Client ID: 401-MA3-1-44-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:40
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 15:32
 Analyst: SMZ
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.10		mg/kg	0.036	0.022	1
Fluorene	0.042	J	mg/kg	0.18	0.017	1
Phenanthrene	0.44		mg/kg	0.11	0.022	1
Anthracene	0.050	J	mg/kg	0.11	0.035	1
Pyrene	0.55		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.33		mg/kg	0.11	0.020	1
Chrysene	0.44		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.61		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.44		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.35		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	90		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-84
 Client ID: 401-MA3-1-44-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 15:56
 Analyst: SMZ
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.94		mg/kg	0.035	0.022	1
Fluorene	0.078	J	mg/kg	0.18	0.017	1
Phenanthrene	0.21		mg/kg	0.11	0.022	1
Anthracene	0.039	J	mg/kg	0.11	0.034	1
Pyrene	0.17		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.11		mg/kg	0.11	0.020	1
Chrysene	0.16		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.22		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.15		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.18		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-86
 Client ID: 401-MA3-1-44-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 16:20
 Analyst: SMZ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.8		mg/kg	0.036	0.022	1
Fluorene	0.083	J	mg/kg	0.18	0.018	1
Phenanthrene	0.16		mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.11		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.062	J	mg/kg	0.11	0.020	1
Chrysene	0.089	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.085	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.069	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.084	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	101		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-88
 Client ID: 401-MA3-1-44-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 16:44
 Analyst: SMZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.8		mg/kg	0.036	0.022	1
Fluorene	0.12	J	mg/kg	0.18	0.018	1
Phenanthrene	0.23		mg/kg	0.11	0.022	1
Anthracene	0.063	J	mg/kg	0.11	0.035	1
Pyrene	0.18		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.12		mg/kg	0.11	0.020	1
Chrysene	0.16		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.14		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	122	Q	23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	109		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-90
 Client ID: 401-MA3-1-44-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:08
 Analyst: SMZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.68		mg/kg	0.037	0.022	1
Fluorene	0.060	J	mg/kg	0.18	0.018	1
Phenanthrene	0.20		mg/kg	0.11	0.022	1
Anthracene	0.048	J	mg/kg	0.11	0.036	1
Pyrene	0.11		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.041	J	mg/kg	0.11	0.021	1
Chrysene	0.057	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.062	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.045	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.052	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	121	Q	23-120
2-Fluorobiphenyl	102		30-120
4-Terphenyl-d14	114		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-92
 Client ID: 401-MA3-1-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:32
 Analyst: SMZ
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.35		mg/kg	0.038	0.023	1
Fluorene	0.20		mg/kg	0.19	0.018	1
Phenanthrene	1.2		mg/kg	0.11	0.023	1
Anthracene	0.30		mg/kg	0.11	0.037	1
Pyrene	1.6		mg/kg	0.11	0.019	1
Benzo(a)anthracene	1.1		mg/kg	0.11	0.021	1
Chrysene	1.1		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	1.2		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.94		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.55		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	108		30-120
4-Terphenyl-d14	115		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-94
 Client ID: 401-MA3-1-18-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 17:56
 Analyst: SMZ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.4		mg/kg	0.036	0.022	1
Fluorene	1.8		mg/kg	0.18	0.017	1
Phenanthrene	5.0		mg/kg	0.11	0.022	1
Anthracene	0.60		mg/kg	0.11	0.035	1
Pyrene	1.8		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.91		mg/kg	0.11	0.020	1
Chrysene	1.0		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	1.0		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.71		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.51		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	142	Q	23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	116		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-96 D
 Client ID: 401-MA3-1-18-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 10:44
 Analyst: IMK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.73		mg/kg	0.18	0.11	5
Fluorene	4.0		mg/kg	0.92	0.089	5
Phenanthrene	14.		mg/kg	0.55	0.11	5
Anthracene	1.9		mg/kg	0.55	0.18	5
Pyrene	12.		mg/kg	0.55	0.091	5
Benzo(a)anthracene	7.3		mg/kg	0.55	0.10	5
Chrysene	8.2		mg/kg	0.55	0.095	5
Benzo(b)fluoranthene	8.0		mg/kg	0.55	0.15	5
Benzo(a)pyrene	5.2		mg/kg	0.73	0.22	5
Benzo(ghi)perylene	5.5		mg/kg	0.73	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	56		30-120
4-Terphenyl-d14	59		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-98
 Client ID: 401-MA3-1-18-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 16:46
 Analyst: IMK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.64		mg/kg	0.039	0.024	1
Fluorene	2.7		mg/kg	0.20	0.019	1
Phenanthrene	6.1		mg/kg	0.12	0.024	1
Anthracene	0.24		mg/kg	0.12	0.038	1
Pyrene	0.42		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.20		mg/kg	0.12	0.022	1
Chrysene	0.33		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.23		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.17		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.18		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-100 D
 Client ID: 401-MA3-1-18-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:30
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 11:09
 Analyst: IMK
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.3		mg/kg	0.21	0.13	5
Fluorene	3.0		mg/kg	1.0	0.10	5
Phenanthrene	7.0		mg/kg	0.63	0.13	5
Anthracene	0.98		mg/kg	0.63	0.20	5
Pyrene	2.5		mg/kg	0.63	0.10	5
Benzo(a)anthracene	1.5		mg/kg	0.63	0.12	5
Chrysene	1.6		mg/kg	0.63	0.11	5
Benzo(b)fluoranthene	1.4		mg/kg	0.63	0.18	5
Benzo(a)pyrene	1.1		mg/kg	0.84	0.26	5
Benzo(ghi)perylene	0.68	J	mg/kg	0.84	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	77		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-102
 Client ID: 401-MA3-1-20-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:25
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 11:12
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.16		mg/kg	0.036	0.022	1
Fluorene	0.039	J	mg/kg	0.18	0.017	1
Phenanthrene	0.052	J	mg/kg	0.11	0.022	1
Anthracene	ND		mg/kg	0.11	0.035	1
Pyrene	0.075	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.037	J	mg/kg	0.11	0.020	1
Chrysene	0.065	J	mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.053	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.044	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	39		30-120
4-Terphenyl-d14	34		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-104
 Client ID: 401-MA3-1-20-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:35
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 11:36
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.66		mg/kg	0.036	0.022	1
Fluorene	0.28		mg/kg	0.18	0.018	1
Phenanthrene	0.24		mg/kg	0.11	0.022	1
Anthracene	0.046	J	mg/kg	0.11	0.035	1
Pyrene	0.15		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.080	J	mg/kg	0.11	0.020	1
Chrysene	0.097	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.12		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.086	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.077	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	193	Q	23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-106
 Client ID: 401-MA3-1-20-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 12:00
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.35		mg/kg	0.038	0.023	1
Fluorene	0.18	J	mg/kg	0.19	0.018	1
Phenanthrene	0.65		mg/kg	0.11	0.023	1
Anthracene	0.21		mg/kg	0.11	0.037	1
Pyrene	0.51		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.31		mg/kg	0.11	0.021	1
Chrysene	0.31		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.36		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.30		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.24		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	128	Q	23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	96		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-108
 Client ID: 401-MA3-1-20-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 12:24
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.40		mg/kg	0.039	0.024	1
Fluorene	0.44		mg/kg	0.20	0.019	1
Phenanthrene	0.70		mg/kg	0.12	0.024	1
Anthracene	0.17		mg/kg	0.12	0.038	1
Pyrene	0.49		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.22		mg/kg	0.12	0.022	1
Chrysene	0.24		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.25		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.20		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	260	Q	23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	85		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-110
 Client ID: 401-MA3-1-20-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 12:48
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.54		mg/kg	0.038	0.023	1
Fluorene	0.54		mg/kg	0.19	0.019	1
Phenanthrene	0.97		mg/kg	0.12	0.023	1
Anthracene	0.20		mg/kg	0.12	0.037	1
Pyrene	0.40		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.19		mg/kg	0.12	0.022	1
Chrysene	0.21		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.22		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.14	J	mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	142	Q	23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	76		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-112
 Client ID: 401-MA3-1-22-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 13:13
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.68		mg/kg	0.038	0.023	1
Fluorene	1.2		mg/kg	0.19	0.018	1
Phenanthrene	1.2		mg/kg	0.11	0.023	1
Anthracene	0.14		mg/kg	0.11	0.037	1
Pyrene	0.23		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.12		mg/kg	0.11	0.021	1
Chrysene	0.11		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.14		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.11	J	mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	255	Q	23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	89		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-114
 Client ID: 401-MA3-1-22-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 13:37
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.3		mg/kg	0.037	0.023	1
Fluorene	1.6		mg/kg	0.18	0.018	1
Phenanthrene	2.0		mg/kg	0.11	0.023	1
Anthracene	0.20		mg/kg	0.11	0.036	1
Pyrene	0.17		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.090	J	mg/kg	0.11	0.021	1
Chrysene	0.10	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.086	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.078	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.069	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	257	Q	23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-116
 Client ID: 401-MA3-1-22-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 21:21
 Analyst: ALS
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.33		mg/kg	0.039	0.024	1
Fluorene	0.63		mg/kg	0.20	0.019	1
Phenanthrene	1.5		mg/kg	0.12	0.024	1
Anthracene	0.15		mg/kg	0.12	0.038	1
Pyrene	0.34		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.21		mg/kg	0.12	0.022	1
Chrysene	0.28		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.28		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.29		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.32		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	70		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-118
 Client ID: 401-MA3-1-22-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:15
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 21:39
 Analyst: ALS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.33		mg/kg	0.038	0.023	1
Fluorene	0.80		mg/kg	0.19	0.019	1
Phenanthrene	1.5		mg/kg	0.11	0.023	1
Anthracene	0.18		mg/kg	0.11	0.037	1
Pyrene	0.37		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.22		mg/kg	0.11	0.022	1
Chrysene	0.24		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.23		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.21		mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.18		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	77		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-120
 Client ID: 401-MA3-1-22-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:25
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/27/25 21:57
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/26/25 02:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.17		mg/kg	0.037	0.022	1
Fluorene	0.39		mg/kg	0.18	0.018	1
Phenanthrene	3.2		mg/kg	0.11	0.022	1
Anthracene	1.2		mg/kg	0.11	0.036	1
Pyrene	5.0		mg/kg	0.11	0.018	1
Benzo(a)anthracene	5.0		mg/kg	0.11	0.021	1
Chrysene	4.5		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	5.2		mg/kg	0.11	0.031	1
Benzo(a)pyrene	4.5		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	2.1		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	76		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/22/25 03:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 01/21/25 13:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28 Batch: WG2022088-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.17	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	73		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/24/25 08:28
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 01/23/25 20:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30,32,34,36,38,40,42,44 Batch: WG2022994-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	ND		mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.019
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	82		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/27/25 09:35
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/26/25 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 100,102,104,106,108,110,112,114 Batch: WG2023574-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	104		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/27/25 12:55
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 01/26/25 02:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78,116,118,120 Batch: WG2023582-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.17	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	71		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 01/27/25 08:17
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 01/26/25 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 80,82,84,86,88,90,92,94,96,98 Batch: WG2023589-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	ND		mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.018
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	89		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28 Batch: WG2022088-2 WG2022088-3								
Naphthalene	56		70		40-140	22		50
Fluorene	60		76		40-140	24		50
Phenanthrene	59		76		40-140	25		50
Anthracene	62		79		40-140	24		50
Pyrene	61		77		35-142	23		50
Benzo(a)anthracene	58		77		40-140	28		50
Chrysene	59		78		40-140	28		50
Benzo(b)fluoranthene	59		76		40-140	25		50
Benzo(a)pyrene	64		84		40-140	27		50
Benzo(ghi)perylene	60		81		40-140	30		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		75		25-120
Phenol-d6	59		72		10-120
Nitrobenzene-d5	60		74		23-120
2-Fluorobiphenyl	57		71		30-120
2,4,6-Tribromophenol	64		78		10-136
4-Terphenyl-d14	60		77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30,32,34,36,38,40,42,44 Batch: WG2022994-2 WG2022994-3								
Naphthalene	65		71		40-140	9		50
Fluorene	71		72		40-140	1		50
Phenanthrene	70		68		40-140	3		50
Anthracene	74		72		40-140	3		50
Pyrene	73		67		35-142	9		50
Benzo(a)anthracene	67		65		40-140	3		50
Chrysene	65		64		40-140	2		50
Benzo(b)fluoranthene	76		65		40-140	16		50
Benzo(a)pyrene	75		71		40-140	5		50
Benzo(ghi)perylene	72		73		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		76		25-120
Phenol-d6	66		72		10-120
Nitrobenzene-d5	68		78		23-120
2-Fluorobiphenyl	71		71		30-120
2,4,6-Tribromophenol	82		80		10-136
4-Terphenyl-d14	75		67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 100,102,104,106,108,110,112,114 Batch: WG2023574-2 WG2023574-3								
Naphthalene	88		84		40-140	5		50
Fluorene	92		87		40-140	6		50
Phenanthrene	90		85		40-140	6		50
Anthracene	93		89		40-140	4		50
Pyrene	93		90		35-142	3		50
Benzo(a)anthracene	90		84		40-140	7		50
Chrysene	89		84		40-140	6		50
Benzo(b)fluoranthene	94		82		40-140	14		50
Benzo(a)pyrene	95		88		40-140	8		50
Benzo(ghi)perylene	99		92		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	91		84		23-120
2-Fluorobiphenyl	89		82		30-120
4-Terphenyl-d14	96		90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76,78,116,118,120 Batch: WG2023582-2 WG2023582-3								
Naphthalene	78		66		40-140	17		50
Fluorene	78		69		40-140	12		50
Phenanthrene	77		66		40-140	15		50
Anthracene	81		70		40-140	15		50
Pyrene	78		66		35-142	17		50
Benzo(a)anthracene	72		63		40-140	13		50
Chrysene	72		62		40-140	15		50
Benzo(b)fluoranthene	73		62		40-140	16		50
Benzo(a)pyrene	78		66		40-140	17		50
Benzo(ghi)perylene	75		64		40-140	16		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	75		67		23-120
2-Fluorobiphenyl	76		67		30-120
4-Terphenyl-d14	72		62		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 80,82,84,86,88,90,92,94,96,98 Batch: WG2023589-2 WG2023589-3								
Naphthalene	104		93		40-140	11		50
Fluorene	109		92		40-140	17		50
Phenanthrene	106		88		40-140	19		50
Anthracene	110		89		40-140	21		50
Pyrene	104		88		35-142	17		50
Benzo(a)anthracene	100		81		40-140	21		50
Chrysene	102		79		40-140	25		50
Benzo(b)fluoranthene	108		90		40-140	18		50
Benzo(a)pyrene	119		98		40-140	19		50
Benzo(ghi)perylene	113		86		40-140	27		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	92		85		23-120
2-Fluorobiphenyl	91		82		30-120
4-Terphenyl-d14	106		89		18-120



METALS



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-02
 Client ID: 401-MA3-1-07-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:05
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	53.9		mg/kg	4.85	0.260	2	01/23/25 13:05	01/23/25 16:48	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-04
 Client ID: 401-MA3-1-07-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:15
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	362		mg/kg	4.36	0.234	2	01/23/25 13:05	01/23/25 17:10	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-06
 Client ID: 401-MA3-1-08-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 10:15
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	934		mg/kg	4.90	0.262	2	01/23/25 13:05	01/23/25 17:15	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-08
 Client ID: 401-MA3-1-23-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:30
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.73		mg/kg	4.23	0.227	2	01/23/25 13:05	01/23/25 17:19	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-10
 Client ID: 401-MA3-1-23-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:40
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6.53	J	mg/kg	8.32	0.446	4	01/23/25 13:05	01/23/25 18:52	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-12
 Client ID: 401-MA3-1-23-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:50
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.45	J	mg/kg	9.28	0.498	4	01/23/25 13:05	01/23/25 18:57	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-14
 Client ID: 401-MA3-1-23-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:00
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.41	J	mg/kg	8.29	0.444	4	01/23/25 13:05	01/23/25 19:01	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-16
 Client ID: 401-MA3-1-23-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:10
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	5.06	J	mg/kg	8.19	0.439	4	01/23/25 13:05	01/23/25 19:05	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-18
 Client ID: 401-MA3-1-19-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	124		mg/kg	4.53	0.243	2	01/23/25 13:05	01/23/25 17:50	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-20
 Client ID: 401-MA3-1-70-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 14:35
 Date Received: 01/20/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	234		mg/kg	4.44	0.238	2	01/23/25 13:05	01/23/25 17:55	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-22
 Client ID: 401-MA3-1-61-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 10:50
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	74.5		mg/kg	4.21	0.226	2	01/23/25 13:05	01/23/25 17:59	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-24
 Client ID: 401-MA3-1-69-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 12:00
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	89.7		mg/kg	4.48	0.240	2	01/23/25 13:05	01/23/25 18:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-26
 Client ID: 401-MA3-1-27-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:30
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	70.2		mg/kg	4.26	0.229	2	01/23/25 13:05	01/23/25 18:08	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-28
 Client ID: 401-MA3-1-26-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 14:05
 Date Received: 01/21/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	17.5		mg/kg	4.70	0.252	2	01/23/25 13:05	01/23/25 18:12	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-30
 Client ID: 401-MA3-1-25-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:15
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	24.5		mg/kg	4.41	0.236	2	01/23/25 13:05	01/23/25 18:26	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-32
 Client ID: 401-MA3-1-25-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:25
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	106		mg/kg	4.48	0.240	2	01/23/25 13:05	01/23/25 18:30	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-34
 Client ID: 401-MA3-1-25-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:35
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	70.6		mg/kg	4.55	0.244	2	01/23/25 13:05	01/23/25 18:34	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-36
 Client ID: 401-MA3-1-25-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:45
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.7		mg/kg	4.40	0.236	2	01/23/25 13:05	01/23/25 18:39	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-38
 Client ID: 401-MA3-1-25-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:55
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	9.84		mg/kg	4.39	0.235	2	01/23/25 13:05	01/23/25 18:43	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-40
 Client ID: 401-MA3-1-17-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:45
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.99		mg/kg	4.42	0.237	2	01/23/25 13:05	01/23/25 18:48	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-42
 Client ID: 401-MA3-1-16-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:50
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	11.4		mg/kg	4.67	0.222	2	01/24/25 18:12	01/27/25 14:48	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-44
 Client ID: 401-MA3-1-16-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 16:00
 Date Received: 01/22/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	20.3		mg/kg	4.30	0.204	2	01/24/25 18:12	01/27/25 14:54	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-46
 Client ID: 401-MA3-1-11-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	357		mg/kg	5.36	0.255	2	01/24/25 18:12	01/27/25 14:59	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-48
 Client ID: 401-MA3-1-11-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	84.6		mg/kg	5.12	0.244	2	01/24/25 18:12	01/27/25 15:42	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-50
 Client ID: 401-MA3-1-10-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.6		mg/kg	4.18	0.199	2	01/24/25 18:12	01/27/25 15:47	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-52
 Client ID: 401-MA3-1-10-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	340		mg/kg	4.15	0.198	2	01/24/25 18:12	01/27/25 15:53	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-54
 Client ID: 401-MA3-1-10-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:20
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	114		mg/kg	4.14	0.197	2	01/24/25 18:12	01/27/25 15:58	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-56
 Client ID: 401-MA3-1-10-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:30
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	48.8		mg/kg	4.30	0.205	2	01/24/25 18:12	01/27/25 16:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-58
 Client ID: 401-MA3-1-10-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:40
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.11	J	mg/kg	9.28	0.442	4	01/24/25 18:12	01/27/25 17:44	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-60
 Client ID: 401-MA3-1-09-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:50
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	222		mg/kg	42.0	2.00	20	01/24/25 18:12	01/27/25 18:00	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-62
 Client ID: 401-MA3-1-09-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:00
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2370		mg/kg	4.29	0.204	2	01/24/25 18:12	01/27/25 16:20	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-64
 Client ID: 401-MA3-1-09-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:10
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2380		mg/kg	4.33	0.206	2	01/24/25 18:12	01/27/25 16:25	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-66
 Client ID: 401-MA3-1-09-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:20
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	898		mg/kg	4.64	0.221	2	01/24/25 18:12	01/27/25 16:31	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-68
 Client ID: 401-MA3-1-09-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:30
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	181		mg/kg	4.47	0.213	2	01/24/25 18:12	01/27/25 17:23	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-70
 Client ID: 401-MA3-1-12-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.6		mg/kg	4.20	0.200	2	01/24/25 18:12	01/27/25 17:28	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-72
 Client ID: 401-MA3-1-12-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:55
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	11.4		mg/kg	4.05	0.193	2	01/24/25 18:12	01/27/25 17:34	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-74
 Client ID: 401-MA3-1-13-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:35
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	156		mg/kg	4.58	0.218	2	01/24/25 18:12	01/27/25 17:39	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-76
 Client ID: 401-MA3-1-13-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:45
 Date Received: 01/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	98.1		mg/kg	4.59	0.218	2	01/24/25 18:12	01/27/25 15:04	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-78
 Client ID: 401-MA3-1-14-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	457		mg/kg	4.66	0.222	2	01/27/25 08:17	01/28/25 11:08	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-80
 Client ID: 401-MA3-1-14-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	158		mg/kg	4.44	0.212	2	01/27/25 08:17	01/28/25 12:20	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-82
 Client ID: 401-MA3-1-44-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:40
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	157		mg/kg	8.65	0.412	4	01/27/25 08:17	01/28/25 13:55	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-84
 Client ID: 401-MA3-1-44-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	250		mg/kg	4.14	0.197	2	01/27/25 08:17	01/28/25 12:31	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-86
 Client ID: 401-MA3-1-44-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	238		mg/kg	8.70	0.414	4	01/27/25 08:17	01/28/25 14:00	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-88
 Client ID: 401-MA3-1-44-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	188		mg/kg	4.49	0.214	2	01/27/25 08:17	01/28/25 13:16	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-90
 Client ID: 401-MA3-1-44-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	146		mg/kg	4.49	0.214	2	01/27/25 08:17	01/28/25 13:21	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-92
 Client ID: 401-MA3-1-18-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:50
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	251		mg/kg	4.60	0.219	2	01/27/25 08:17	01/28/25 13:27	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-94
 Client ID: 401-MA3-1-18-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:00
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	177		mg/kg	4.41	0.210	2	01/27/25 08:17	01/28/25 13:33	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-96
 Client ID: 401-MA3-1-18-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:10
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	201		mg/kg	4.37	0.208	2	01/27/25 08:17	01/28/25 13:39	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-98
 Client ID: 401-MA3-1-18-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:20
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	118		mg/kg	47.3	2.25	20	01/27/25 08:17	01/28/25 15:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-100
 Client ID: 401-MA3-1-18-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:30
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	105		mg/kg	4.96	0.236	2	01/27/25 08:17	01/28/25 10:52	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-102
 Client ID: 401-MA3-1-20-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:25
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	40.0		mg/kg	4.29	0.204	2	01/27/25 08:17	01/28/25 10:58	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-104
 Client ID: 401-MA3-1-20-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:35
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	135		mg/kg	4.30	0.205	2	01/27/25 08:17	01/28/25 11:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-106
 Client ID: 401-MA3-1-20-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	86.3		mg/kg	4.62	0.220	2	01/27/25 08:17	01/28/25 11:46	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-108
 Client ID: 401-MA3-1-20-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	356		mg/kg	4.85	0.231	2	01/27/25 08:17	01/28/25 11:52	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-110
 Client ID: 401-MA3-1-20-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	793		mg/kg	4.70	0.224	2	01/27/25 08:17	01/28/25 11:57	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-112
 Client ID: 401-MA3-1-22-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:45
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	43.2		mg/kg	4.50	0.214	2	01/27/25 08:17	01/28/25 12:02	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-114
 Client ID: 401-MA3-1-22-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:55
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	40.4		mg/kg	9.03	0.430	4	01/27/25 08:17	01/28/25 13:50	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-116
 Client ID: 401-MA3-1-22-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:05
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	104		mg/kg	4.90	0.233	2	01/27/25 08:17	01/28/25 12:14	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-118
 Client ID: 401-MA3-1-22-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:15
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	495		mg/kg	4.52	0.215	2	01/28/25 18:52	01/29/25 11:03	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-120
 Client ID: 401-MA3-1-22-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:25
 Date Received: 01/24/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	94.5		mg/kg	4.44	0.211	2	01/28/25 18:52	01/29/25 10:57	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 Batch: WG2022867-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	01/23/25 13:05	01/23/25 16:39	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76 Batch: WG2023348-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/24/25 18:12	01/27/25 14:38	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 78,80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116 Batch: WG2023780-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/27/25 08:17	01/28/25 10:42	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 118,120 Batch: WG2024397-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/28/25 18:52	01/29/25 10:44	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 Batch: WG2022867-2								
Lead, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76 Batch: WG2023348-2								
Lead, Total	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 78,80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116 Batch: WG2023780-2								
Lead, Total	92		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 118,120 Batch: WG2024397-2								
Lead, Total	95		-		80-120	-		



Matrix Spike Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 QC Batch ID: WG2022867-3 QC Sample: L2503263-02 Client ID: 401-MA3-1-07-C1-COMP												
Lead, Total	53.9	51.4	131	150	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76 QC Batch ID: WG2023348-3 QC Sample: L2503263-76 Client ID: 401-MA3-1-13-C2-COMP												
Lead, Total	98.1	46.2	113	32	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 78,80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116 QC Batch ID: WG2023780-3 QC Sample: L2503263-78 Client ID: 401-MA3-1-14-C1-COMP												
Lead, Total	457	48.1	459	4	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 118,120 QC Batch ID: WG2024397-3 QC Sample: L2503263-118 Client ID: 401-MA3-1-22-C4-COMP												
Lead, Total	495	47.2	215	0	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40 QC Batch ID: WG2022867-4 QC Sample: L2503263-02 Client ID: 401-MA3-1-07-C1-COMP						
Lead, Total	53.9	54.7	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 42,44,46,48,50,52,54,56,58,60,62,64,66,68,70,72,74,76 QC Batch ID: WG2023348-4 QC Sample: L2503263-76 Client ID: 401-MA3-1-13-C2-COMP						
Lead, Total	98.1	101	mg/kg	3		20
Total Metals - Mansfield Lab Associated sample(s): 78,80,82,84,86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116 QC Batch ID: WG2023780-4 QC Sample: L2503263-78 Client ID: 401-MA3-1-14-C1-COMP						
Lead, Total	457	386	mg/kg	17		20
Total Metals - Mansfield Lab Associated sample(s): 118,120 QC Batch ID: WG2024397-4 QC Sample: L2503263-118 Client ID: 401-MA3-1-22-C4-COMP						
Lead, Total	495	194	mg/kg	87	Q	20

INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-01
Client ID: 401-MA3-1-07-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:00
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-02
Client ID: 401-MA3-1-07-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:05
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-03
Client ID: 401-MA3-1-07-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:10
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-04
Client ID: 401-MA3-1-07-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 09:15
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-05
Client ID: 401-MA3-1-08-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 10:10
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-06
Client ID: 401-MA3-1-08-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 10:15
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-07
Client ID: 401-MA3-1-23-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:25
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-08
Client ID: 401-MA3-1-23-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:30
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-09
Client ID: 401-MA3-1-23-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:35
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-10
Client ID: 401-MA3-1-23-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:40
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-11
Client ID: 401-MA3-1-23-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:45
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-12
Client ID: 401-MA3-1-23-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:50
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-13
Client ID: 401-MA3-1-23-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 11:55
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-14
Client ID: 401-MA3-1-23-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:00
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-15
Client ID: 401-MA3-1-23-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:05
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-16
Client ID: 401-MA3-1-23-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 12:10
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-17
Client ID: 401-MA3-1-19-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:30
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-18
Client ID: 401-MA3-1-19-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 13:35
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-19
Client ID: 401-MA3-1-70-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 14:30
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	01/21/25 10:08	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-20
Client ID: 401-MA3-1-70-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/20/25 14:35
Date Received: 01/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	01/21/25 10:32	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-21
Client ID: 401-MA3-1-61-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 10:45
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-22
Client ID: 401-MA3-1-61-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 10:50
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-23
Client ID: 401-MA3-1-69-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 11:55
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-24
Client ID: 401-MA3-1-69-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 12:00
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-25
Client ID: 401-MA3-1-27-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:25
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-26
Client ID: 401-MA3-1-27-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 13:30
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-27
Client ID: 401-MA3-1-26-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 14:00
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	01/22/25 10:41	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-28
Client ID: 401-MA3-1-26-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/21/25 14:05
Date Received: 01/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	01/22/25 11:24	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-29
Client ID: 401-MA3-1-25-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:10
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-30
Client ID: 401-MA3-1-25-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:15
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-31
Client ID: 401-MA3-1-25-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:20
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-32
Client ID: 401-MA3-1-25-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:25
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-33
Client ID: 401-MA3-1-25-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:30
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-34
Client ID: 401-MA3-1-25-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:35
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-35
Client ID: 401-MA3-1-25-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:40
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-36
Client ID: 401-MA3-1-25-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:45
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-37
Client ID: 401-MA3-1-25-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:50
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-38
Client ID: 401-MA3-1-25-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 12:55
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-39
Client ID: 401-MA3-1-17-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:40
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-40
Client ID: 401-MA3-1-17-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 13:45
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-41
Client ID: 401-MA3-1-16-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:45
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-42
Client ID: 401-MA3-1-16-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:50
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-43
Client ID: 401-MA3-1-16-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 15:55
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-44
Client ID: 401-MA3-1-16-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/22/25 16:00
Date Received: 01/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	01/23/25 10:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-45
Client ID: 401-MA3-1-11-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 09:55
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.6		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-46
Client ID: 401-MA3-1-11-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:00
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.5		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-47
Client ID: 401-MA3-1-11-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:05
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-48
Client ID: 401-MA3-1-11-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:10
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-49
Client ID: 401-MA3-1-10-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 10:55
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-50
Client ID: 401-MA3-1-10-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:00
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-51
Client ID: 401-MA3-1-10-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:05
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-52
Client ID: 401-MA3-1-10-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:10
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-53
Client ID: 401-MA3-1-10-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:15
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-54
Client ID: 401-MA3-1-10-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:20
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-55
Client ID: 401-MA3-1-10-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:25
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-56
Client ID: 401-MA3-1-10-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:30
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-57
Client ID: 401-MA3-1-10-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:35
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-58
Client ID: 401-MA3-1-10-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 11:40
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-59
Client ID: 401-MA3-1-09-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:45
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-60
Client ID: 401-MA3-1-09-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:50
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-61
Client ID: 401-MA3-1-09-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 12:55
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-62
Client ID: 401-MA3-1-09-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:00
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-63
Client ID: 401-MA3-1-09-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:05
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-64
Client ID: 401-MA3-1-09-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:10
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	01/24/25 14:07	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-65
Client ID: 401-MA3-1-09-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:15
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.5		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-66
Client ID: 401-MA3-1-09-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:20
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-67
Client ID: 401-MA3-1-09-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:25
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-68
Client ID: 401-MA3-1-09-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 13:30
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-69
Client ID: 401-MA3-1-12-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:40
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-70
Client ID: 401-MA3-1-12-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:45
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-71
Client ID: 401-MA3-1-12-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:50
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-72
Client ID: 401-MA3-1-12-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 14:55
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-73
Client ID: 401-MA3-1-13-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:30
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-74
Client ID: 401-MA3-1-13-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:35
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-75
Client ID: 401-MA3-1-13-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:40
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-76
Client ID: 401-MA3-1-13-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/23/25 15:45
Date Received: 01/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	01/24/25 14:19	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-77
Client ID: 401-MA3-1-14-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 08:55
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-78
Client ID: 401-MA3-1-14-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:00
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-79
Client ID: 401-MA3-1-14-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:05
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-80
Client ID: 401-MA3-1-14-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 09:10
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-81
Client ID: 401-MA3-1-44-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:35
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-82
Client ID: 401-MA3-1-44-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:40
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-83
Client ID: 401-MA3-1-44-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:45
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-84
Client ID: 401-MA3-1-44-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:50
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-85
Client ID: 401-MA3-1-44-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 10:55
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-86
Client ID: 401-MA3-1-44-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:00
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-87
Client ID: 401-MA3-1-44-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:05
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-88
Client ID: 401-MA3-1-44-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:10
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-89
Client ID: 401-MA3-1-44-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:15
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-90
Client ID: 401-MA3-1-44-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 11:20
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-91
Client ID: 401-MA3-1-18-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:45
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-92
Client ID: 401-MA3-1-18-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:50
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-93
Client ID: 401-MA3-1-18-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 12:55
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-94
Client ID: 401-MA3-1-18-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:00
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-95
Client ID: 401-MA3-1-18-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:05
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-96
Client ID: 401-MA3-1-18-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:10
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	01/25/25 12:40	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-97
Client ID: 401-MA3-1-18-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:15
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-98
Client ID: 401-MA3-1-18-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:20
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-99
Client ID: 401-MA3-1-18-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:25
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-100
Client ID: 401-MA3-1-18-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 13:30
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-101
Client ID: 401-MA3-1-20-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:20
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-102
Client ID: 401-MA3-1-20-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:25
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-103
Client ID: 401-MA3-1-20-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:30
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-104
Client ID: 401-MA3-1-20-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:35
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-105
Client ID: 401-MA3-1-20-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:40
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-106
Client ID: 401-MA3-1-20-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:45
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-107
Client ID: 401-MA3-1-20-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:50
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-108
Client ID: 401-MA3-1-20-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 14:55
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-109
Client ID: 401-MA3-1-20-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:00
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-110
Client ID: 401-MA3-1-20-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:05
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-111
Client ID: 401-MA3-1-22-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:40
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-112
Client ID: 401-MA3-1-22-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:45
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-113
Client ID: 401-MA3-1-22-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:50
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-114
Client ID: 401-MA3-1-22-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 15:55
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-115
Client ID: 401-MA3-1-22-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:00
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-116
Client ID: 401-MA3-1-22-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:05
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	01/25/25 12:53	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-117
Client ID: 401-MA3-1-22-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:10
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	01/25/25 13:03	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-118
Client ID: 401-MA3-1-22-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:15
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	01/25/25 13:03	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-119
Client ID: 401-MA3-1-22-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:20
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/25/25 13:03	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

SAMPLE RESULTS

Lab ID: L2503263-120
Client ID: 401-MA3-1-22-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE.

Date Collected: 01/24/25 16:25
Date Received: 01/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	01/25/25 13:03	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG2021943-1 QC Sample: L2503252-08 Client ID: DUP Sample						
Solids, Total	93.0	92.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,20 QC Batch ID: WG2021951-1 QC Sample: L2503193-01 Client ID: DUP Sample						
Solids, Total	83.1	83.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-27 QC Batch ID: WG2022338-1 QC Sample: L2503263-21 Client ID: 401-MA3-1-61-C1-VOC						
Solids, Total	94.4	94.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 28 QC Batch ID: WG2022340-1 QC Sample: L2503263-28 Client ID: 401-MA3-1-26-C1-COMP						
Solids, Total	83.6	83.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 29-44 QC Batch ID: WG2022740-1 QC Sample: L2503263-29 Client ID: 401-MA3-1-25-C1-VOC						
Solids, Total	86.3	86.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 45-64 QC Batch ID: WG2023220-1 QC Sample: L2503263-45 Client ID: 401-MA3-1-11-C1-VOC						
Solids, Total	75.6	74.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 65-76 QC Batch ID: WG2023221-1 QC Sample: L2503263-65 Client ID: 401-MA3-1-09-C4-VOC						
Solids, Total	75.5	77.3	%	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 77-96 QC Batch ID: WG2023516-1 QC Sample: L2503263-77 Client ID: 401-MA3-1-14-C1-VOC					
Solids, Total	84.2	82.9	%	2	20
General Chemistry - Westborough Lab Associated sample(s): 97-116 QC Batch ID: WG2023517-1 QC Sample: L2503263-100 Client ID: 401-MA3-1-18-C5-COMP					
Solids, Total	79.2	82.3	%	4	20
General Chemistry - Westborough Lab Associated sample(s): 117-120 QC Batch ID: WG2023519-1 QC Sample: L2503263-117 Client ID: 401-MA3-1-22-C4-VOC					
Solids, Total	93.8	93.6	%	0	20

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent
L	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-01A	Vial MeOH preserved	B	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-01B	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-01C	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-01D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2503263-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		PB-TI(180)
L2503263-02B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-03A	Vial MeOH preserved	B	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-03B	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-03C	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-03D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2503263-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-04B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-05A	Vial MeOH preserved	B	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-05B	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-05C	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-05D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2503263-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		PB-TI(180)
L2503263-06B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-07A	Vial MeOH preserved	A	NA		4.2	Y	Absent		PA-8260HLW(14)
L2503263-07B	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-07C	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-07D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2503263-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		PB-TI(180)
L2503263-08B	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2503263-09A	Vial MeOH preserved	B	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-09B	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-09C	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-09D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2503263-100A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-100B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-101A	Vial MeOH preserved	K	NA		3.5	Y	Absent		PA-8260HLW(14)
L2503263-101B	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-101C	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-101D	Plastic 120ml unpreserved	K	NA		3.5	Y	Absent		TS(7)
L2503263-102A	Metals Only-Glass 60mL/2oz unpreserved	K	NA		3.5	Y	Absent		PB-TI(180)
L2503263-102B	Glass 120ml/4oz unpreserved	K	NA		3.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-103A	Vial MeOH preserved	I	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-103B	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-103C	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-103D	Plastic 120ml unpreserved	I	NA		2.4	Y	Absent		TS(7)
L2503263-104A	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.4	Y	Absent		PB-TI(180)
L2503263-104B	Glass 120ml/4oz unpreserved	I	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-105A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260HLW(14)
L2503263-105B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-105C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-105D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-106A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-106B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-107A	Vial MeOH preserved	I	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-107B	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-107C	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-107D	Plastic 120ml unpreserved	I	NA		2.4	Y	Absent		TS(7)
L2503263-108A	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.4	Y	Absent		PB-TI(180)
L2503263-108B	Glass 120ml/4oz unpreserved	I	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-109A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260HLW(14)
L2503263-109B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-109C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-109D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		PB-TI(180)
L2503263-10B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-110A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-110B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-111A	Vial MeOH preserved	I	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-111B	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-111C	Vial water preserved	I	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-111D	Plastic 120ml unpreserved	I	NA		2.4	Y	Absent		TS(7)
L2503263-112A	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.4	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-112B	Glass 120ml/4oz unpreserved	I	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-113A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260HLW(14)
L2503263-113B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-113C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-113D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-114A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-114B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-115A	Vial MeOH preserved	K	NA		3.5	Y	Absent		PA-8260HLW(14)
L2503263-115B	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-115C	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-115D	Plastic 120ml unpreserved	K	NA		3.5	Y	Absent		TS(7)
L2503263-116A	Metals Only-Glass 60mL/2oz unpreserved	K	NA		3.5	Y	Absent		PB-TI(180)
L2503263-116B	Glass 120ml/4oz unpreserved	K	NA		3.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-117A	Vial MeOH preserved	K	NA		3.5	Y	Absent		PA-8260HLW(14)
L2503263-117B	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-117C	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-117D	Plastic 120ml unpreserved	K	NA		3.5	Y	Absent		TS(7)
L2503263-118A	Metals Only-Glass 60mL/2oz unpreserved	K	NA		3.5	Y	Absent		PB-TI(180)
L2503263-118B	Glass 120ml/4oz unpreserved	K	NA		3.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-119A	Vial MeOH preserved	K	NA		3.5	Y	Absent		PA-8260HLW(14)
L2503263-119B	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-119C	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-119D	Plastic 120ml unpreserved	K	NA		3.5	Y	Absent		TS(7)
L2503263-11A	Vial MeOH preserved	A	NA		4.2	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-11B	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260H(14),PA-8260HLW(14)
L2503263-11C	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260H(14),PA-8260HLW(14)
L2503263-11D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2503263-120A	Metals Only-Glass 60mL/2oz unpreserved	K	NA		3.5	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-120B	Glass 120ml/4oz unpreserved	K	NA		3.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		PB-TI(180)
L2503263-12B	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2503263-13A	Vial MeOH preserved	B	NA		2.5	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-13B	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260H(14),PA-8260HLW(14)
L2503263-13C	Vial water preserved	B	NA		2.5	Y	Absent	21-JAN-25 04:21	PA-8260H(14),PA-8260HLW(14)
L2503263-13D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2503263-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		PB-TI(180)
L2503263-14B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-15A	Vial MeOH preserved	A	NA		4.2	Y	Absent		PA-8260HLW(14)
L2503263-15B	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-15C	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-15D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2503263-15X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		PA-8260HLW(14)
L2503263-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		PB-TI(180)
L2503263-16B	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2503263-17A	Vial MeOH preserved	A	NA		4.2	Y	Absent		PA-8260HLW(14)
L2503263-17B	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-17C	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-17D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2503263-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		PB-TI(180)
L2503263-18B	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		TS(7),PA-PAH(14)
L2503263-19A	Vial MeOH preserved	A	NA		4.2	Y	Absent		PA-8260HLW(14)
L2503263-19B	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-19C	Vial water preserved	A	NA		4.2	Y	Absent	21-JAN-25 04:21	PA-8260HLW(14)
L2503263-19D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2503263-20A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		PB-TI(180)
L2503263-20B	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		TS(7),PA-PAH(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-21A	Vial MeOH preserved	C	NA		3.1	Y	Absent		PA-8260HLW(14)
L2503263-21B	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-21C	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-21D	Plastic 120ml unpreserved	C	NA		3.1	Y	Absent		TS(7)
L2503263-22A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.1	Y	Absent		PB-TI(180)
L2503263-22B	Glass 120ml/4oz unpreserved	C	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2503263-23A	Vial MeOH preserved	C	NA		3.1	Y	Absent		PA-8260HLW(14)
L2503263-23B	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-23C	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-23D	Plastic 120ml unpreserved	C	NA		3.1	Y	Absent		TS(7)
L2503263-24A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.1	Y	Absent		PB-TI(180)
L2503263-24B	Glass 120ml/4oz unpreserved	C	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2503263-25A	Vial MeOH preserved	C	NA		3.1	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-25B	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260H(14),PA-8260HLW(14)
L2503263-25C	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260H(14),PA-8260HLW(14)
L2503263-25D	Plastic 120ml unpreserved	C	NA		3.1	Y	Absent		TS(7)
L2503263-26A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.1	Y	Absent		PB-TI(180)
L2503263-26B	Glass 120ml/4oz unpreserved	C	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2503263-27A	Vial MeOH preserved	C	NA		3.1	Y	Absent		PA-8260HLW(14)
L2503263-27B	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-27C	Vial water preserved	C	NA		3.1	Y	Absent	22-JAN-25 05:00	PA-8260HLW(14)
L2503263-27D	Plastic 120ml unpreserved	C	NA		3.1	Y	Absent		TS(7)
L2503263-28A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.1	Y	Absent		PB-TI(180)
L2503263-28B	Glass 120ml/4oz unpreserved	C	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2503263-29A	Vial MeOH preserved	D	NA		2.8	Y	Absent		PA-8260HLW(14)
L2503263-29B	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-29C	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-29C1	Vial Water preserved split	NA	NA			Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-29D	Plastic 120ml unpreserved	D	NA		2.8	Y	Absent		TS(7)
L2503263-30A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.8	Y	Absent		PB-TI(180)
L2503263-30B	Glass 120ml/4oz unpreserved	D	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2503263-31A	Vial MeOH preserved	D	NA		2.8	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-31B	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260H(14),PA-8260HLW(14)
L2503263-31C	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260H(14),PA-8260HLW(14)
L2503263-31D	Plastic 120ml unpreserved	D	NA		2.8	Y	Absent		TS(7)
L2503263-32A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.8	Y	Absent		PB-TI(180)
L2503263-32B	Glass 120ml/4oz unpreserved	D	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2503263-33A	Vial water preserved	D	NA		2.8	Y	Absent	24-JAN-25 10:43	PA-8260HLW(14)
L2503263-33B	Vial MeOH preserved	D	NA		2.8	Y	Absent		PA-8260HLW(14)
L2503263-33C	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-33D	Plastic 120ml unpreserved	D	NA		2.8	Y	Absent		TS(7)
L2503263-34A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.8	Y	Absent		PB-TI(180)
L2503263-34B	Glass 120ml/4oz unpreserved	D	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2503263-35A	Vial MeOH preserved	D	NA		2.8	Y	Absent		PA-8260HLW(14)
L2503263-35B	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-35C	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-35D	Plastic 120ml unpreserved	D	NA		2.8	Y	Absent		TS(7)
L2503263-36A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.8	Y	Absent		PB-TI(180)
L2503263-36B	Glass 120ml/4oz unpreserved	D	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2503263-37A	Vial MeOH preserved	D	NA		2.8	Y	Absent		PA-8260HLW(14)
L2503263-37B	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-37C	Vial water preserved	D	NA		2.8	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-37D	Plastic 120ml unpreserved	D	NA		2.8	Y	Absent		TS(7)
L2503263-38A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.8	Y	Absent		PB-TI(180)
L2503263-38B	Glass 120ml/4oz unpreserved	D	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2503263-39A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-39B	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-39C	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-39D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2503263-40A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2503263-40B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2503263-41A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2503263-41B	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-41C	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-41D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2503263-42A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2503263-42B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2503263-43A	Vial MeOH preserved	E	NA		3.6	Y	Absent		PA-8260HLW(14)
L2503263-43B	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-43C	Vial water preserved	E	NA		3.6	Y	Absent	23-JAN-25 07:48	PA-8260HLW(14)
L2503263-43D	Plastic 120ml unpreserved	E	NA		3.6	Y	Absent		TS(7)
L2503263-44A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.6	Y	Absent		PB-TI(180)
L2503263-44B	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		TS(7),PA-PAH(14)
L2503263-45A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2503263-45B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-45C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-45D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-46A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2503263-46B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2503263-47A	Vial MeOH preserved	H	NA		3.3	Y	Absent		PA-8260HLW(14)
L2503263-47B	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-47C	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-47D	Plastic 120ml unpreserved	H	NA		3.3	Y	Absent		TS(7)
L2503263-48A	Metals Only-Glass 60mL/2oz unpreserved	H	NA		3.3	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-48B	Glass 120ml/4oz unpreserved	H	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2503263-49A	Vial MeOH preserved	H	NA		3.3	Y	Absent		PA-8260HLW(14)
L2503263-49B	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-49C	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-49D	Plastic 120ml unpreserved	H	NA		3.3	Y	Absent		TS(7)
L2503263-50A	Metals Only-Glass 60mL/2oz unpreserved	H	NA		3.3	Y	Absent		PB-TI(180)
L2503263-50B	Glass 120ml/4oz unpreserved	H	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2503263-51A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2503263-51B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-51C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-51D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-52A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2503263-52B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2503263-53A	Vial MeOH preserved	H	NA		3.3	Y	Absent		PA-8260HLW(14)
L2503263-53B	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-53C	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-53D	Plastic 120ml unpreserved	H	NA		3.3	Y	Absent		TS(7)
L2503263-54A	Metals Only-Glass 60mL/2oz unpreserved	H	NA		3.3	Y	Absent		PB-TI(180)
L2503263-54B	Glass 120ml/4oz unpreserved	H	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2503263-55A	Vial MeOH preserved	H	NA		3.3	Y	Absent		PA-8260HLW(14)
L2503263-55B	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-55C	Vial water preserved	H	NA		3.3	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-55D	Plastic 120ml unpreserved	H	NA		3.3	Y	Absent		TS(7)
L2503263-56A	Metals Only-Glass 60mL/2oz unpreserved	H	NA		3.3	Y	Absent		PB-TI(180)
L2503263-56B	Glass 120ml/4oz unpreserved	H	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2503263-57A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2503263-57B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-57C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-57D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-58A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2503263-58B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2503263-59A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-59B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260H(14),PA-8260HLW(14)
L2503263-59C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260H(14),PA-8260HLW(14)
L2503263-59D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-60A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2503263-60B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2503263-61A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-61B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-61C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-61D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-62A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-62B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-63A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2503263-63B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-63C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-63D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-64A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-64B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-65A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-65B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-65C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-65D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-66A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-66B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-67A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-67B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-67C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-67D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-68A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-68B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-69A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-69B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-69C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-69D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-70A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-70B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-71A	Vial MeOH preserved	G	NA		3.0	Y	Absent		PA-8260HLW(14)
L2503263-71B	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-71C	Vial water preserved	G	NA		3.0	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-71D	Plastic 120ml unpreserved	G	NA		3.0	Y	Absent		TS(7)
L2503263-72A	Metals Only-Glass 60mL/2oz unpreserved	G	NA		3.0	Y	Absent		PB-TI(180)
L2503263-72B	Glass 120ml/4oz unpreserved	G	NA		3.0	Y	Absent		TS(7),PA-PAH(14)
L2503263-73A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-73B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-73C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-73D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-74A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)
L2503263-74B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-75A	Vial MeOH preserved	F	NA		2.5	Y	Absent		PA-8260HLW(14)
L2503263-75B	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-75C	Vial water preserved	F	NA		2.5	Y	Absent	24-JAN-25 11:01	PA-8260HLW(14)
L2503263-75D	Plastic 120ml unpreserved	F	NA		2.5	Y	Absent		TS(7)
L2503263-76A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.5	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-76B	Glass 120ml/4oz unpreserved	F	NA		2.5	Y	Absent		TS(7),PA-PAH(14)
L2503263-77A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-77B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-77C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-77D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-78A	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.4	Y	Absent		PB-TI(180)
L2503263-78B	Glass 120ml/4oz unpreserved	J	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-79A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-79B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-79C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-79D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-80A	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.4	Y	Absent		PB-TI(180)
L2503263-80B	Glass 120ml/4oz unpreserved	J	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-81A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-81B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-81C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-81D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-82A	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.4	Y	Absent		PB-TI(180)
L2503263-82B	Glass 120ml/4oz unpreserved	J	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-83A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-83B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-83C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-83D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-84A	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.4	Y	Absent		PB-TI(180)
L2503263-84B	Glass 120ml/4oz unpreserved	J	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-85A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260HLW(14)
L2503263-85B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-85C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-85D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-86A	Metals Only-Glass 60mL/2oz unpreserved	J	NA		2.4	Y	Absent		PB-TI(180)
L2503263-86B	Glass 120ml/4oz unpreserved	J	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-87A	Vial MeOH preserved	J	NA		2.4	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-87B	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-87C	Vial water preserved	J	NA		2.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-87D	Plastic 120ml unpreserved	J	NA		2.4	Y	Absent		TS(7)
L2503263-88A	Metals Only-Glass 60mL/2oz unpreserved	I	NA		2.4	Y	Absent		PB-TI(180)
L2503263-88B	Glass 120ml/4oz unpreserved	I	NA		2.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-89A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-89B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-89C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-89D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-90A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-90B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-91A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2503263-91B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-91C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-91D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-92A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-92B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-93A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260HLW(14)
L2503263-93B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-93C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-93D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-94A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-94B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-95A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260H(14),PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2503263**Project Number:** P044.001.001**Report Date:** 01/31/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2503263-95B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-95C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260H(14),PA-8260HLW(14)
L2503263-95D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-96A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-96B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-97A	Vial MeOH preserved	L	NA		3.4	Y	Absent		PA-8260HLW(14)
L2503263-97B	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-97C	Vial water preserved	L	NA		3.4	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-97D	Plastic 120ml unpreserved	L	NA		3.4	Y	Absent		TS(7)
L2503263-98A	Metals Only-Glass 60mL/2oz unpreserved	L	NA		3.4	Y	Absent		PB-TI(180)
L2503263-98B	Glass 120ml/4oz unpreserved	L	NA		3.4	Y	Absent		TS(7),PA-PAH(14)
L2503263-99A	Vial MeOH preserved	K	NA		3.5	Y	Absent		PA-8260HLW(14)
L2503263-99B	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-99C	Vial water preserved	K	NA		3.5	Y	Absent	25-JAN-25 09:21	PA-8260HLW(14)
L2503263-99D	Plastic 120ml unpreserved	K	NA		3.5	Y	Absent		TS(7)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2503263
Report Date: 01/31/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 1 of 2

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection info/facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AR PT MT CT ET
County / State origin of sample(s):
Data Deliverables: Level I Level II Level III Level IV EQR Other:
Regulatory Program (DW, RCRA, etc.) is applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other:
Date Results Requested:
PW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): Yes No
Analysis:
Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (S), Oil/Gel, Wipe (WP), Tissue (T), Bioreactor (R), Vapor (V), Surface Water (SW), Sediment (SE), Sludge (SL), Cask (CK), Leachate (LL), Biosolid (BS), Other (OT)

LAB USE ONLY: AR# Workorder/Log# Label Here
L2503263 27JAN25
TERRAPHASE

Specify Container Size **
Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 120mL, (5) 100mL, (6) 40mL vial, (7) Evapor, (8) Terraphase 100mL, (9) 50mL order

Modify Container Preservation Type***
Preservative Type: (1) None, (2) HCl, (3) H2SO4, (4) HNO3, (5) NaOH, (6) Zn Acetate, (7) Boric Acid, (8) Silica, (9) Thiourea, (10) Ascorbic Acid, (11) MDA, (12) Other

Analysis Requested:
Shortlist 1-5 VOCs (8260)
Shortlist 1-5 SVOCs (8270)
Lead (6010)

Matrix Code: (1) DW, (2) GW, (3) WW, (4) P, (5) S, (6) O/G, (7) W, (8) T, (9) R, (10) V, (11) SW, (12) SE, (13) SL, (14) CK, (15) LL, (16) BS, (17) Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time							
01 401-MA3-1-07-C1-VOC	SO	G	1/20/25	9:00	1/20/25	9:00	4			X			
02 401-MA3-1-07-C2-COMP		C		9:05		9:05	2			X	X		
03 401-MA3-1-07-C2-VOC		G		9:10		9:10	4			X			
04 401-MA3-1-07-C2-COMP		C		9:15		9:15	2			X	X		
05 401-MA3-1-08-C1-VOC		G		10:10		10:10	4			X			
06 401-MA3-1-08-C1-COMP		C		10:15		10:15	2			X	X		
07 401-MA3-1-23-C1-VOC		G		11:25		11:25	4			X			
08 401-MA3-1-23-C1-COMP		C		11:30		11:30	2			X	X		
09 401-MA3-1-23-C2-VOC		G		11:35		11:35	4			X			
10 401-MA3-1-23-C2-COMP		C		11:40		11:40	2			X	X		

Additional Instructions from Pace: Please send EDDs to EDD@terraphase.com

Collected By: *Samantha Chubb*
Printed Name: *Samantha Chubb*
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *Maryanne Mowen TEI* Date/Time: *1/20/25 @ 1805*
Received by/Company (Signature): *Nicole Ovi Pace* Date/Time: *1/20/25 1400*
Received by/Company (Signature): *[Signature]* Date/Time: *1/20*
Received by/Company (Signature): *Anthony Green* Date/Time: *1/21/25 0050*

Received by/Company (Signature): *[Signature]* Date/Time: *1/20/25 1505*
Received by/Company (Signature): *[Signature]* Date/Time: *1/20/25 1900*
Received by/Company (Signature): *Anthony Green* Date/Time: *JAN 20 2025 0050*
Received by/Company (Signature): *[Signature]* Date/Time: *1/21/25 0050*


Page: 1 of 2

Submitting a sample via this chain of custody form entails your knowledge and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubfs/pac-standard-terms.pdf>

ENV-FRM-COR3-0019_v03_110124 ©

Pace Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Report To: Rick Scala
 Street Address: Phone# 609 236 8171 x82
 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 E-Mail: rick_scala@terraphase.com
 Customer Project #: POM4.001.001 CC E-Mail: alexander.airch@terraphase.com
 Project Name: Invoice to:
 BDH Invoice E-mail:
 Site Collection info/Facility ID (as applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: LAR IPT JMT JCT ET County / State origin of sample(s):

LAB USE ONLY- Affix Workorder Login Label Here:

L2503263 27JAN25
TERRAPHASE

Specify Container Size **
 8. 10 50
 Identify Container Preservative Type***
 3. 3. 1
 Analysis Requested
 *** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 50mL, (6) 15mL Vial, (7) 10mL Vial, (8) TerraClare, (9) Other
 *** Preservative Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) H2O2, (7) Ascorbic Acid, (8) Other
 (9) Other

Data Deliverables: Regulatory Program (SW, RCRA, etc.) as applicable: Reportable Yes No
 Level II Level III Level IV
 GUS
 Other
 Rush (Pre-approval required): DW PWS# # or WW Permit # as applicable:
 Same Day 1 Day 3 Day 7 Day Other _____
 Date Results Requested: Field Filtered (if applicable): Yes No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), OGDU, Wipe (WP), Tissue (T), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Core (CK), Leadate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Revised Chain Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservative non-compliance identified for sample
			Date	Time	Date	Time							
11 401-MA3-1-23-C3-VOL	SO	G	1/20/25	11:45	1/20/25	11:45	4			X			
12 401-MA3-1-23-C3-COMP		C		11:50		11:50	2			X	X		
13 401-MA3-1-23-C4-VOL		G		11:55		11:55	4			X			
14 401-MA3-1-23-C4-COMP		C		12:00		12:00	2			X	X		
15 401-MA3-1-23-C5-VOL		G		12:05		12:05	4			X			
16 401-MA3-1-23-C5-COMP		C		12:10		12:10	2			X	X		
17 401-MA3-1-19-C1-VOL		G		13:30		13:30	4			X			
18 401-MA3-1-19-C1-COMP		C		13:35		13:35	2			X	X		
19 401-MA3-1-70-C1-VOL		G		14:30		14:30	4			X			
20 401-MA3-1-70-C2-COMP		C		14:35		14:35	2			X	X		

Additional Instructions from Pace*: Collected By: Samantha Chubb
 Printed Name: Signature: *S.C.*
 Customer Remark / Special Conditions / Possible Hazards:
 Please send EDDs to EDD@terraphase.com

Received by/Company Signature: *Marcus Mowser TEI* Date/Time: 1/20/25 @ 1505
 Received by/Company Signature: *Michael Du Palle* Date/Time: 1/20/25 1505
 Received by/Company Signature: *Anthony Green* Date/Time: 1/20/25 0050
 Received by/Company Signature: *Anthony Green* Date/Time: JAN 20 2025 0220
 Received by/Company Signature: *Anthony Green* Date/Time: 1/21/25 0050

Page: 2 of 2

Submitting a sample via this chain of custody constitutes the client's acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/subs/pac-standard-terms.pdf>.
 01/21/25-0250

Pace Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Sciala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 236 6171 x32
 E-Mail: nick.sciala@terraphase.com
 Cx E-Mail: alexandra.sirochka@terraphase.com
 Customer Project #: P044.001.001 Invoice to:
 Project Name: BDH Invoice Email:
 Site Collection info/Facility ID (if applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: JAE JPT JMF JCT ET Country / State origin of sample(s):

LAB USE ONLY - Affix Workorder/Login Label Here
L2503263 28JAN25
TERRAPHASE

Specify Container Size **
 8 10 16
 Identify Container Preservation Type**
 5 1 1
 Analysis Requested
 Shortlist 1-5 VOCs (8260)
 Shortlist 1-5 SVOCs (8270)
 Lead (6010)

**Container Size: (1) 3L, (2) 500ml, (3) 250ml, (4) 100ml, (5) 400ml, (6) 900ml, (7) 500ml, (8) Terracore, (9) 500ml, (10) Other
 *** Preservation Type: (1) None, (2) HNO3, (3) H2O2, (4) HCl, (5) H2SO4, (6) Zn Acetate, (7) HNO3/H2O2, (8) Seal Through, (9) Acetic acid, (10) Meth, (11) Other

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable Reportable Yes No
 Level I Level II Level III Level IV
 EQUS
 Other
 Fresh (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____ DW PWSID # or WQF Permit # as applicable:
 Date Results Requested: Field Filtered (if applicable): Yes No
 Analyte:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil/GOI, Wipe (WP), Tissue (T), Runway (R), Vapor (V), Surface Water (SW), Sediment (SEd), Sludge (SL), Coal (CK), Leachate (LL), Blood (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Matrix Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Proj. Mgr.	Account / Client ID:	Table #:	Profile / Template:	Vialing / Bottle Cmt. ID:	Sample Comment	
			Date	Time	Date	Time													
21 401-MA3-1-61-CI-VOC	SO	G	1/21/25	10:45	1/21/25	10:45	4			X									
22 401-MA3-1-61-CI-comp		C		10:50		10:50	2				X	X							
23 401-MA3-1-69-CI-VOC		G		11:55		11:55	4			X									
24 401-MA3-1-69-CI-comp		C		12:00		12:00	2				X	X							
25 401-MA3-1-27-CI-VOC		G		13:25		13:25	4			X									
26 401-MA3-1-27-CI-comp		C		13:30		13:30	2				X	X							
27 401-MA3-1-26-CI-VOC		G		14:00		14:00	4			X									
28 401-MA3-1-26-CI-comp		C		14:05		14:05	2				X	X							

Additional Instructions from Pace*: Please send EDDs to EDD@terraphase.com
 Collected By: Samantha Chubb
 Printed Name: *Samantha Chubb*
 Signature: *[Signature]*
 Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by Company (Signature): *Morgan TFEI* Date/Time: 1/21/25 1440
 Relinquished by Company (Signature): *Michele M Pale* Date/Time: 1/21/25 1738
 Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/22/25 0000
 Relinquished by Company (Signature): *Anthony Green* Date/Time: 1/22/25 0000

Received by Company (Signature): *Michele M Pale* Date/Time: 1/21/25 1440
 Received by Company (Signature): *[Signature]* Date/Time: 1/21/25 1838
 Received by Company (Signature): *Anthony Green* Date/Time: 1/22/25 0000

Tracking Number: *1/21/25 1440*
 Delivered by: *()* in *()* to *()* at *()* in *()* at *()* in *()*
 Page: *1* of *1*

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace* Terms and Conditions found at <https://info.pacelabs.com/files/2019-standard-terms.pdf>
 1/22/25 0200
 01/22/25-0200
 ENV-FRM-COQ-0019_v02_110123 ©

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields.

Company Name: Terraphase Engineering Inc.
Contact/Person To: Nick Scala
Phone #: 609 236 8171 x82
E-Mail: nick.scala@terraphase.com
Dr. E-Mail: alexander.sirohi@terraphase.com

Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Customer Project #: P044.001.001
Project Name: BDH

Site Collection Info/Facility # (if applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET

County / State origin of sample(s): Phila., PA

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW PWSID (for WW Permit # as applicable): _____
Field Filtered (if applicable): Yes No
Analysis: _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Pervort (P), Soil/Solid (SL, OL, DL), Waste (WP), Tissue (TS), Blottery (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Oxygen		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Test Code	Sample Comment
			Date	Time	Date	Time		Result	Units					
401-MA3-1-25-C1-VOC	SO	G	1/22/25	12:10	1/22/25	12:10	4			X				
401-MA3-1-25-C2-COMP		C		12:15		12:15	2				X	X		
401-MA3-1-25-C2-VOC		G		12:20		12:20	4			X				
401-MA3-1-25-C2-COMP		C		12:25		12:25	2				X	X		
401-MA3-1-25-C3-VOC		G		12:30		12:30	4			X				
401-MA3-1-25-C3-COMP		C		12:35		12:35	2				X	X		
401-MA3-1-25-C4-VOC		G		12:40		12:40	4			X				
401-MA3-1-25-C4-COMP		C		12:45		12:45	2				X	X		
401-MA3-1-25-C5-VOC		G		12:50		12:50	4			X				
401-MA3-1-25-C5-COMP	✓	C	✓	12:55	✓	12:55	2				X	X		

Additional Instructions from Pace®: SDG # 0 L2503263
Please send EDDs to EDD@terraphase.com

Collected by: Samantha Chubb
Printed Name: Samantha Chubb
Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): [Signature] **Date/Time:** 1/22/25 16:30

Received by/Company (Signature): [Signature] **Date/Time:** 1/22/25 18:36

Received by/Company (Signature): Anthony Green **Date/Time:** JAN 22 2025 2300

Received by/Company (Signature): [Signature] **Date/Time:** 1/23/25 0100

Tracing number: _____
Printed by: _____
Date/Time: _____

Page: 2 of 4



LAB USE ONLY - Affix Workorder/Login Label Here

L2503263

Scan QR Code for Instructions

Specify Container Size **

B	10	10							
---	----	----	--	--	--	--	--	--	--

Identify Container Preservation Type ***

I	1	1							
---	---	---	--	--	--	--	--	--	--

Analysis Requested

** Containers Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) 5mL vial, (8) TerraCure, (9) 95mL, (10) Other

*** Preservation Types: (1) None, (2) HDPE, (3) HDPE, (4) HDPE, (5) HDPE, (6) In Acetate, (7) NaOH, (8) Sed. Microfibre, (9) Amorph. Acid, (10) NaOH, (11) Other

Lab Test Code

(X) Mgr: _____
Action / Code ID: _____
Title: _____
Profile / Template: _____
Flags / Bottle Ord. ID: _____

Preservation non-conformances identified for sample

29
30
31
32
33
34
35
36
37
38

[Signature] 1/23/25 0300

01/23/25-0300

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a FEDERAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Contact/Report To: Nick Scala
Phone #: 609 236 6171 x92
E-Mail: nick.scala@terraphase.com
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AE PT MT CT ET
Country / State origin of sample(s): Phila., PA
Data Deliverables: Level 9 Level 8 Level 7
 EOUS
 Other
Regulatory Program (DWR, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW PWSID # or WW Permit # as applicable: _____
Field Filtered (if applicable): Yes No
Analysis: _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (O), Wipe (WP), Tissue (TS), Residue (R), Vapor (V), Surface Water (SW), Sediment (SD), Skidge (SL), Carik (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
401-MA3-1-17-C1-VOC	SO	G	1/22/24	13:40	1/22/24	13:40	4		X			
401-MA3-1-17-C1-COMP		C		13:45		13:45	2		X	X		
401-MA3-1-16-C2-VOC		G		15:45		15:45		X				
401-MA3-1-16-C1-COMP		C		15:50		15:50			X	X		
401-MA3-1-16-C2-VOC		G		15:55		15:55		X				
401-MA3-1-16-C2-COMP		C		16:00		16:00			X	X		
/	/	/	/	/	/	/	/	/	/	/	/	/

Additional Instructions from Pace®: SOG # 8 L2503263
Please send EDDs to EDD@terraphase.com

Collected by: Samantha Chubb
Signature: *Sally Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company (Signature): *Anthony Green* **Date/Time:** 1/22/25 16:30
Relinquished by/Company (Signature): *Anthony Green* **Date/Time:** 1/22/25 18:30
Relinquished by/Company (Signature): *Anthony Green* **Date/Time:** 1/22/25 0100

Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/22/25 16:30
Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/22/25 18:30
Received by/Company (Signature): *Anthony Green* **Date/Time:** JAN 22 2025 (2503)
Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/23/25 0100

Tracking System: Generated by: [] In Person [] Counter [] Tablet [] UPS [] Other

Page: 2 of 2



LAB USE ONLY - Affix Workorder Login Label Here

L2503263

Scan QR Code for instructions

Specify Container Size**

8	10	10					
---	----	----	--	--	--	--	--

Identify Container Preservative Type***

1	1	1					
---	---	---	--	--	--	--	--

Analysis Requested

Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)							
---------------------------	----------------------------	-------------	--	--	--	--	--	--	--

***** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 80mL, (7) 50mL, (8) TerraCone, (9) 90mL, (10) Other**

***** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaOH/DA, (8) 30% Thiourea, (9) Ascorbic Acid, (10) HNO3, (11) Other**

LAB USE ONLY

Prevention equi-conformance identified for samples

1/24/25

L2503263 30JAN25
TERRAPHASE

Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scale
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609 238 8171 x52
Customer Project #: PQ44.001.001 **Project Name:** BDH **Site Collection Info/Facility ID (as applicable):** 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AEC PT MT CT ET **County / State origin of sample(s):** Phila., PA

Data Deliverables: Level I Level II Level IV EQUS Other _____
Regulatory Program (DWR, RCRA, etc.) as applicable: _____ **Reportable:** Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____ **DW/PSWD # or VW Permit # as applicable:** _____
Date Results Requested: _____ **Field Filtered (if applicable):** Yes No **Analysis:** _____

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Ambient (A), Soil/Solid (SS), Oil (OI), Wipe (WP), Rosen (RO), Business (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cask (CK), Leachate (L), Bioreactor (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Revised Order	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservation near-compliance identified for samples
			Date	Time	Date	Time						
45 401-MA3-1-17-C1-VOL	SO	G	1/23/24	9:55	1/23/24	9:55	4		X			
46 401-MA3-1-11-C1-COMP		C		10:00		10:00	2		X	X		
47 401-MA3-1-11-C2-VOL		G		10:05		10:05	4		X			
48 401-MA3-1-11-C2-COMP		C		10:10		10:10	2		X	X		
49 401-MA3-1-10-C1-VOL		G		10:55		10:55	4		X			
50 401-MA3-1-10-C1-COMP		C		11:00		11:00	2			X	X	
51 401-MA3-1-10-C2-VOL		G		11:05		11:05	4		X			
52 401-MA3-1-10-C2-COMP		C		11:10		11:10	2			X	X	
53 401-MA3-1-10-C3-VOL		G		11:15		11:15	4		X			
54 401-MA3-1-10-C3-COMP		C		11:20		11:20	2			X	X	

Additional Instructions from Pace®: SDG # 2503263 **Collected by:** Samantha Chubb
 Please send EDDs to EDD@terraphase.com **Signature:** [Signature]

Customer Remarks / Special Conditions / Possible Hazards: _____
 # Copies: _____ Preservation ID: _____ Service Entry ID: _____ Obj. Name: _____ Computed Terms: _____ E / On/Off: _____

Received by/Company (Signature): <i>Marion Mowen TEI</i>	Date/Time: 1/23/25 @ 1614	Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/23/25 1614	Tracking Number:
Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/23/25 1857	Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/23/25 1857	Detected by: <input type="checkbox"/> Lab <input type="checkbox"/> Field <input type="checkbox"/> Other
Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/23/25 0100	Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: JAN 23 2025 2100	<input type="checkbox"/> Field <input type="checkbox"/> Lab <input type="checkbox"/> Other
Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: 1/23/25 0100	Received by/Company (Signature): <i>[Signature]</i>	Date/Time: 1/24/25 0100	Page: 1 of 4

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/files/pacelabs-terms.pdf>

1/24/25 0300 *[Signature]* 1/24/25 0300 *[Signature]*

1/24/25
1/24/25
CNS

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**
CHAIN-OF-CUSTODY Analytical Request Document
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - ARIS Workcenter Login Local Here



L2503263

Scan QR Code for instructions

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET
County/State origin of sample(s): Phila, PA

Data Deliverables:
 Level # Level # Level IV
 BASIS
 Other _____
Regulatory Program (DWR, RCRA, etc.): as applicable Reportable Yes No
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW PWSID # or WW Permit # as applicable: _____
Field Filtered (if applicable): Yes No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P, Sol/Solid (SS), OR (OL), Wipe (WPE), Tissue (TS), Biossay (B), Vapor (V), Surface Water (SW), Sediment (S-D), Sludge (SL), Canik (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Choice		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
-55 401-MA3-1-10-C4-VDC	SO	G	1/23/25	11:25	1/23/25	11:25	4			X			
-56 401-MA3-1-10-C4-COMP		C		11:30		11:30	2				X	X	
-57 401-MA3-1-10-C5-VDC		G		11:35		11:35	4			X			
-58 401-MA3-1-10-C5-COMP		C		11:40		11:40	2				X	X	
-59 401-MA3-1-09-C1-VDC		G		12:45		12:45	4			X			
-60 401-MA3-1-09-C1-COMP		C		12:50		12:50	2				X	X	
-61 401-MA3-1-09-C2-VDC		G		12:55		12:55	4			X			
-62 401-MA3-1-09-C2-COMP		C		13:00		13:00	2				X	X	
-63 401-MA3-1-09-C3-VDC		G		13:05		13:05	4			X			
-64 401-MA3-1-09-C3-COMP		C		13:10		13:10	2				X	X	

Additional Instructions from Pace®: SDS # 2503263
 Please send EDDs to EDD@terraphase.com
Collected By: Samantha Chubb
 Signature: *S. Chubb*

Specify Container Size **				Identify Container Preservative Type***				Analysis Requested					
8	10	10		1	1	1							

Proj. Mgr.: _____
Account / Client ID: _____
Table #: _____
Profile / Template: _____
Printng / Bottle Ord. ID: _____

Received by/Company (Signature): <i>Maura TEI</i>	Date/Time: 1/23/25 @ 1614	Received by/Company (Signature): <i>PACT</i>	Date/Time: 1/23/25 1614	Tracking Number: _____ Delivered by: <input type="checkbox"/> LR <input type="checkbox"/> Perish <input type="checkbox"/> <input type="checkbox"/> Courier <input type="checkbox"/> Fedex <input type="checkbox"/> UPS <input type="checkbox"/> Other
Received by/Company (Signature): _____	Date/Time: 1/23/25 1857	Received by/Company (Signature): _____	Date/Time: 1/23/25 1857	
Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: 1/23/25 0100	Received by/Company (Signature): <i>Anthony Green</i>	Date/Time: JAN 23 2025 0135	
Received by/Company (Signature): _____	Date/Time: 1/24/25 0300	Received by/Company (Signature): _____	Date/Time: 1/24/25 0100	

1/24/25

Pace® Location Requested (City/State):
Folcroft, Pennsylvania

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
 Street Address:
 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Project Name:
 BDH

Site Collection info/facility ID (as applicable):
 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET


Contact/Report To: Nick Scala
 Phone # 609 236 8171 x92
 E-Mail: nick.scala@terraphase.com
 Ec E-Mail: alexander.stroh@terraphase.com

Invoice to:
 Invoice E-mail:

Purchase Order # (if applicable):
 Quote #:

Country / State origin of sample(s): Phila, PA

LAB USE ONLY - Affix Workorder/Login Label Here



L2503263

Scan QR Code for instructions

Data Deliverables:
 Level II Level III Level IV
 EQUIS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable:
 Reportable Yes No

Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____

Date Results Requested:

DW PWSID (for VW Permit # as applicable):
 Field Filtered (if applicable): Yes No
 Analysis:

Specify Container Size **

8	10	10					
---	----	----	--	--	--	--	--

Identify Container Preservative Type***

1	2	1					
---	---	---	--	--	--	--	--

Analysis Requested

Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)																		
---------------------------	----------------------------	-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Pro. Mgr:
 Acct Num / Client ID:
 Table #:
 Profile / Template:
 Print / Bottle Ord. ID:

Sample Comment

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Remedy (R), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cable (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Oxidize		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)																														
			Date	Time	Date	Time		Result	Units																																	
401-MA3-1-09-C4-VOC	So	G	1/23/25	13:15	1/23/25	13:15	4			X																																
401-MA3-1-09-C4-COMP		C		13:20		13:20	2				X	X																														
401-MA3-1-09-C5-VOC		G		13:25		13:25	4			X																																
401-MA3-1-09-C5-COMP		C		13:30		13:30	2				X	X																														
401-MA3-1-12-C1-VOC		G		14:40		14:40	4			X																																
401-MA3-1-12-C1-COMP		C		14:45		14:45	2				X	X																														
401-MA3-1-12-C2-VOC		G		14:50		14:50	4			X																																
401-MA3-1-12-C2-COMP		C		14:55		14:55	2				X	X																														
401-MA3-1-13-C1-VOC		G		15:30		15:30	4			X																																
401-MA3-1-13-C1-COMP		C		15:35		15:35	2				X	X																														

Additional instructions from Pace®: SDG # 2503263
 Please send EDDs to EDD@terraphase.com

Collected By: Jamantha Chubb
 Printed Name: Jamantha Chubb
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

Color: _____ Temperature: _____ Corrected Factor: _____ Obs. Temp: _____ Corrected Temp: _____ On Log

Received by/Company (Signature): <u>Maurice Moore TEI</u>	Date/Time: <u>1/23/25 1614</u>	Received by/Company (Signature): <u>[Signature]</u>	Date/Time: <u>1/23/25 1614</u>	Tracking Number:
Received by/Company (Signature): <u>[Signature]</u>	Date/Time: <u>1/23/25 1851</u>	Received by/Company (Signature): <u>[Signature]</u>	Date/Time: <u>1/23/25 1851</u>	Delivered by: <input type="checkbox"/> In Person <input type="checkbox"/> Courier
Received by/Company (Signature): <u>Anthony Green</u>	Date/Time: <u>1/24/25 0100</u>	Received by/Company (Signature): <u>Anthony Green</u>	Date/Time: <u>1/24/25 0100</u>	<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other

1/24/25

Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scilio
Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609 236 8171 x92
Customer Project #: P044.001.001 **E-Mail:** nick.scilio@terraphase.com
Project Name: BDH **Invoiced to:** **Invoice E-mail:**
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA **Purchase Order # (if applicable):**
Order Zone Collected: AK PT MT CT ET **County / State origin of samples:** phila, PA **Order #:**
Data Deliverables: Level I Level II Level IV **Regulatory Program (DW, RCRA, etc.) as applicable:** Reportable Yes No
 EQUIS **Rush (Pre-approval required):** Same Day 1 Day 2 Day 3 Day Other _____ **DW PWSID # or WW Permit # as applicable:**
 Other **Date Results Requested:** **Field Filtered (if applicable):** Yes No **Analysis:**
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solid (S), Oil (O), Wire (WP), Tissue (T), Slurry (B), Vapor (V), Surface Water (SW), Sediment (SES), Sludge (SL), Cask (CK), Leachate (L), Bleach (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Result	Units					
75 76 401-MA3-1-13-C2-VOL	SO	G	1/23/25	15:40	1/23/25	15:40	4			X				
401-MA3-1-13-C2-COMP	↓	C	↓	15:45	↓	15:45	2				X	X		

Additional Instructions from Pace®: SDG # 2503263
 Please send EDDs to EDD@terraphase.com

Collected by: Samantha Chubb
 Signature: *S. Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *Manissa Mawren TEI* **Date/Time:** 1/23/25 @ 1614
Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/23/25
Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/23/25 0100
Received by/Company (Signature): *Anthony Green* **Date/Time:** 1/24/25 0300

Tracking Number:
Delivered by: In-Person Courier
 FedEx UPS Other
Page: 4 of 4



L2503263

Scan QR Code for instructions

Specify Container Size **
 8 10 10
Identify Container Preservative Type**
 1 1 1
Analytic Requested


**** Container Size:** (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) In-Care, (8) TerraCone, (9) 90mL, (10) Other
***** Preservative Types:** (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) HAcOH, (6) Zn Acetate, (7) H2O2/DA, (8) Sead, (9) Wastwater, (9) Acetic Acid, (10) NaOH, (11) Other

Lab Use Only
 Proj. Mgr:
 ActNum / Client ID:
 Table #:
 Profile / Template:
 Prelog / Bottle Ord.: 0
Preservative non-conformance identified for sample

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Logix Label Here

 **L2503263**
Scan QR Code for instructions

Company Name: Terraphase Engineering Inc. (TEI)
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET
Country/State origin of sample(s): Phila, PA

Contact/Report To: Nick Scala
Phone #: 609 236 8171 x82
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.stroch@terraphase.com

Invoice to:
Invoice E-mail:

Purchase Order # (if applicable):
Quote #:

Data Deliverables:
 Level I Level II Level III
 EDDs
 Other

Regulatory Program (DW, RCRA, etc.) as applicable:
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested:
 Same Day 1 Day 2 Day 3 Day Other _____

Reportable: Yes No
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): Yes No
Analysis:

***Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SS), Oil (OI), Wipe (WP), Tissue (TS), Biosoy (BL), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leadline (LL), Bleach (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservation non-conformance identified for sample
			Date	Time	Date	Time						
77 401-MA3-1-14-C1-VOC	So	G	1/24/25	8:55	1/24/25	8:55	4		X			
78 401-MA3-1-14-C1-COMP		C		9:00		9:00	2		X	X		
79 401-MA3-1-14-C2-VOC		G		9:05		9:05	4		X			
80 401-MA3-1-14-C2-COMP		C		9:10		9:10	2		X	X		
81 401-MA3-1-44-C1-VOC		G		10:35		10:35	4		X			
82 401-MA3-1-44-C1-COMP		C		10:40		10:40	2		X	X		
83 401-MA3-1-44-C2-VOC		G		10:45		10:45	4		X			
84 401-MA3-1-44-C2-COMP		C		10:50		10:50	2		X	X		
85 401-MA3-1-44-C3-VOC		G		10:55		10:55	4		X			
86 401-MA3-1-44-C3-COMP		C		11:00		11:00	2		X	X		

Additional Instructions from Pace®: SDG # L2503263
Please send EDDs to EDD@terraphase.com

Collected By: Samantha Chubb
Printed Name: Samantha Chubb
Signature: *Sat Ch*

Customer Remarks / Special Conditions / Possible Hazards:

Resubmitted by (Company): *Maxine Mawyer TEI*
Date/Time: 1/24/25 @ 1650

Resubmitted by (Company): *Michelle Ovi Pace*
Date/Time: 1/24/25 1830

Resubmitted by (Company): *Anthony Sapan*
Date/Time: 1/24/25 0110

Resubmitted by (Company): *Anthony Sapan*
Date/Time: 1/25/25 0310

Received by (Company): *Michelle Ovi Pace*
Date/Time: 1/24/25 1650

Received by (Company): *Anthony Sapan*
Date/Time: 1/24/25 1830

Received by (Company): *Anthony Sapan*
Date/Time: 1/25/25 0310

Tracking Number:
Delivered by: Fed-Ex UPS Other
Page: 1 of 5

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here
L2503263
Scan QR Code for instructions

Company Name: Terraphase Engineering Inc. Contact/Event To: Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Phone #: 609 236 8171 x92
E-Mail: nick_scala@terraphase.com
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET
Country / State origin of sample(s): **Phila PA**

Data Deliverables:
 Level B Level B Level IV
 EQUS
 Other

Regulatory Program (DWR, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other
Date Results Requested:
Field Filtered (if applicable): Yes No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (PL), Soil/Solid (SO), Oil (OL), Wipe (WP), Tissue (TS), Slurry (SL), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cask (CK), Leachate (LL), Residue (RS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Lab Use Only	Preservation non-conformance identified for sample
			Date	Time	Date	Time		Result	Units					
87 401-MA3-1-44-C4-VOC	So	G	1/24/25	11:05	1/24/25	11:05	4			X				
88 401-MA3-1-44-C4-comp		C		11:10		11:10	2				X	X		
89 401-MA3-1-44-C5-VOC		G		11:15		11:15	4			X				
90 401-MA3-1-44-C5-comp		C		11:20		11:20	2				X	X		
91 401-MA3-1-18-C1-VOC		G		1245		1245	4			X				
92 401-MA3-1-18-C1-comp		C		1250		1250	2				X	X		
93 401-MA3-1-18-C2-VOC		G		1255		1255	4			X				
94 401-MA3-1-18-C2-comp		C		1300		1300	2				X	X		
95 401-MA3-1-18-C3-VOC		G		1305		1305	4			X				
96 401-MA3-1-18-C3-comp		C		1310		1310	2				X	X		

Additional Instructions from Pace®: **SDG # L2503263**
Please send EDDs to EDD@terraphase.com

Collected By: **Sarragtha Chubb**
Printed Name: **Sarragtha Chubb**
Signature: *Sarragtha Chubb*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): **Marion Mawer TEI** Date/Time: **1/24/25 @ 1050**
Received by/Company (Signature): **Michelle Aeri Pace** Date/Time: **1/24/25 1230**
Received by/Company (Signature): **Anthony Green** Date/Time: **1/24 1125/25 @ 110**

Received by/Company (Signature): **Michelle Aeri Pace** Date/Time: **1/24/25 1050**
Received by/Company (Signature): **Anthony Green** Date/Time: **1/24 1130**
Received by/Company (Signature): **Anthony Green** Date/Time: **JAN 24 2025 2130**

Tracking Number:
Delivered By: FedEx UPS Other
Page: **2 of 5**

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

01/25/25-0310

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Log In Label Here
L2503263
Scan QR Code for instructions

Company Name: Terraphase Engineering Inc. Contact/Report To: Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Phone #: 609 236 8171 x82
E-Mail: nick.scala@terraphase.com
Customer Project #: P044.001.001
Project Name: BDH
Site Collection info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET
County / State origin of sample(s): **Phila, PA**

Data Deliverables: Level II Level III Level IV
 EODS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other
Date Results Requested:
Field Filtered (if applicable): Yes No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SS, SI, SO), Wipe (WP), Tissue (TS), Biosay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cask (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume:		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Pres. Mgt.	AcctNum / Client ID:	Table #	Profile / Template	Filing / Bottle Ord. ID	Sample Comment
			Date	Time	Date	Time		Result	Units									
97 401-MA3-1-18-C4-VOC	So	G	1/24/25	1315	1/24/25	1315	4			X								
98 401-MA3-1-18-C4-comp		C		1320		1320	2				X	X						
99 401-MA3-1-18-C5-VOC		G		1325		1325	4			X								
100 401-MA3-1-18-C5-comp		C		1330		1330	2				X	X						
101 401-MA3-1-20-C1-VOC		G		1420		1420	4			X								
102 401-MA3-1-20-C1-comp		C		1425		1425	2				X	X						
103 401-MA3-1-20-C2-VOC		G		1430		1430	4			X								
104 401-MA3-1-20-C2-comp		C		1435		1435	2				X	X						
105 401-MA3-1-20-C3-VOC		G		1440		1440	4			X								
106 401-MA3-1-20-C3-comp		C		1445		1445	2				X	X						

Additional instructions from Pace®: **JDG # L2503263**
Please send EDDs to EDD@terraphase.com

Collected By: **Samantha Chubb**
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): **Michael Pace** Date/Time: **1/24/25 11:50**
Received by/Company (Signature): **Anthony Green** Date/Time: **1/24/25 18:30**
Received by/Company (Signature): **Anthony Green** Date/Time: **1/25/25 01:10**
Received by/Company (Signature): **[Signature]** Date/Time: **1/25/25 03:10**

Tracking Number: **JAN 24 2025 2130**
Delivered By: W. Parcel Courier
 FedEx UPS Other

Page: **3** of **5**

Handwritten: **01/25/25-0310**

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a FEDERAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here
L2503263
Scan QR Code for Instructions

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (in applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AK PT MT CT ET
County / State origin of sample(s): **Phila, PA**

Contact/Report To: Nick Scala
Phone #: 609 236 6171 x82
E-Mail: nick.scala@terraphase.com
Cr E-Mail: alexander.strohl@terraphase.com

Invoice to:
Invoice E-mail:
Purchase Order # (if applicable):
Quote #:

Data Deliverables:
 Level II Level III Level IV
 EQUIS
 Other:

Regulatory Program (DWR, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other:
Date Results Requested:
DWR PWSID # or V/W Permit # as applicable:
Field Filtered (if applicable): Yes No
Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), DE (DG), Wipe (WP), Tissue (TS), Airway (RL), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CX), Leachate (L), Biobold (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Preservation info-conformance identified for sample
			Date	Time	Date	Time		Result	Units				
107 401-MA3-1-20-C4-VDC	So	G	1/24/25	1450	1/24/25	1450	4			X			
108 401-MA3-1-20-C4-COMP		C		1455		1455	2			X	X		
109 401-MA3-1-20-C5-VDC		G		1500		1500	4			X			
110 401-MA3-1-20-C5-COMP		C		1505		1505	2			X	X		
111 401-MA3-1-22-C1-VDC		G		1540		15:40	4			X			
112 401-MA3-1-22-C1-COMP		C		1545		15:45	2			X	X		
113 401-MA3-1-22-C2-VDC		G		1550		15:50	4			X			
114 401-MA3-1-22-C2-COMP		C		1555		15:55	2			X	X		
115 401-MA3-1-22-C3-VDC		G		1600		16:00	4			X			
116 401-MA3-1-22-C3-COMP		C		1605		16:05	2			X	X		

Additional Instructions from Pace®: SDG # L2503263
Please send EDDs to EDD@terraphase.com

Collected By: Printed Name: **Samantha Chubb**
Signature: *S. Chubb*

Customer Remarks / Special Conditions / Possible Hazards:
Orders: _____ Disinfectant: Calibrated Filled Obs Temp: Corrected Temp: Devise

Relinquished by/Company (Signature): <i>Maryann Mowrey TEI</i> Date/Time: 1/24/25 @ 16:50	Received by/Company (Signature): <i>Michelle Ann Rau</i> Date/Time: 1/24/25 1450	Tracking Number:
Relinquished by/Company (Signature): <i>Michelle Ann Rau</i> Date/Time: 1/24/25 1830	Received by/Company (Signature): <i>Anthony Green</i> Date/Time: 1/24/25 1830	Ordered by: L: [] B: [] P: [] T: [] C: []
Relinquished by/Company (Signature): <i>Anthony Green</i> Date/Time: 1/24	Received by/Company (Signature): <i>Michelle Ann Rau</i> Date/Time: 01/25/25 0310	Page: 4 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>.

ENV-FRM-CORQ-0019_v02_110123_01

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



L2503263

Scan QR Code for instructions

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET
County / State origin of samples: Phila., PA
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [] Yes [] No.
Rush (Pre-approval required): [] Same-Day [] 1 Day [] 2 Day [] 3 Day Other _____
Date Results Requested: _____
Field Filtered (if applicable): [] Yes [] No
Analysis: _____

Specify Container Size **
8 10 16
Matrix Container Preservative Type***
1 1 1
Analysis Requested
Shortlist 1-5 VOCs (8260)
Shortlist 1-5 SVOCs (8270)
Lead (6010)
Prep Mgr:
Accession / Client ID:
Table #:
Formfile / Template:
Prelog / Bottle Ord. / OI:
Sample Comment

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chain		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Utility				
117 401-MA3-1-22-C4-VOL	SG	G	1/24/25	1610	1/24/25		4			X			
118 401-MA3-1-22-C4-COMP	↓	C	↓	1615	↓		2				X	X	
119 401-MA3-1-22-C5-VOL	↓	G	↓	1620	↓		4			X			
120 401-MA3-1-22-C5-COMP	↓	C	↓	1625	↓		2				X	X	

Additional Instructions from Pace*: SDG # L2503263
Please send EDDs to EDD@terraphase.com
Collected By: Printed Name: Samantha Chubb
Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:
SUPPLY Temperature (°C) Collection Speed (C) Site Temp (°C) Collection Temp (°C) T.O. Vol

Received by/Company (Signature): [Signature] Date/Time: 1/24/25 1650
Received by/Company (Signature): [Signature] Date/Time: 1/24/25 1730
Received by/Company (Signature): [Signature] Date/Time: 1/25/25 0110

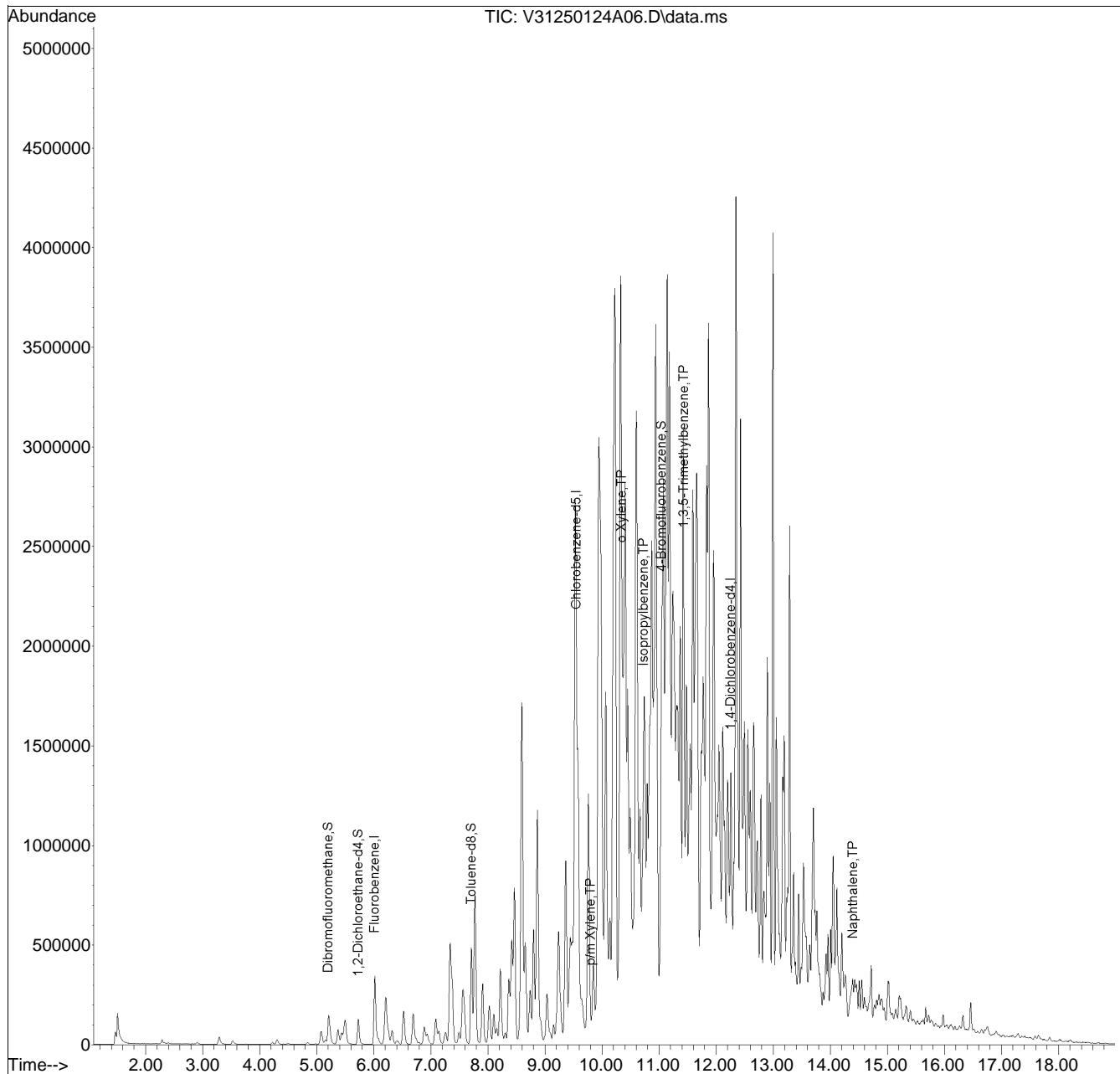
Received by/Company (Signature): [Signature] Date/Time: 1/24/25 1650
Received by/Company (Signature): [Signature] Date/Time: 1/25/25 2130
Received by/Company (Signature): [Signature] Date/Time: 1/25/25 0110
Tracking Number:
Delivered by: [] St Person [] Courier
[] FARD [] UPS [] Other

Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124A\
Data File : V31250124A06.D
Acq On : 24 Jan 2025 12:46 pm
Operator : VOA131:JIC
Sample : L2503263-01D,31H,5.56,5,0.01,,A,30.14,36.20,0
Misc : WG2023969,ICAL21866
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 26 22:30:53 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

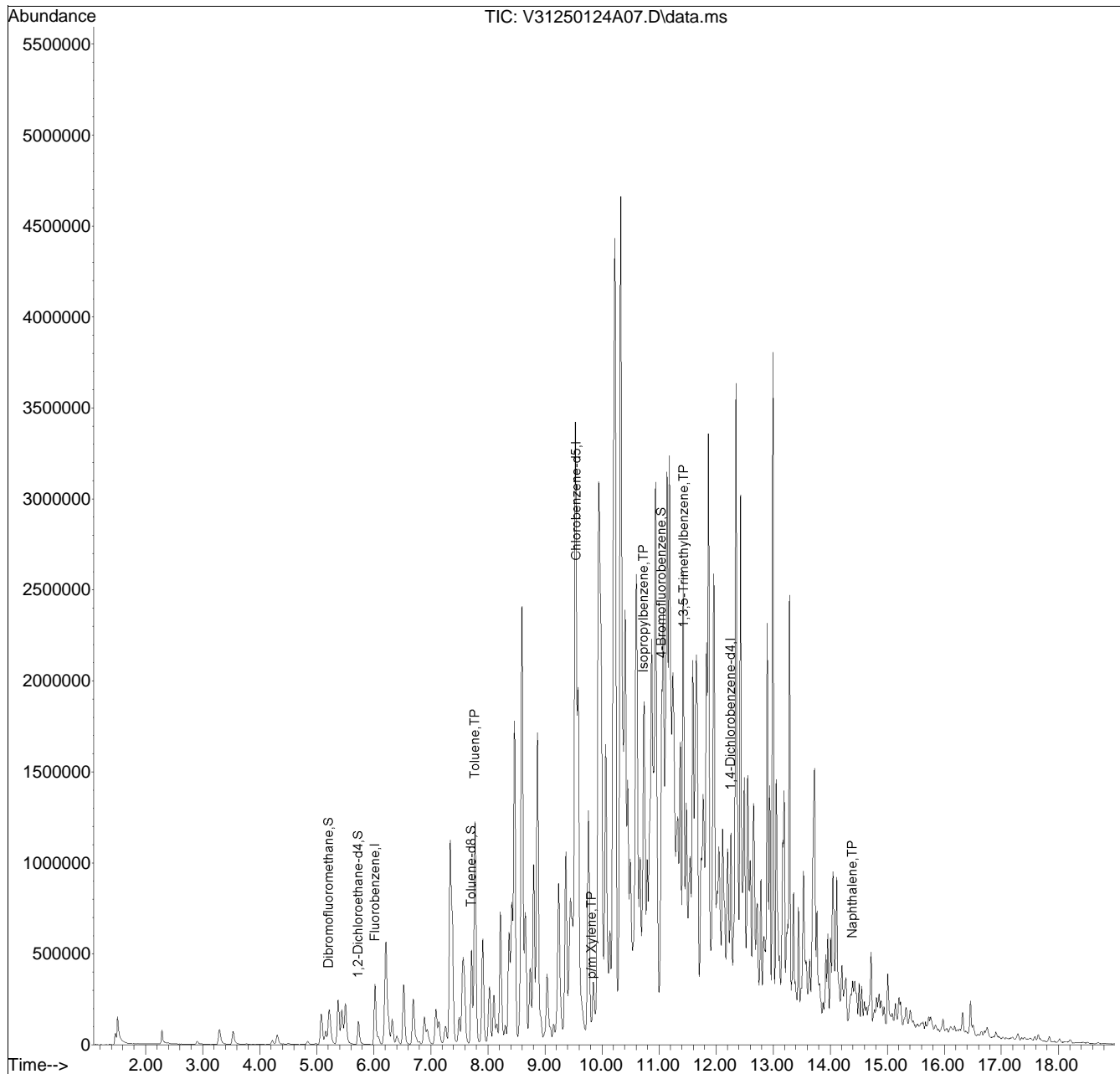


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124A\
Data File : V31250124A07.D
Acq On : 24 Jan 2025 01:09 pm
Operator : VOA131:JIC
Sample : L2503263-03D,31H,5.29,5,0.01,,A,30.37,36.16,0
Misc : WG2023969,ICAL21866
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 26 22:31:23 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

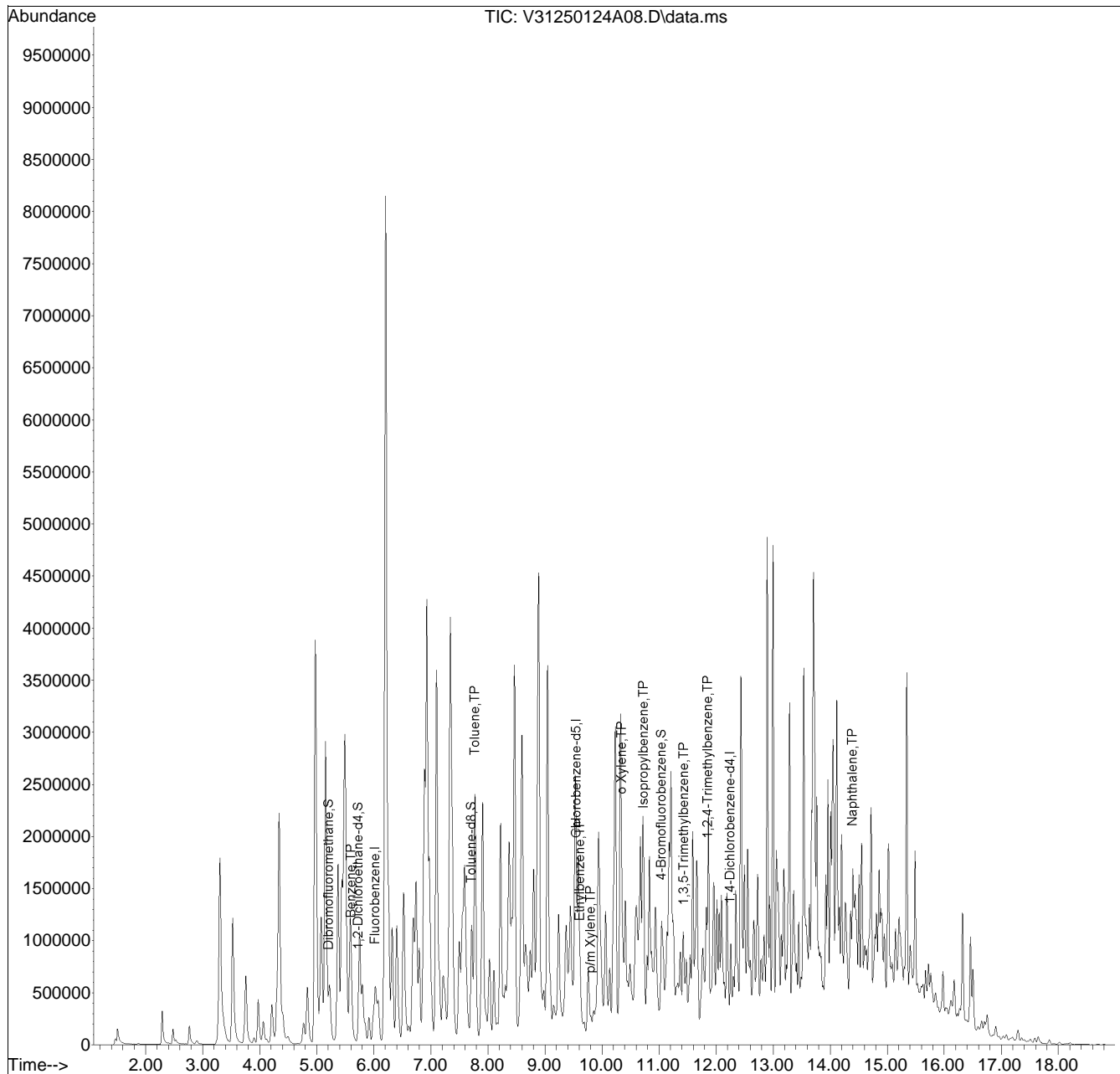


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124\
 Data File : V31250124A08.D
 Acq On : 24 Jan 2025 01:31 pm
 Operator : VOA131:JIC
 Sample : L2503263-07D,31H,6.23,5,0.05,,A,30.19,36.92,0
 Misc : WG2023969,ICAL21866
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 26 22:31:49 2025
 Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

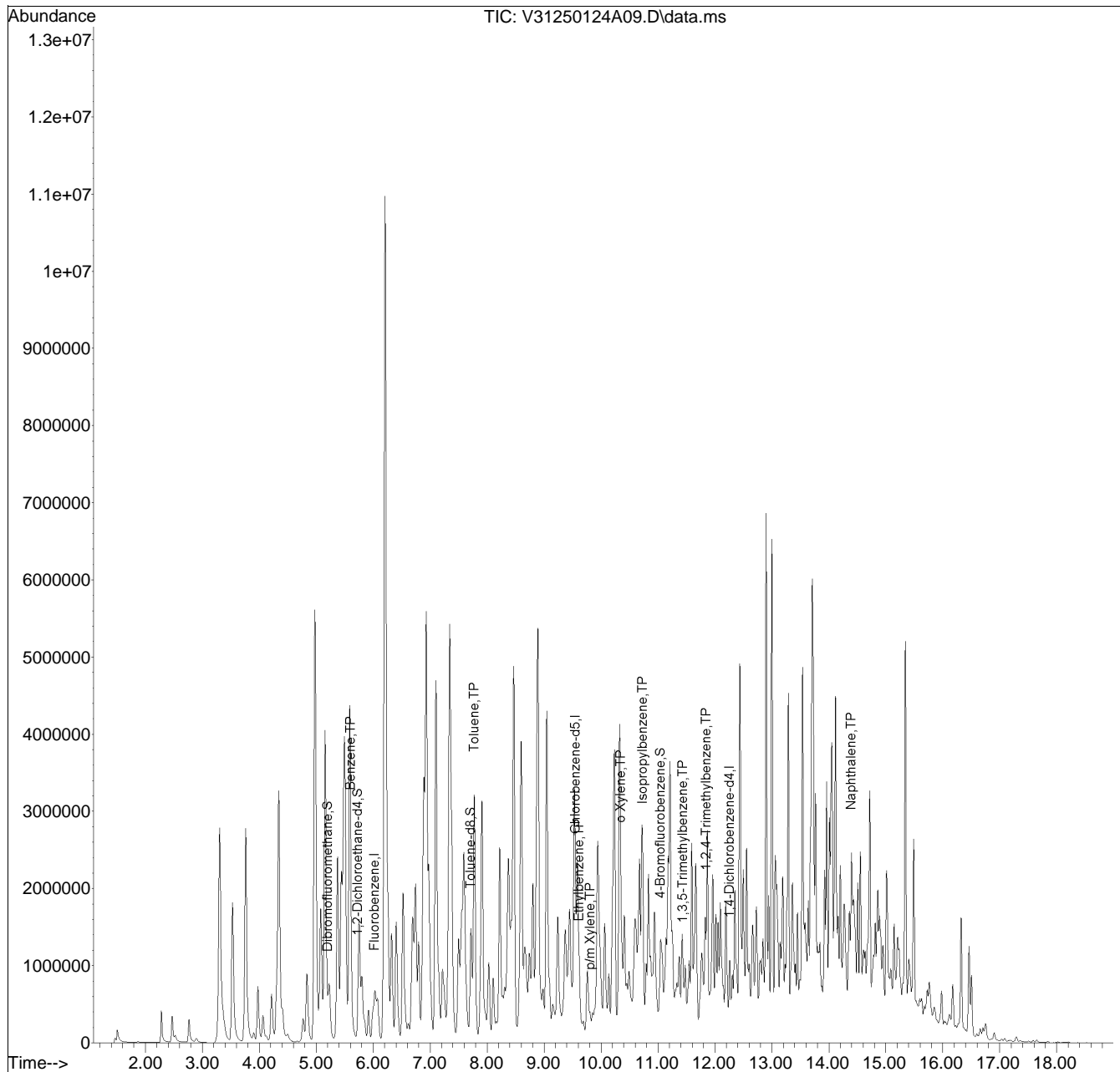


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124\
Data File : V31250124A09.D
Acq On : 24 Jan 2025 01:54 pm
Operator : VOA131:JIC
Sample : L2503263-09D,31H,6.65,5,0.05,,A,30.29,37.44,0
Misc : WG2023969,ICAL21866
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 26 22:32:13 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

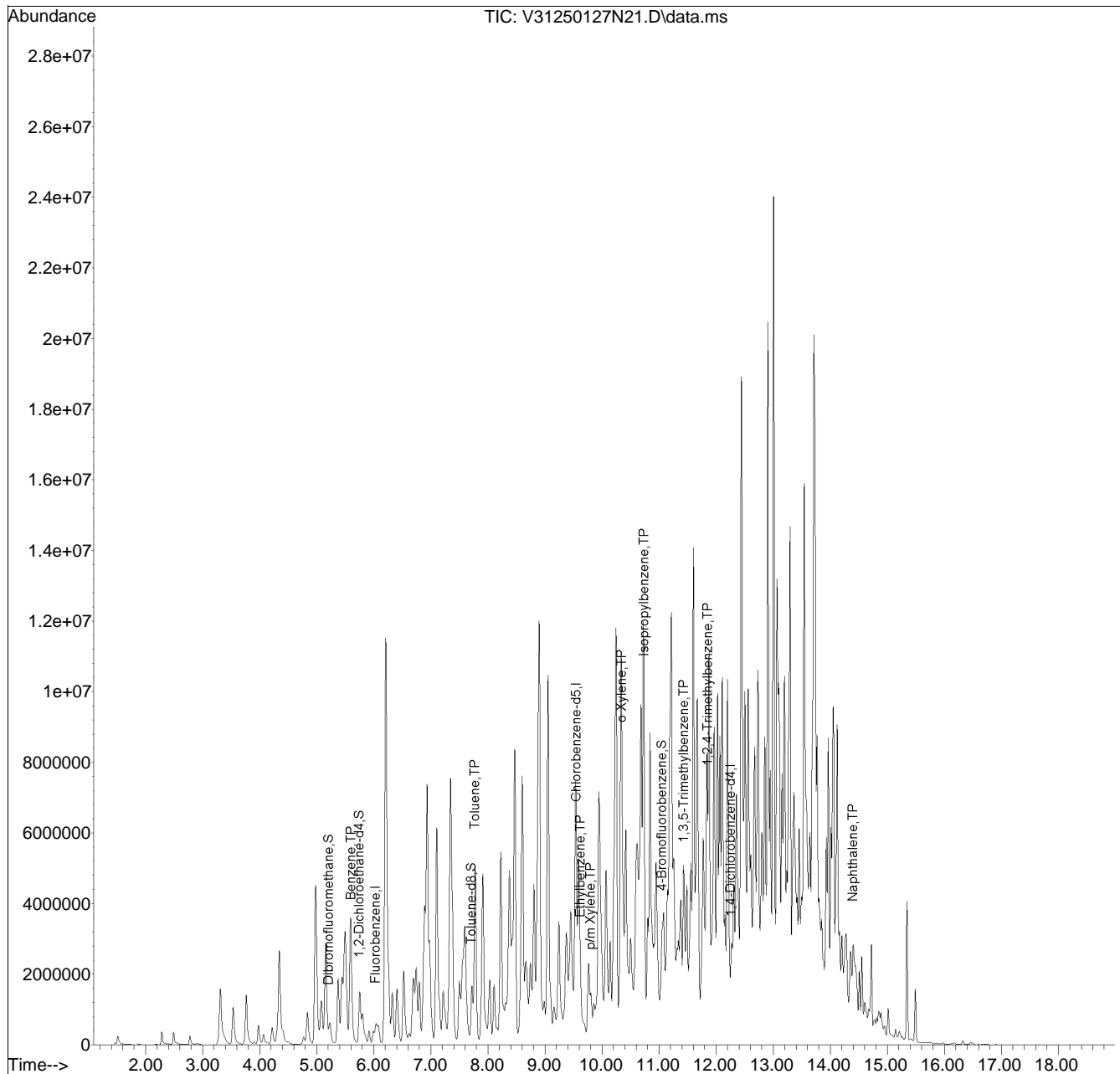


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250127N\
Data File : V31250127N21.D
Acq On : 28 Jan 2025 02:21 am
Operator : VOA131:JIC
Sample : L2503263-11,31,5.83,5,,B,32.88,38.96,0.25
Misc : WG2024337,ICAL21866
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 28 10:01:01 2025
Quant Method : K:\VOA131\2025\250127N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list127N01.D•

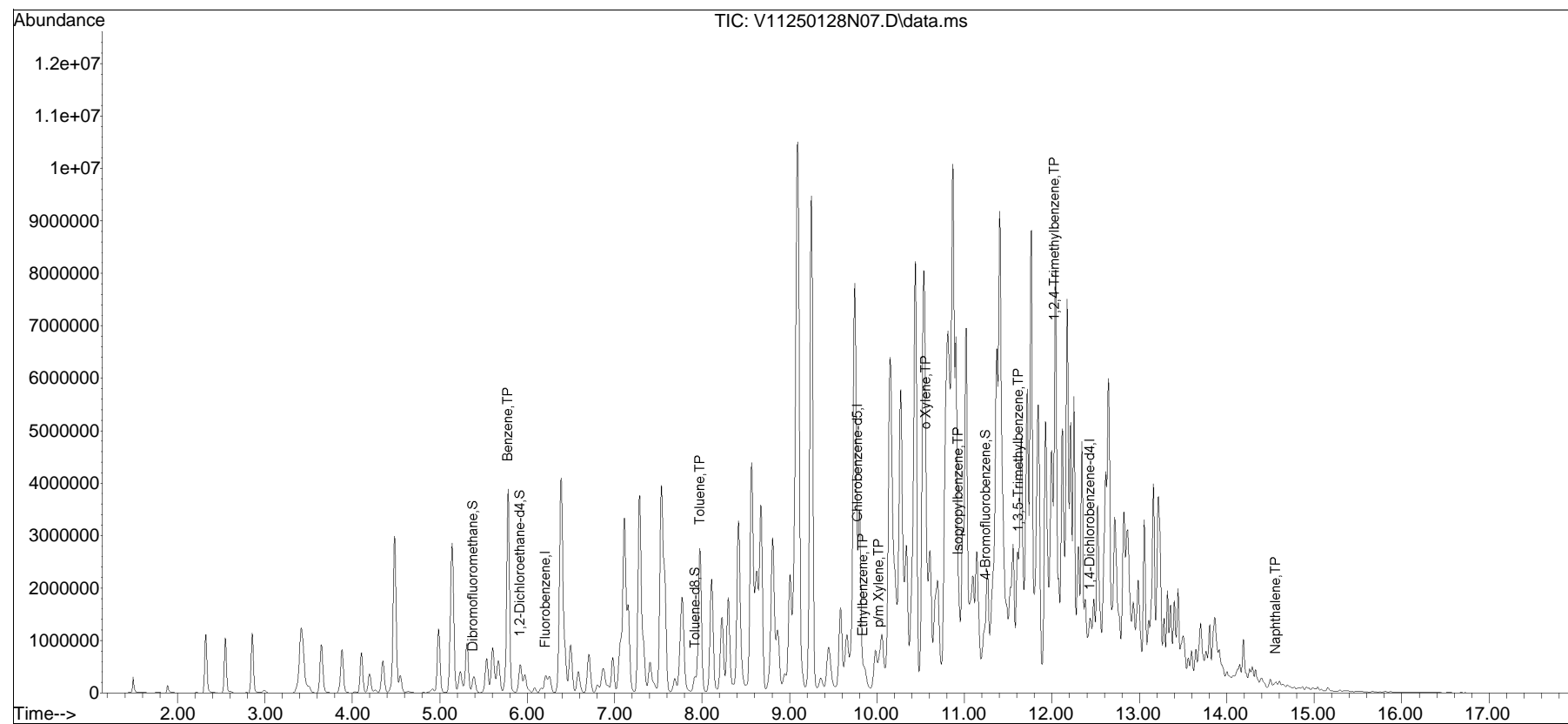


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N07.D
Acq On : 29 Jan 2025 12:52 am
Operator : VOA111:JIC
Sample : L2503263-13,31,5.48,5,,C,32.79,38.52,0.25
Misc : WG2024842,ICAL21910
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 29 12:34:00 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

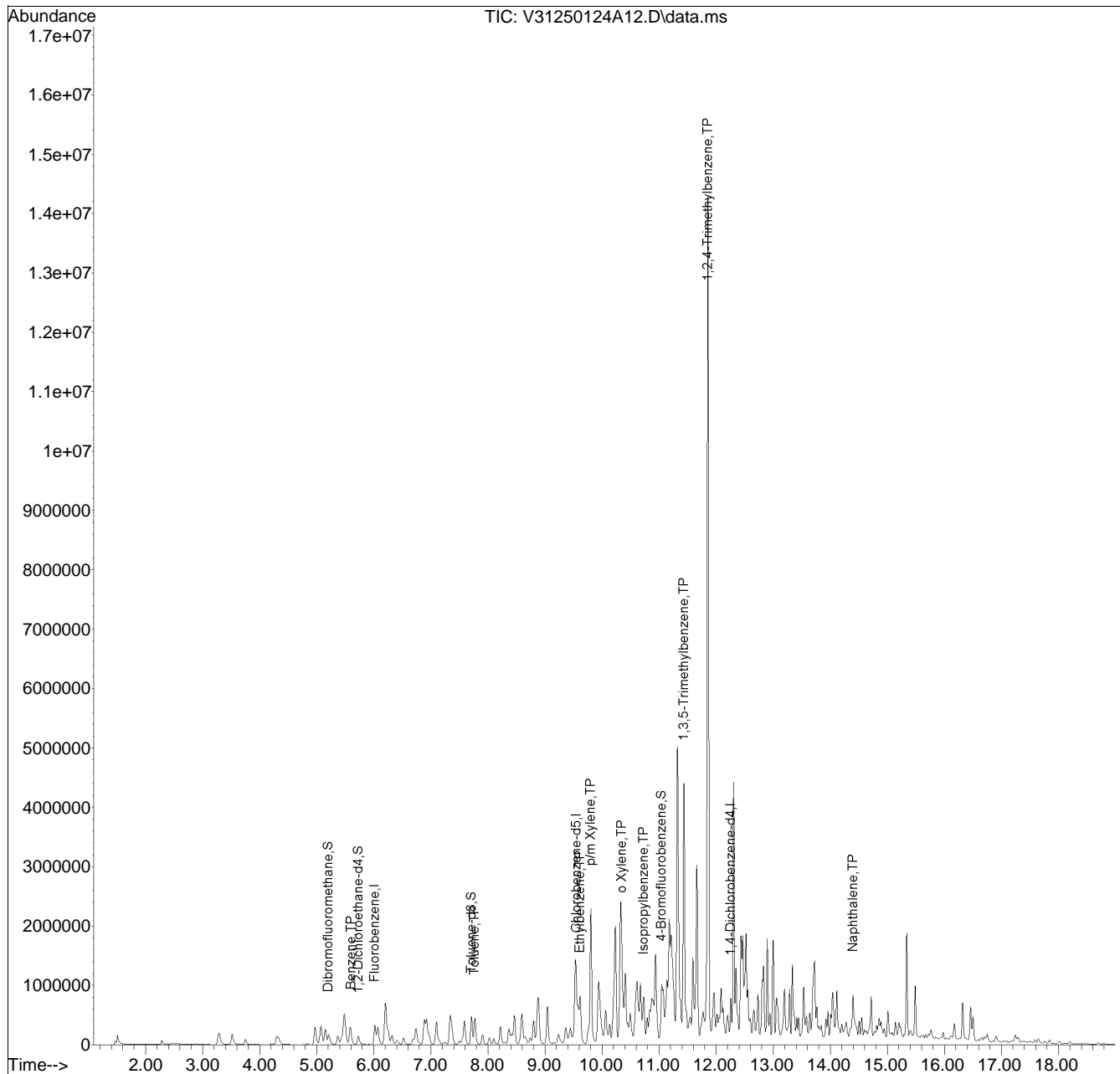


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124A\
 Data File : V31250124A12.D
 Acq On : 24 Jan 2025 03:02 pm
 Operator : VOA131:JIC
 Sample : L2503263-17,31H,4.02,5,0.100,,A,30.38,34.90,0
 Misc : WG2023969,ICAL21866
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 26 22:03:12 2025
 Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

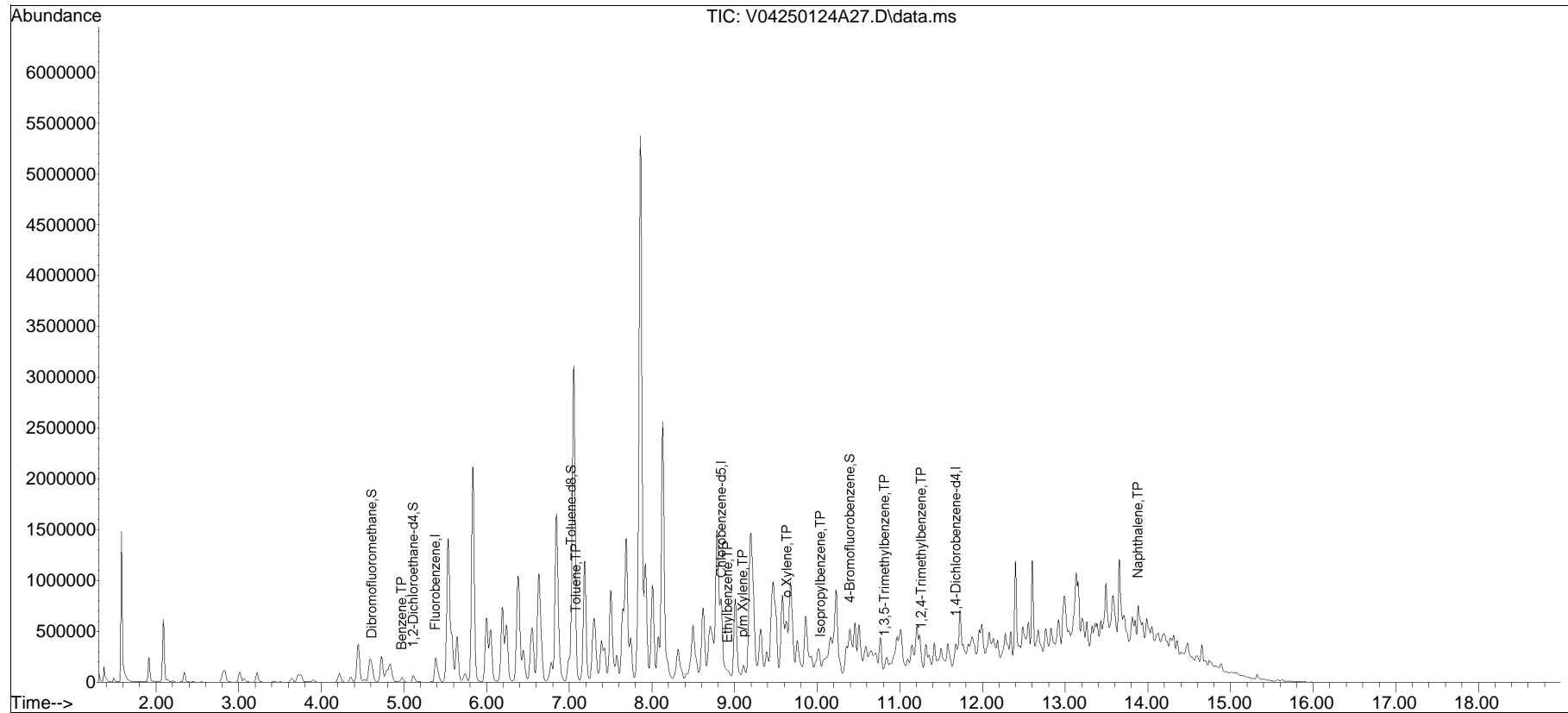


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250124\
Data File : V04250124A27.D
Acq On : 24 Jan 2025 5:22 pm
Operator : VOA104:JIC
Sample : 12503263-23,31,3.81,5,,b,32.76,36.82,0.25
Misc : WG2023269,ICAL21802
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 27 12:42:51 2025
Quant Method : K:\VOA104\2025\250124A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A02.D•

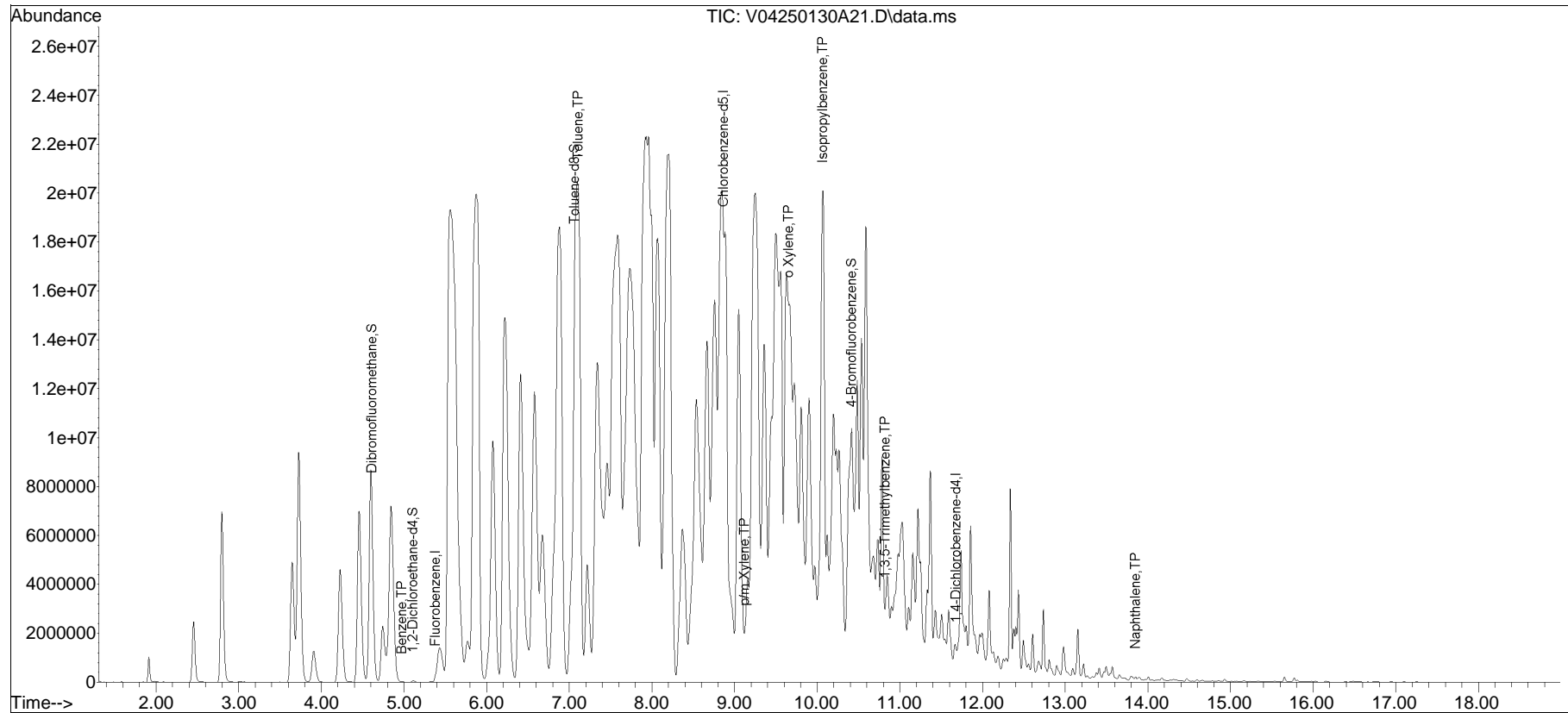


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130A\
Data File : V04250130A21.D
Acq On : 30 Jan 2025 5:13 pm
Operator : VOA104:JIC
Sample : L2503263-25,31,5.72,5,,C,32.81,38.78,0.25
Misc : WG2025659,ICAL21802
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 31 14:00:10 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

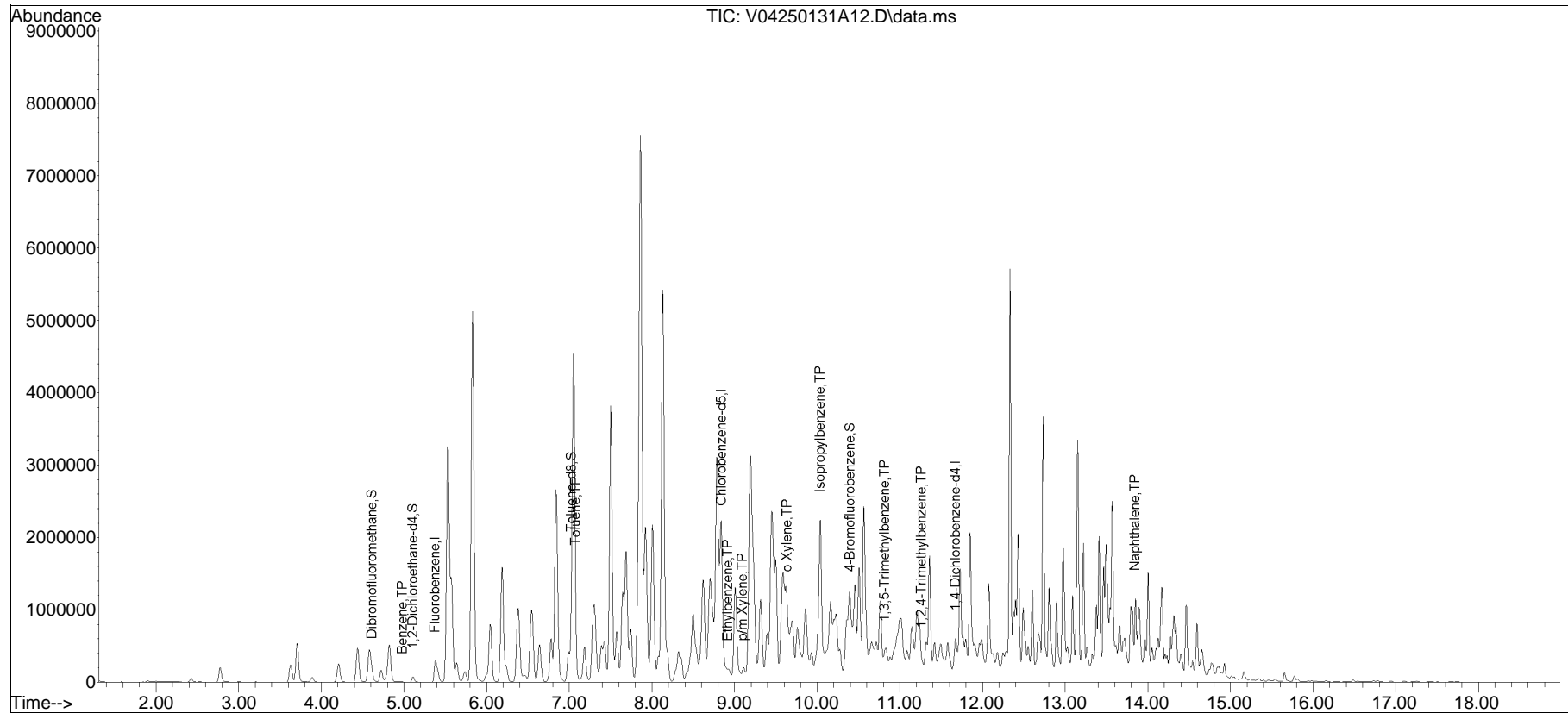


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250131A\
Data File : V04250131A12.D
Acq On : 31 Jan 2025 10:37 am
Operator : VOA104:JIC
Sample : L2503263-25,31H,4.70,5,0.100,,A,30.49,35.69,0
Misc : WG2025712,ICAL21802
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 31 13:37:25 2025
Quant Method : K:\VOA104\2025\250131A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list131A01.D•

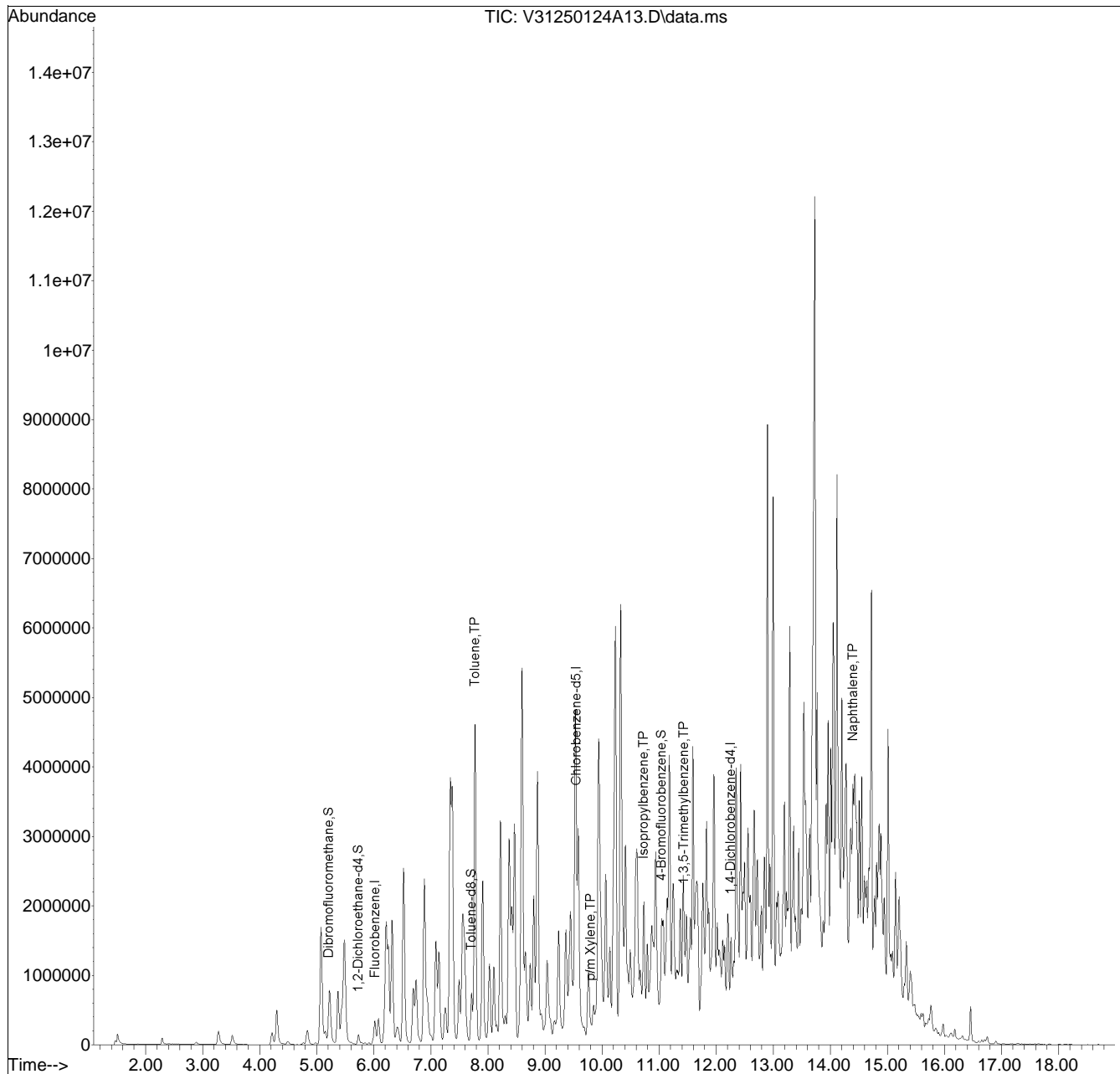


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124A\
Data File : V31250124A13.D
Acq On : 24 Jan 2025 03:24 pm
Operator : VOA131:JIC
Sample : L2503263-27,31H,5.57,5,0.100,,A,30.22,36.29,0
Misc : WG2023969,ICAL21866
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 26 22:33:21 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

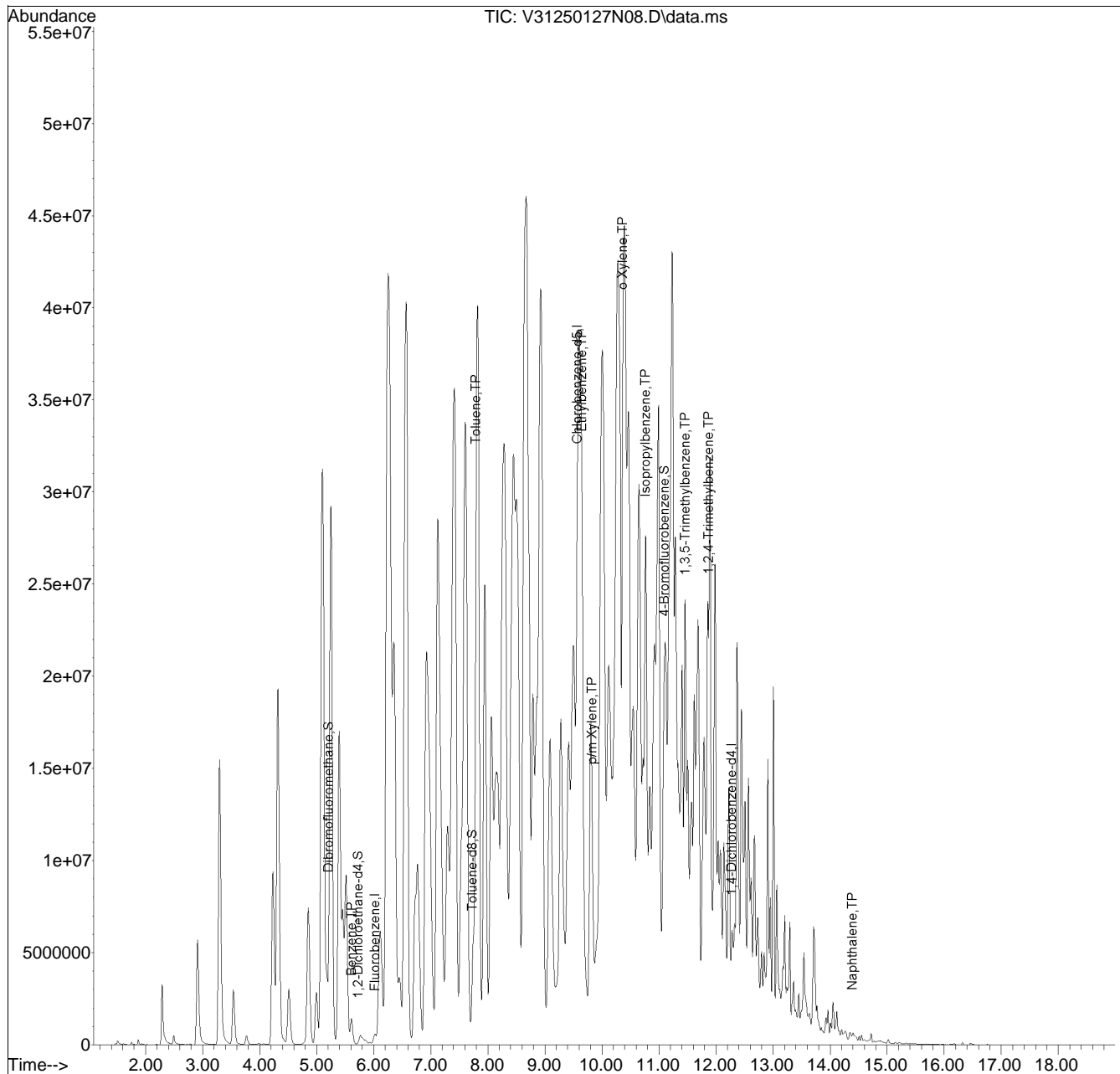


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250127N\
Data File : V31250127N08.D
Acq On : 27 Jan 2025 09:27 pm
Operator : VOA131:JIC
Sample : L2503263-31,31,4.96,5,,C,32.70,37.91,0.25
Misc : WG2024337,ICAL21866
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 28 09:49:36 2025
Quant Method : K:\VOA131\2025\250127N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list127N01.D•

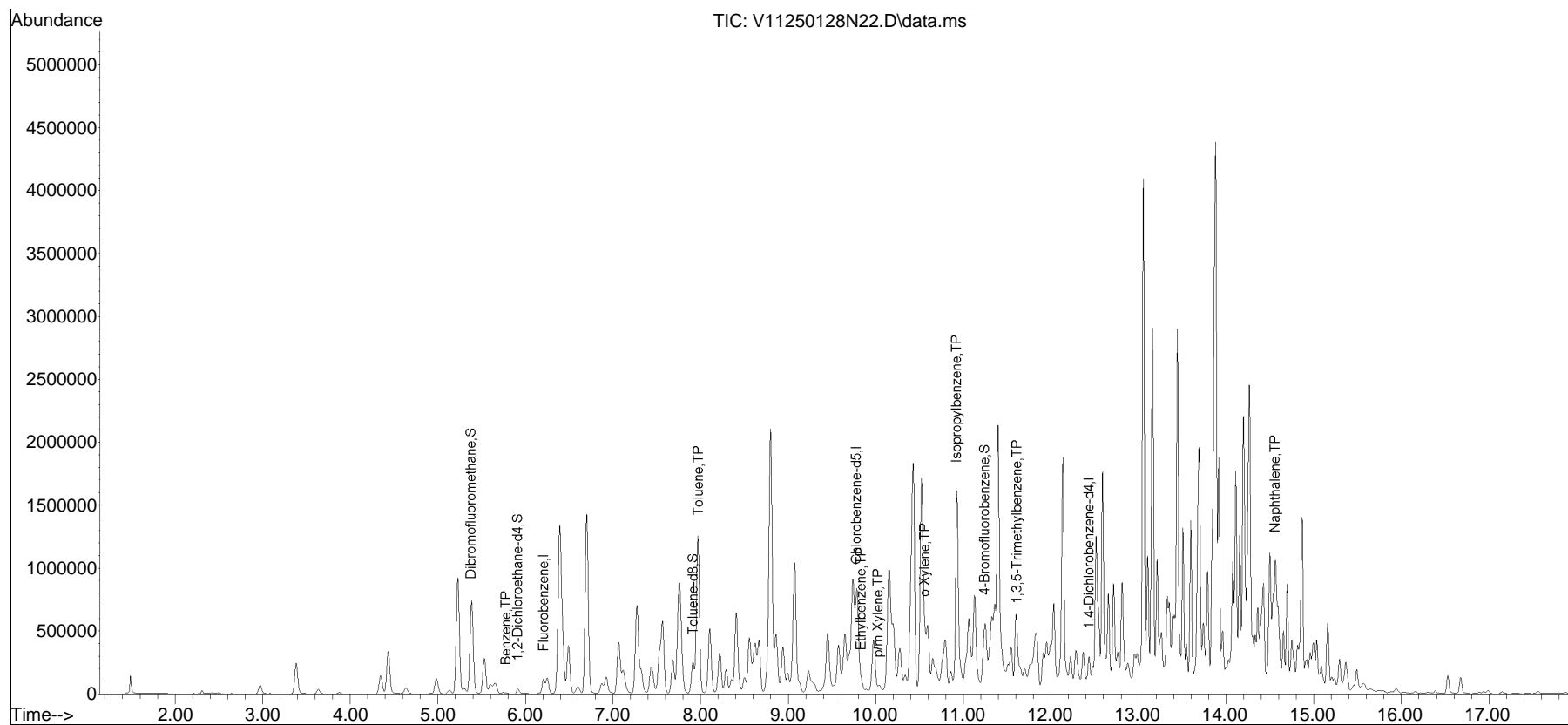


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N22.D
Acq On : 29 Jan 2025 07:10 am
Operator : VOA111:JIC
Sample : L2503263-35,31H,5.85,5,0.100,,A,30.40,36.75,0
Misc : WG2024843,ICAL21910
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 29 12:37:18 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

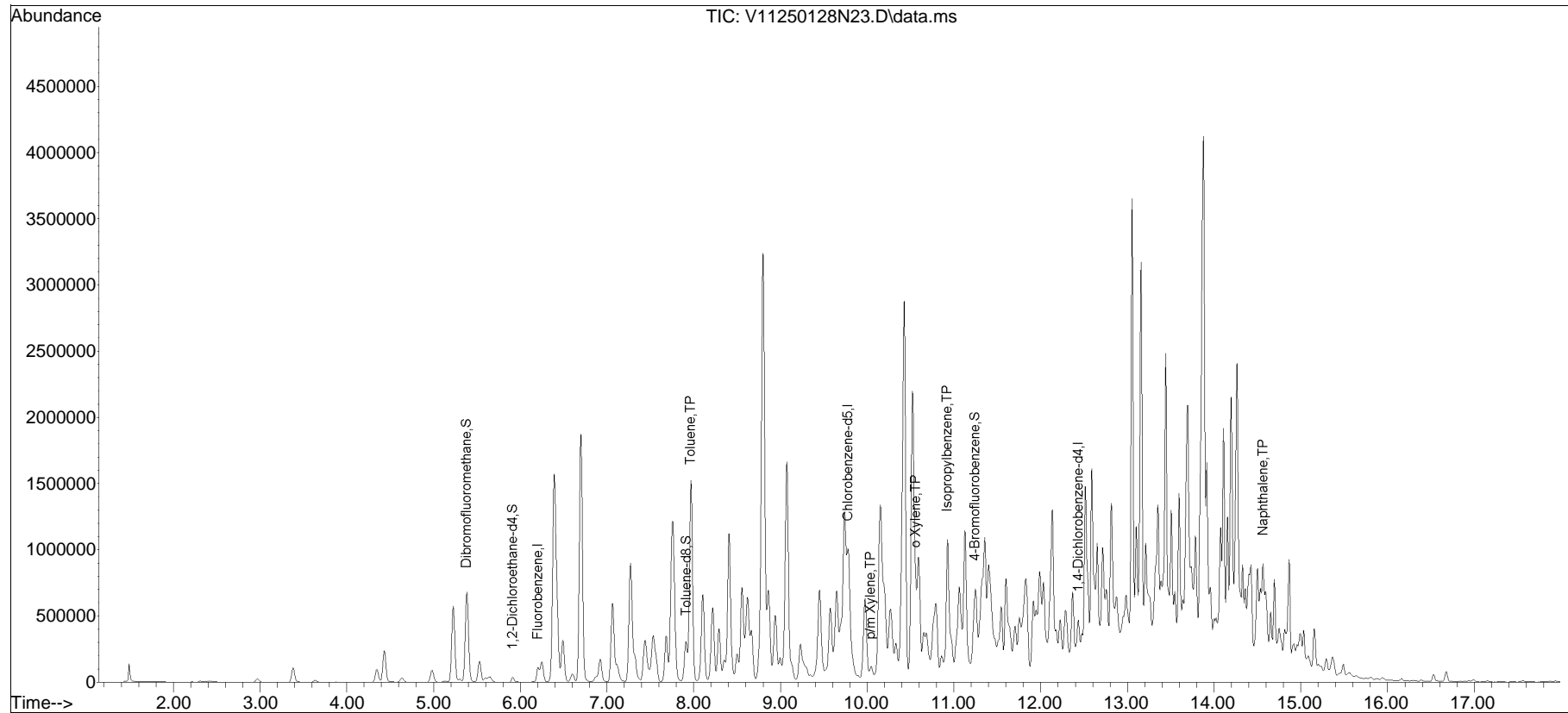


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N23.D
Acq On : 29 Jan 2025 07:35 am
Operator : VOA111:JIC
Sample : L2503263-37,31H,3.46,5,0.100,,A,31.00,34.96,0
Misc : WG2024843,ICAL21910
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 29 12:37:34 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

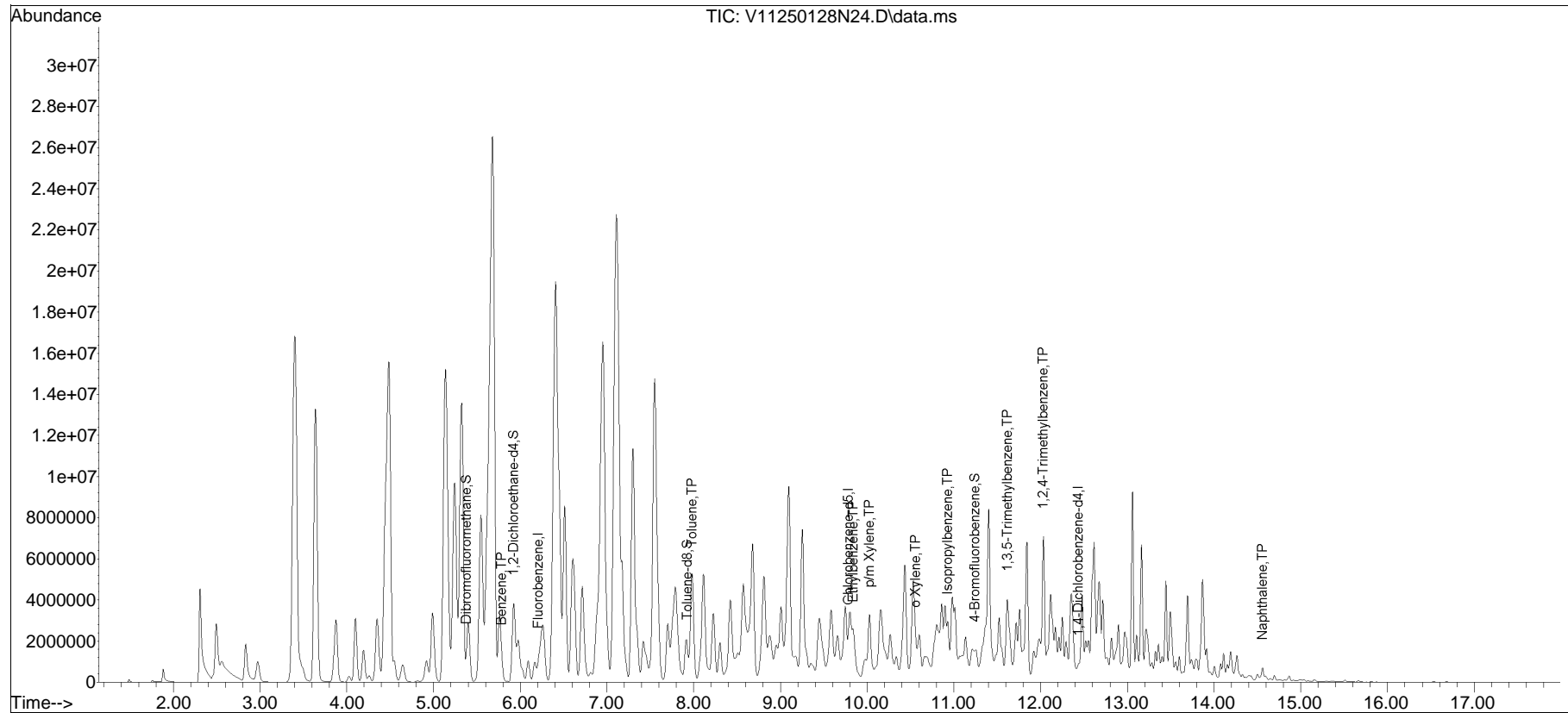


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
 Data File : V11250128N24.D
 Acq On : 29 Jan 2025 08:00 am
 Operator : VOA111:JIC
 Sample : L2503263-39,31H,5.57,5,0.100,,A,30.29,36.36,0
 Misc : WG2024843,ICAL21910
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 29 12:37:44 2025
 Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Jan 22 07:38:45 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

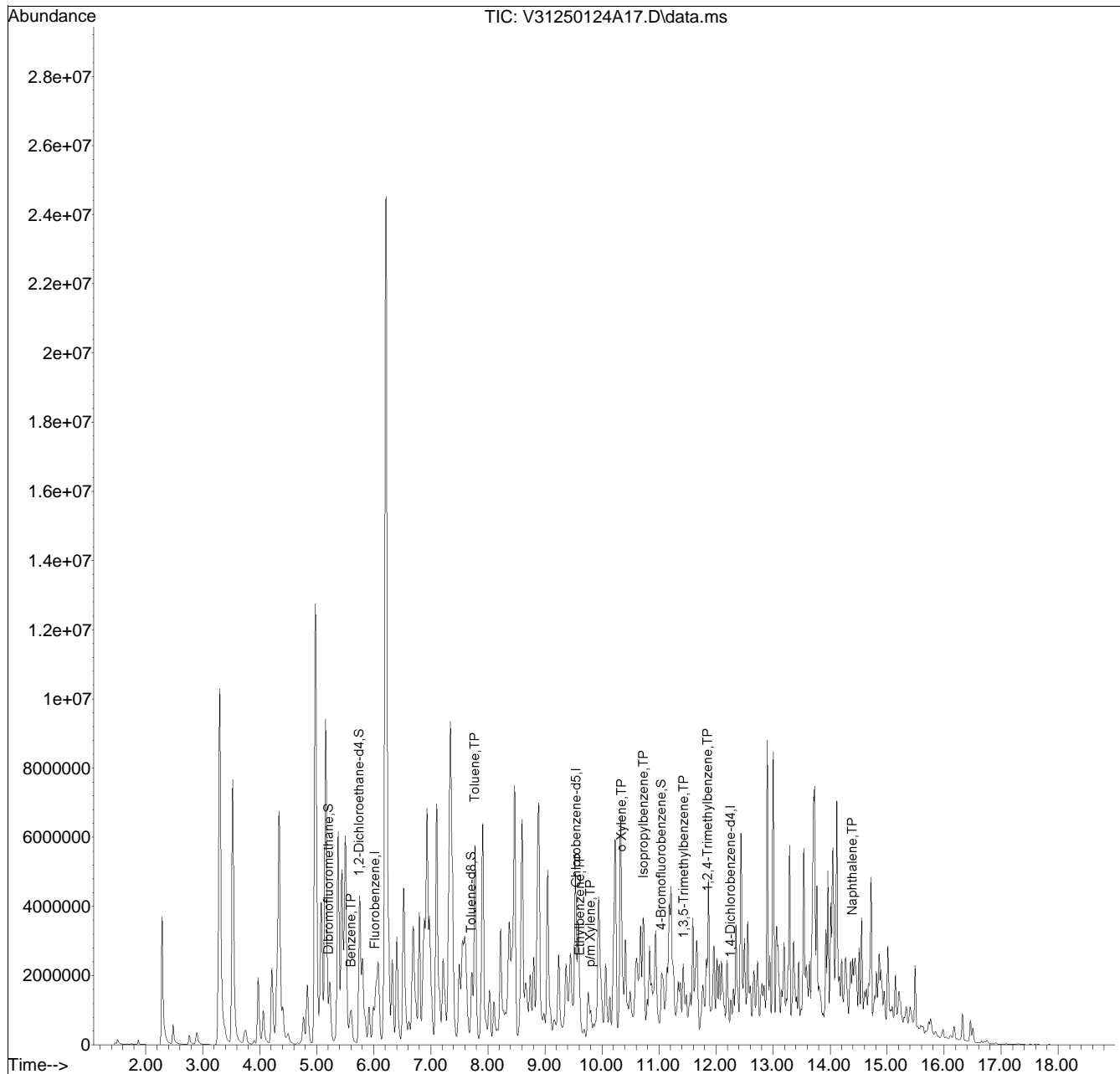


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124\
Data File : V31250124A17.D
Acq On : 24 Jan 2025 04:54 pm
Operator : VOA131:JIC
Sample : L2503263-41D,31H,4.81,5,0.05,,A,30.11,35.42,0
Misc : WG2023969,ICAL21866
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 26 22:34:44 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

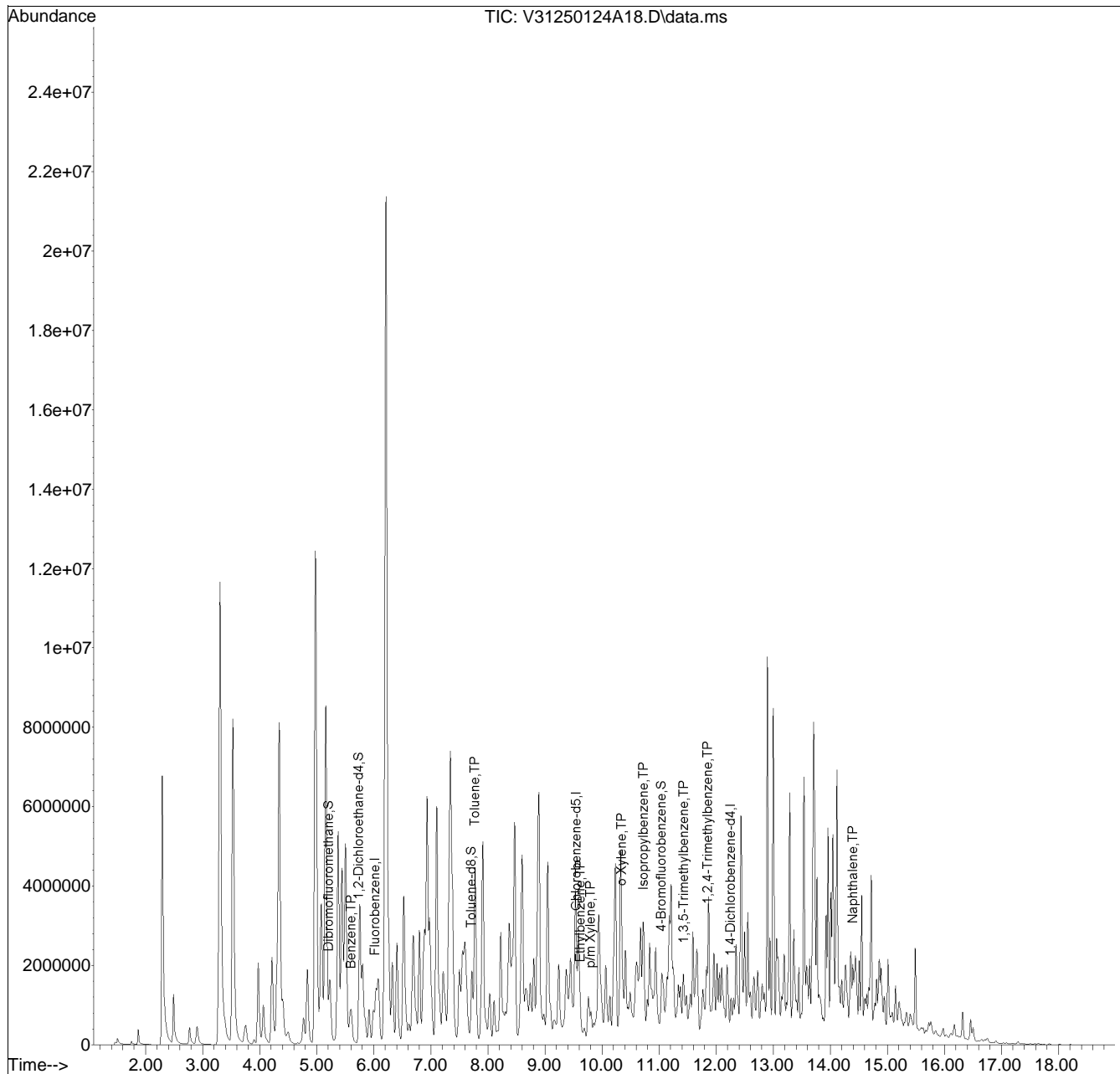


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250124\
Data File : V31250124A18.D
Acq On : 24 Jan 2025 05:16 pm
Operator : VOA131:JIC
Sample : L2503263-43D,31H,5.51,5,0.05,,A,30.43,36.44,0
Misc : WG2023969,ICAL21866
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 26 22:34:57 2025
Quant Method : K:\VOA131\2025\250124A\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list124A01.D•

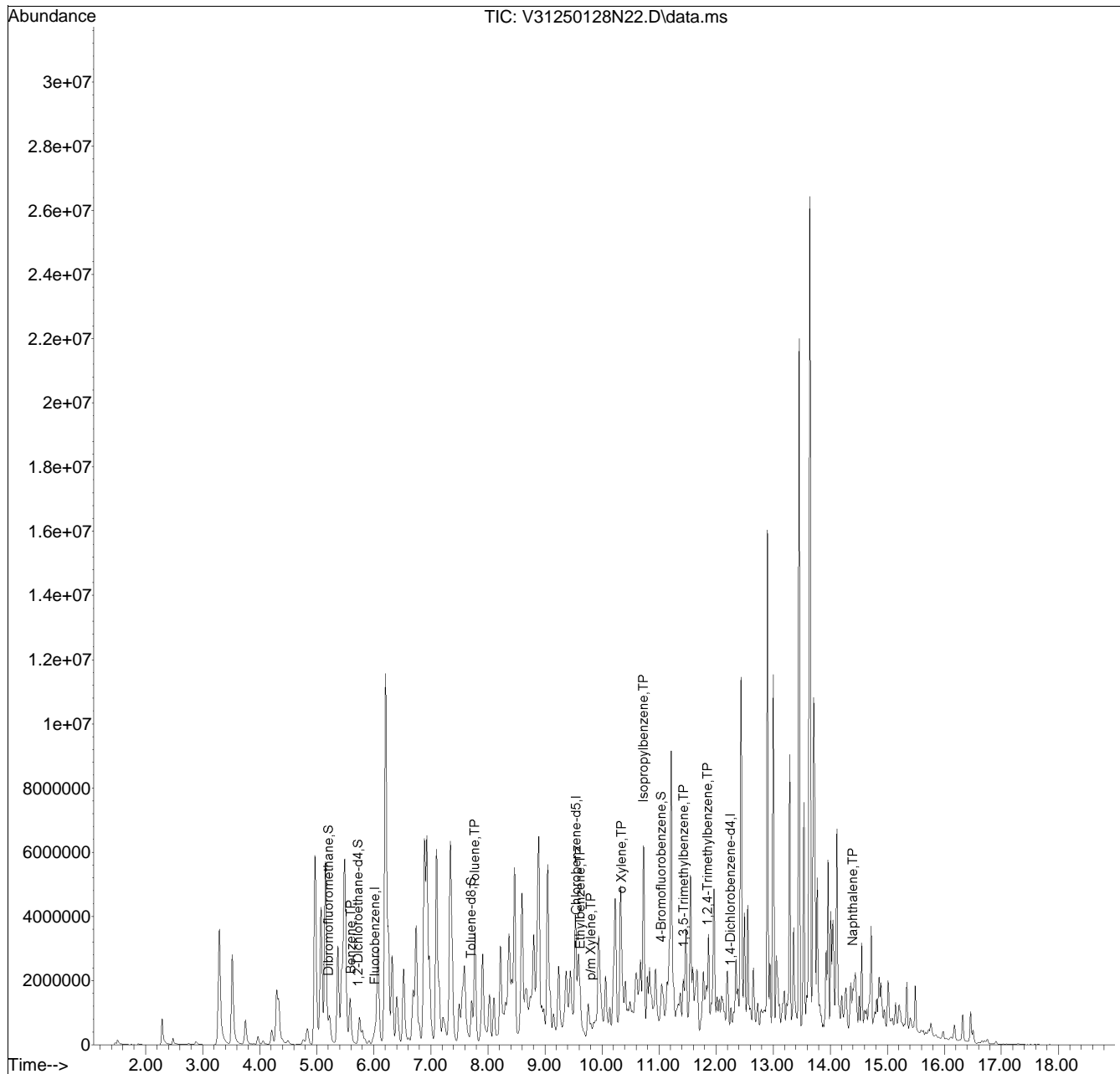


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
 Data File : V31250128N22.D
 Acq On : 29 Jan 2025 02:33 am
 Operator : VOA131:JIC
 Sample : L2503263-47,31H,6.50,5,0.100,,A,30.46,37.46,0
 Misc : WG2025205,ICAL21866
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 29 13:17:24 2025
 Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

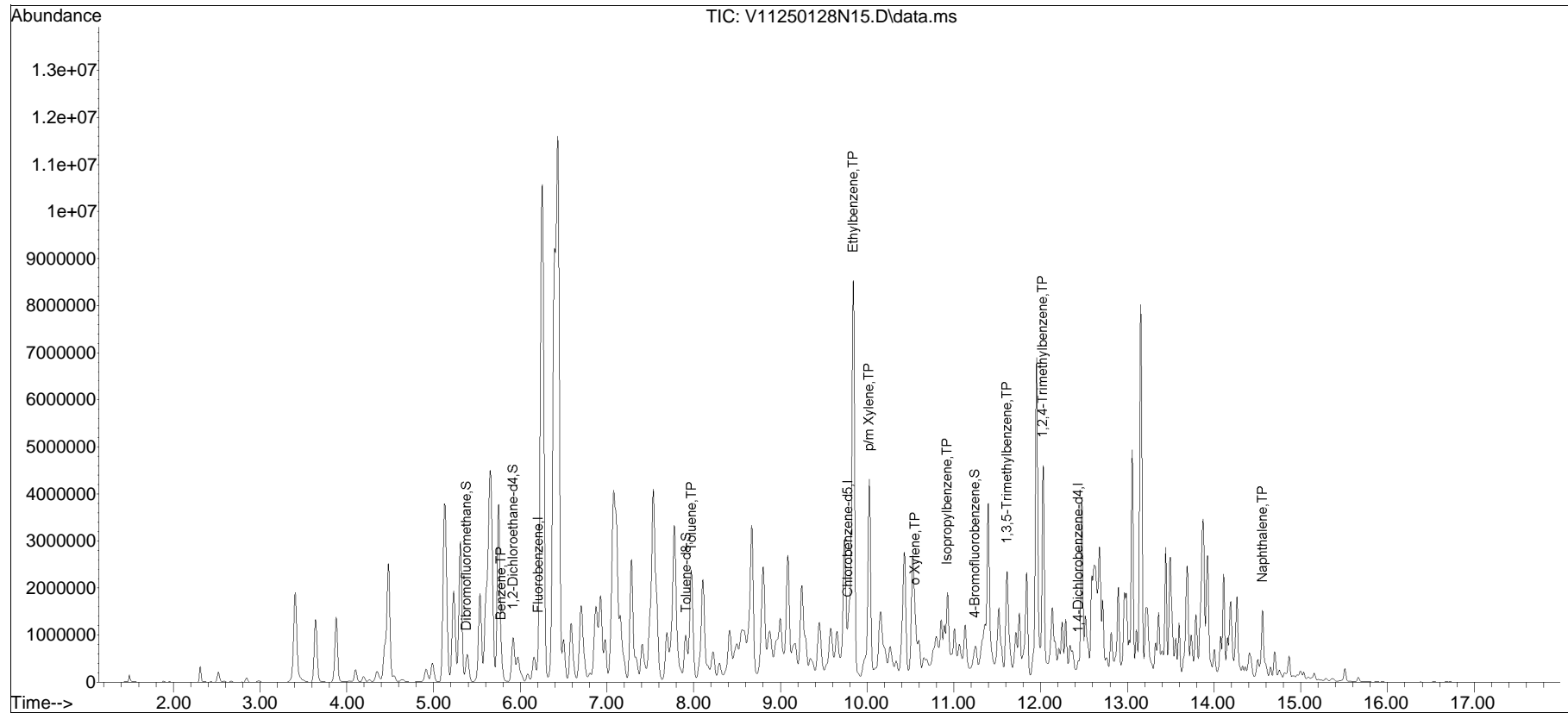


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N15.D
Acq On : 29 Jan 2025 04:14 am
Operator : VOA111:JIC
Sample : L2503263-51D2,31H,4.87,5,0.05,,A,30.40,35.77,
Misc : WG2024843,ICAL21910
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 29 12:35:46 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

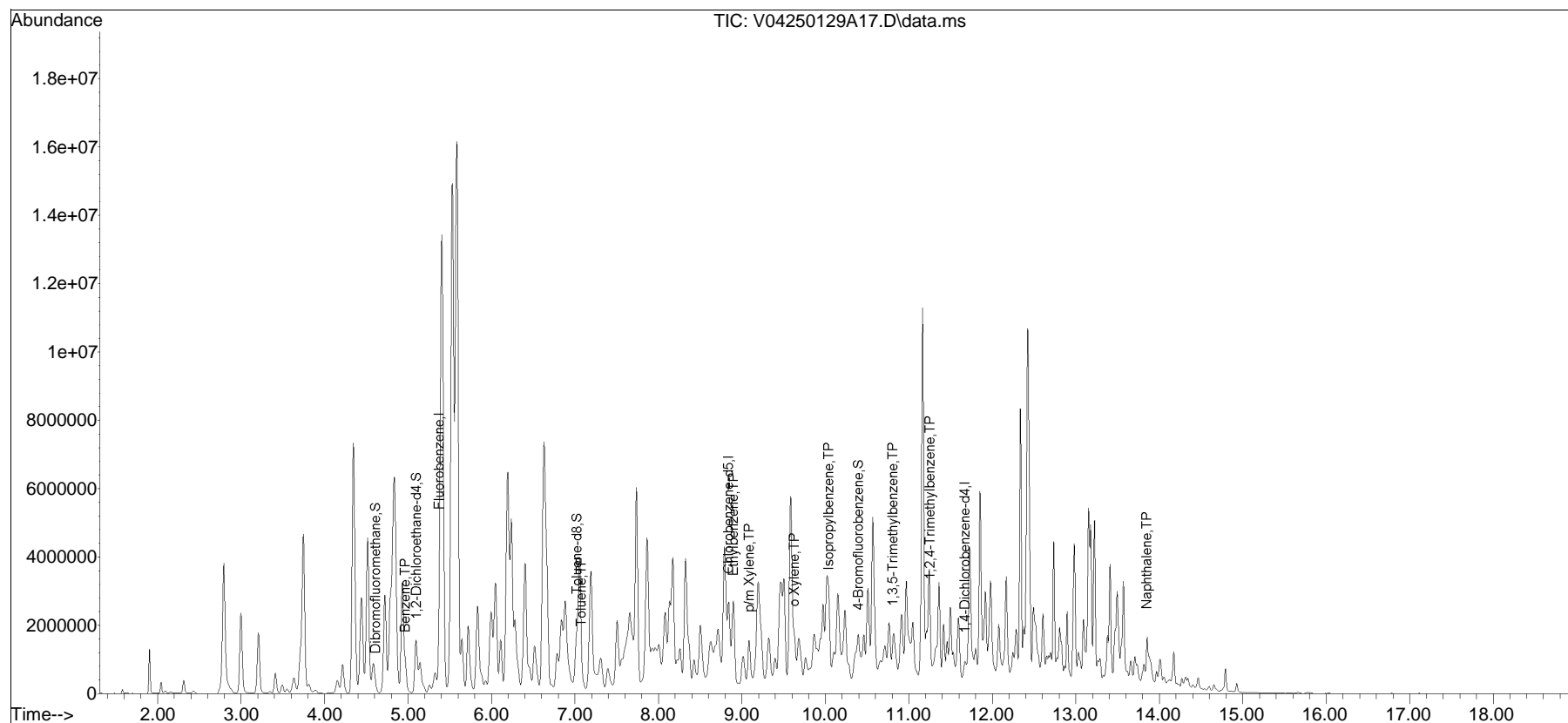


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129A\
Data File : V04250129A17.D
Acq On : 29 Jan 2025 3:26 pm
Operator : VOA104:JIC
Sample : 12503263-53,31h,5.91,5,0.100,,a,30.39,36.80,0
Misc : WG2025237,ICAL21802
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 30 08:57:06 2025
Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

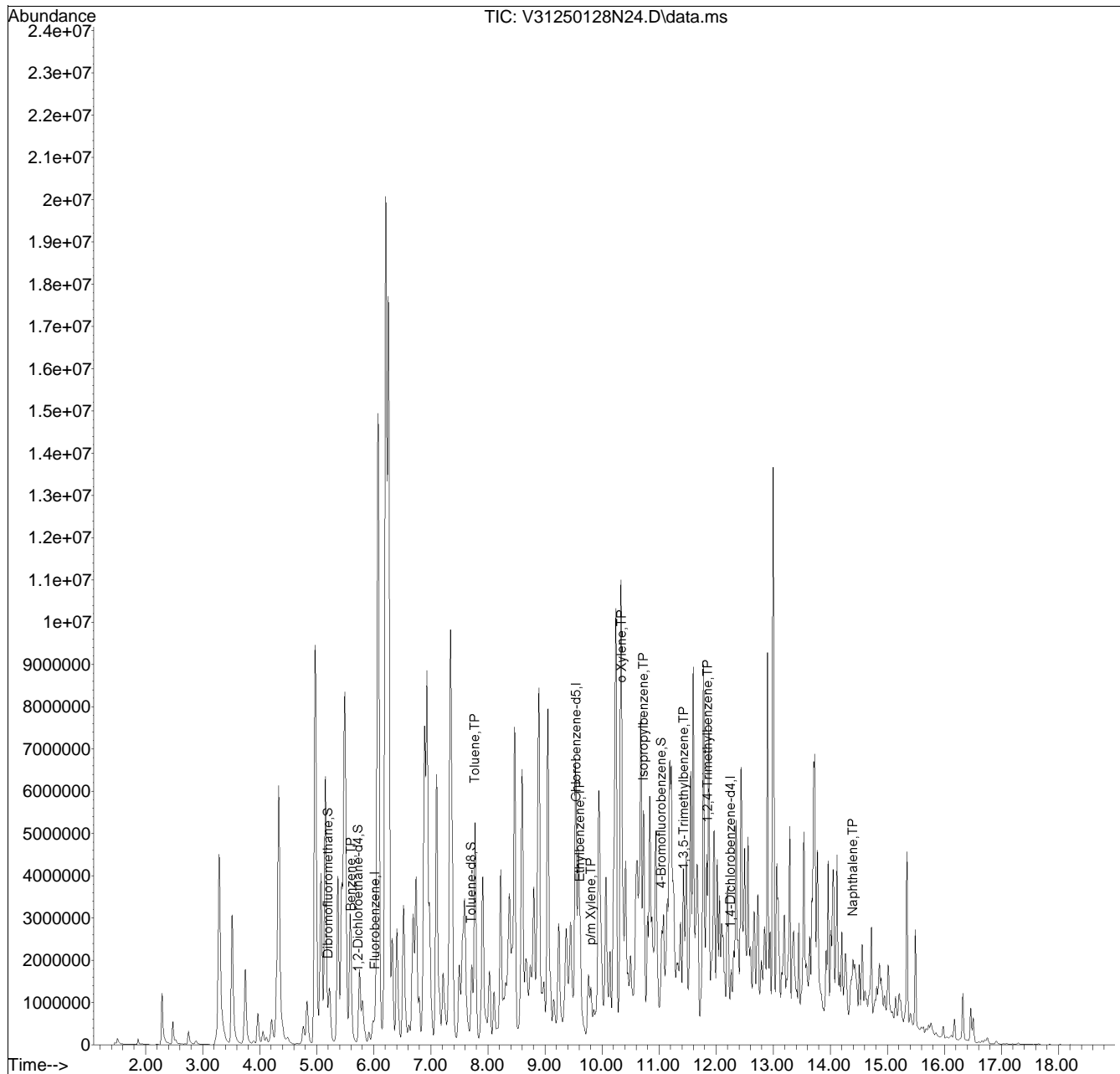


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
 Data File : V31250128N24.D
 Acq On : 29 Jan 2025 03:18 am
 Operator : VOA131:JIC
 Sample : L2503263-55,31H,5.88,5,0.100,,A,30.64,37.02,0
 Misc : WG2025205,ICAL21866
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 29 13:17:46 2025
 Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

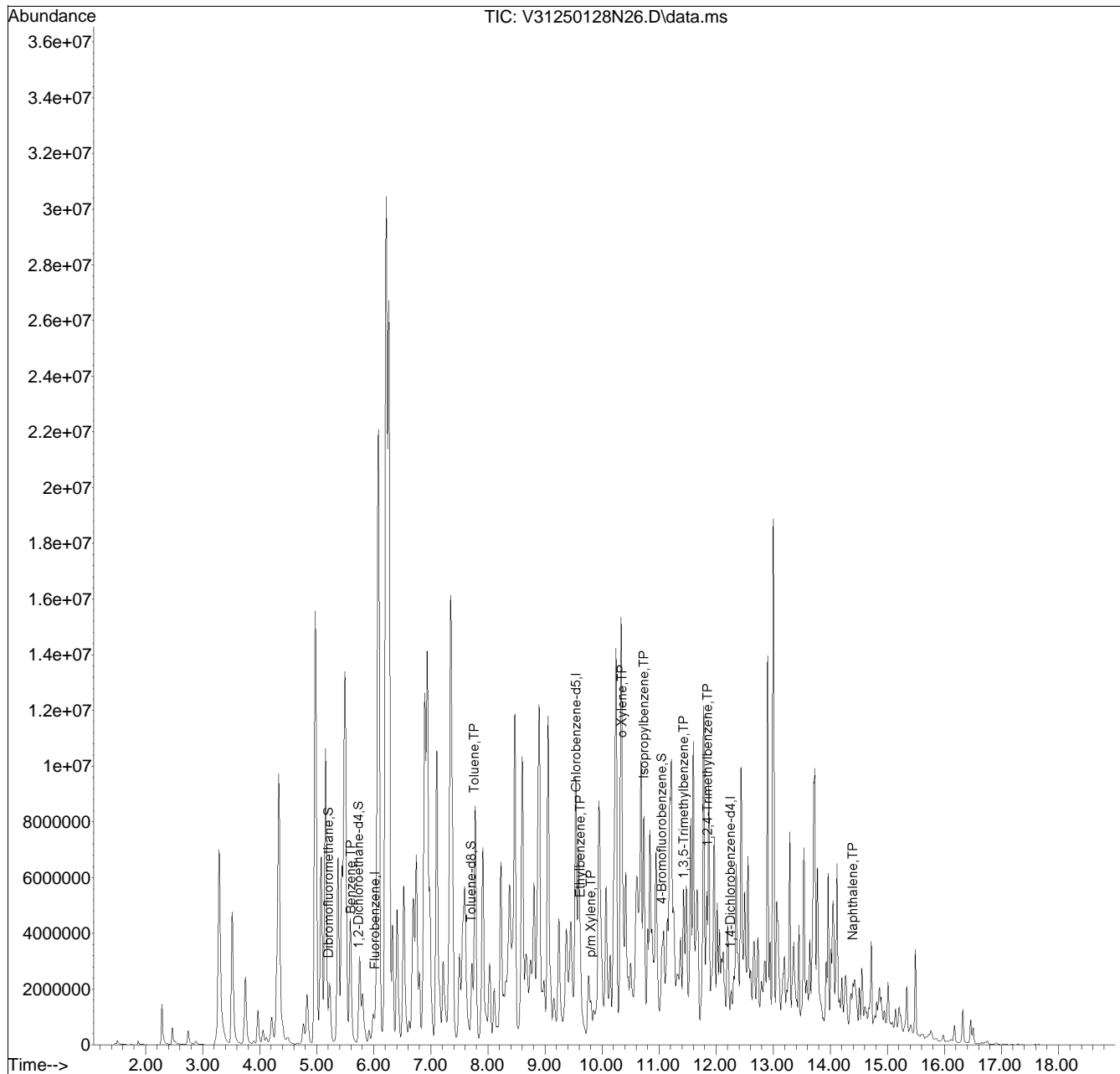


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
 Data File : V31250128N26.D
 Acq On : 29 Jan 2025 04:03 am
 Operator : VOA131:JIC
 Sample : L2503263-57,31H,5.03,5,0.100,,A,30.18,35.71,0
 Misc : WG2025205,ICAL21866
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 29 13:18:08 2025
 Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

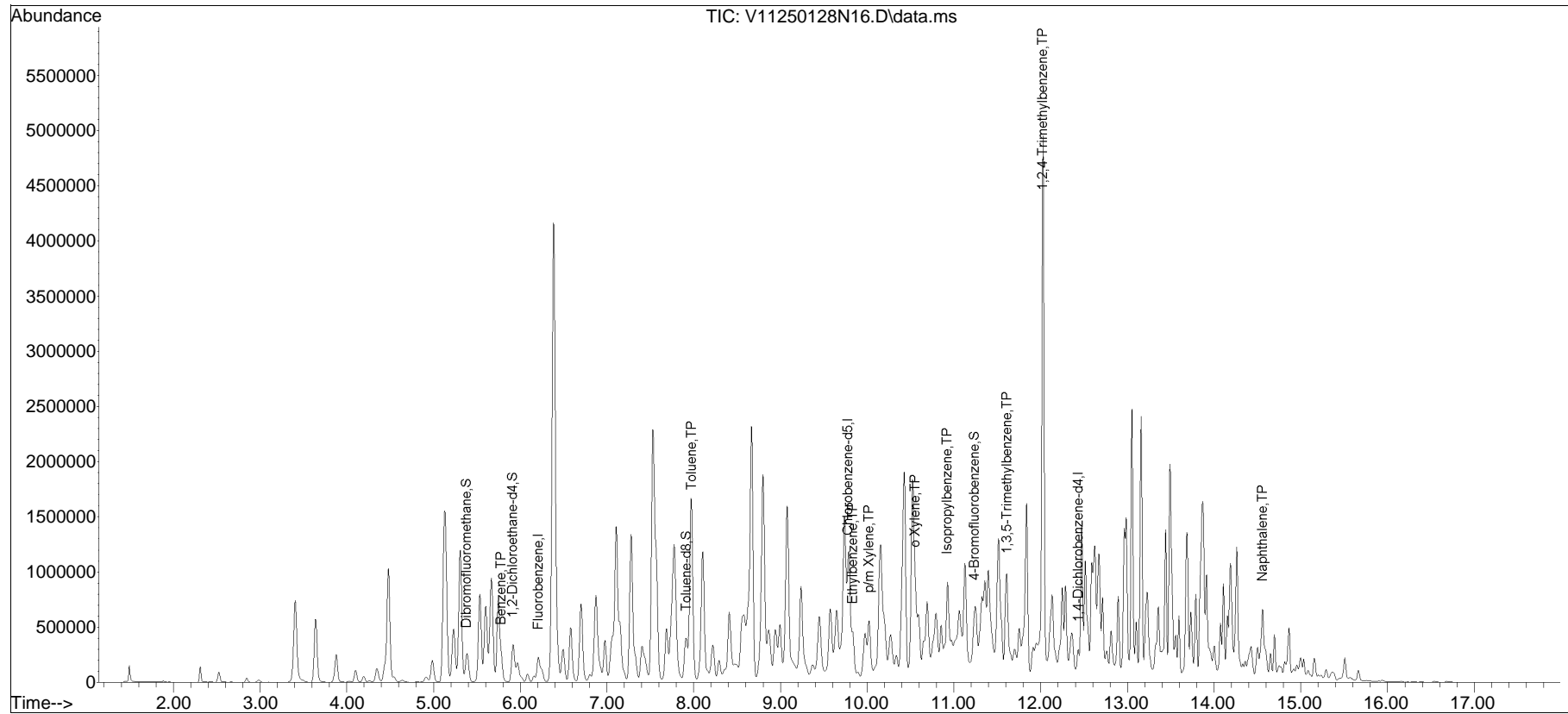


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N16.D
Acq On : 29 Jan 2025 04:39 am
Operator : VOA111:JIC
Sample : L2503263-61D2,31H,4.96,5,0.04,,A,30.38,35.84,
Misc : WG2024843,ICAL21910
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 12:35:57 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

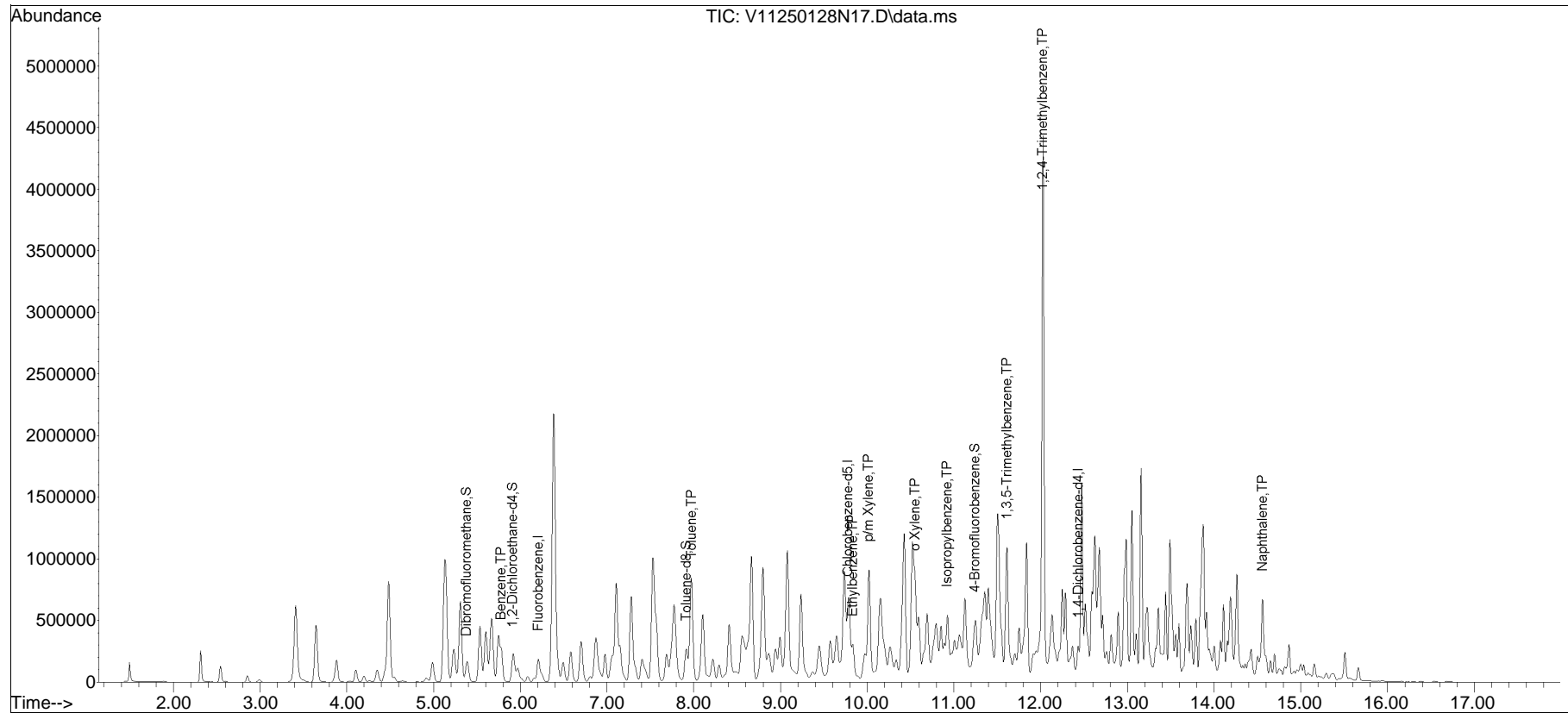


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N17.D
Acq On : 29 Jan 2025 05:04 am
Operator : VOA111:JIC
Sample : L2503263-63D2,31H,4.95,5,0.01,,A,30.42,35.87,
Misc : WG2024843,ICAL21910
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 29 12:36:09 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

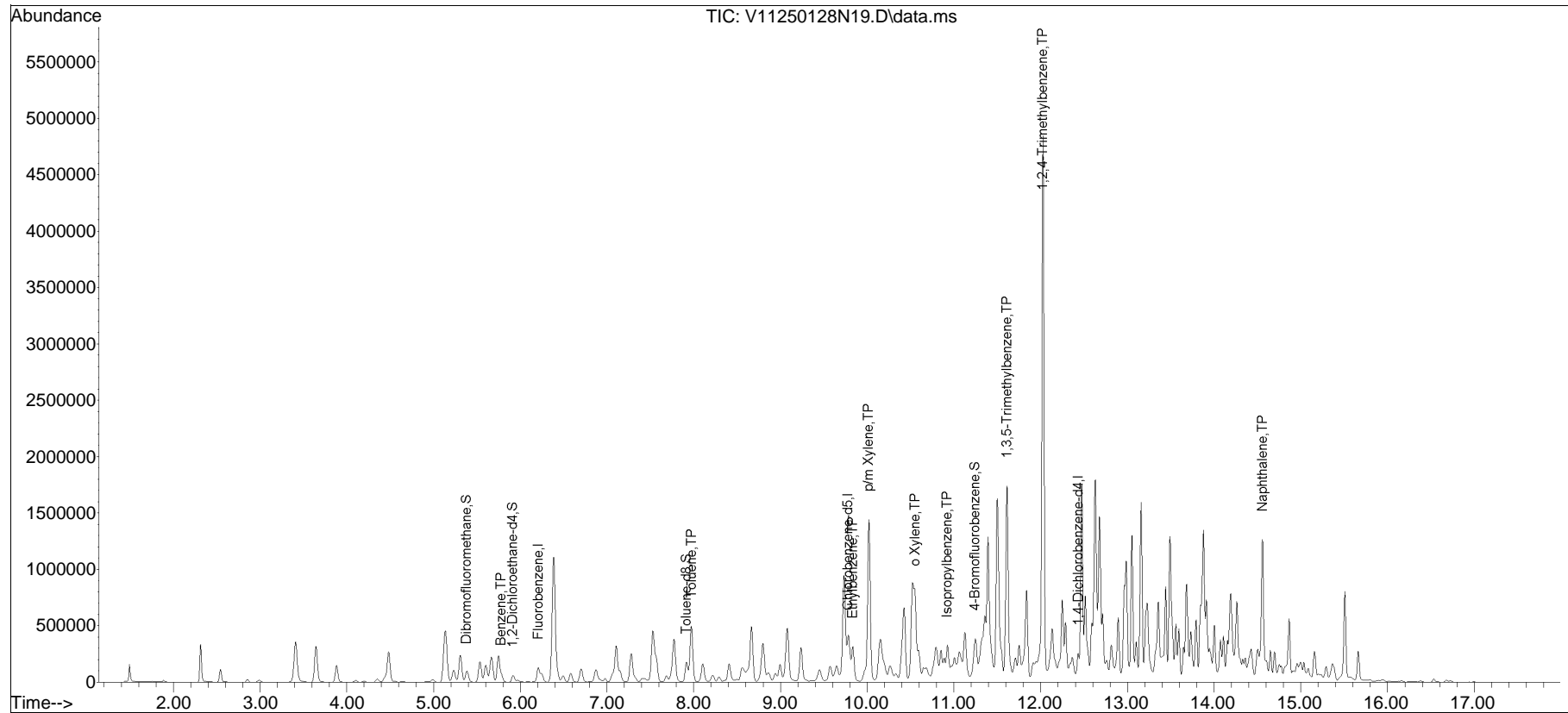


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N19.D
Acq On : 29 Jan 2025 05:54 am
Operator : VOA111:JIC
Sample : L2503263-67D2,31H,5.69,5,0.01,,A,30.30,36.49,
Misc : WG2024843,ICAL21910
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 29 08:59:35 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

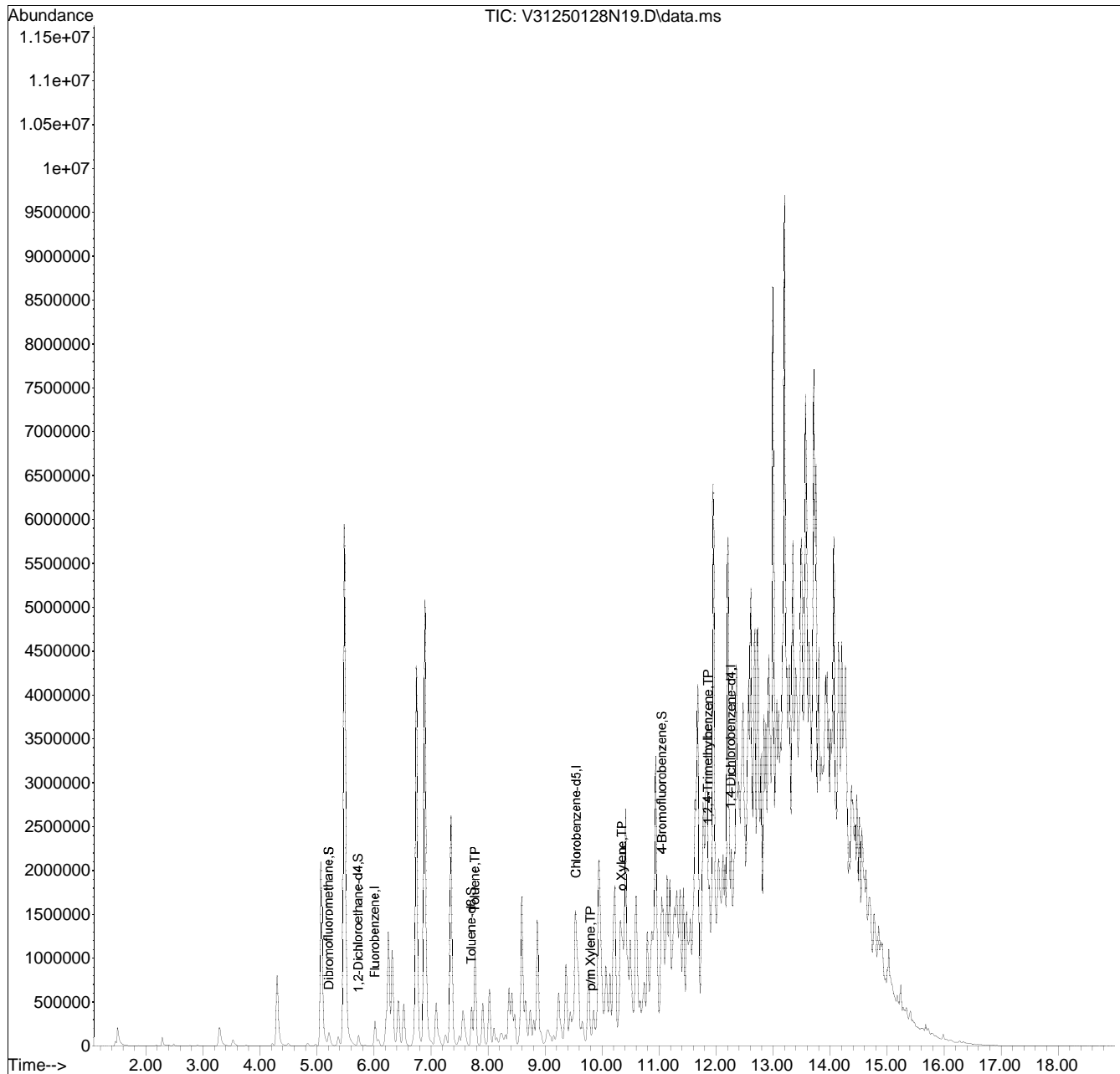


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
Data File : V31250128N19.D
Acq On : 29 Jan 2025 01:25 am
Operator : VOA131:JIC
Sample : L2503263-69,31,4.32,5,,B,32.96,37.53,0.25
Misc : WG2024969,ICAL21866
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 29 13:16:38 2025
Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

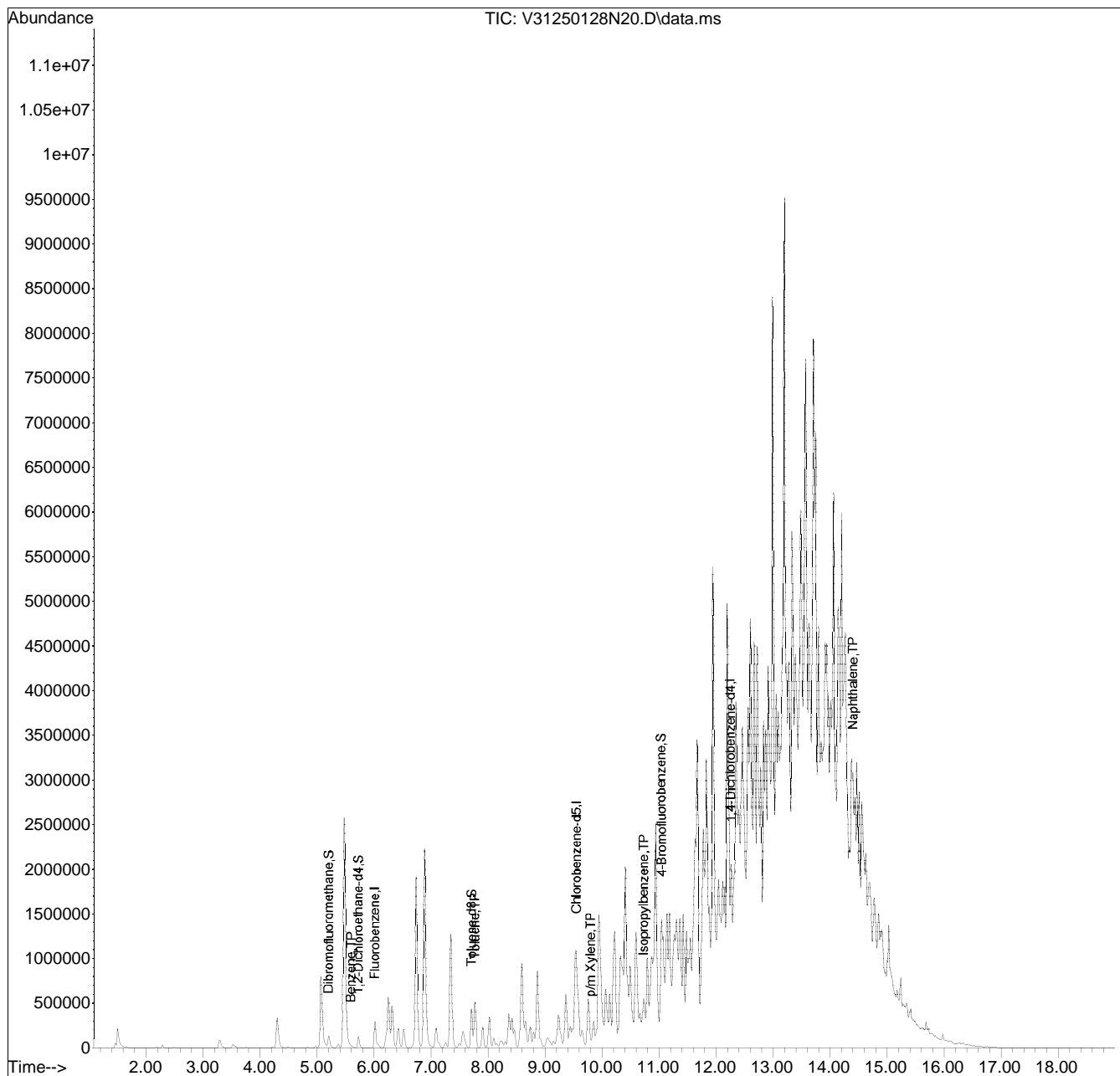


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
 Data File : V31250128N20.D
 Acq On : 29 Jan 2025 01:48 am
 Operator : VOA131:JIC
 Sample : L2503263-71,31,4.87,5,,B,32.74,37.86,0.25
 Misc : WG2024969,ICAL21866
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 29 13:16:55 2025
 Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

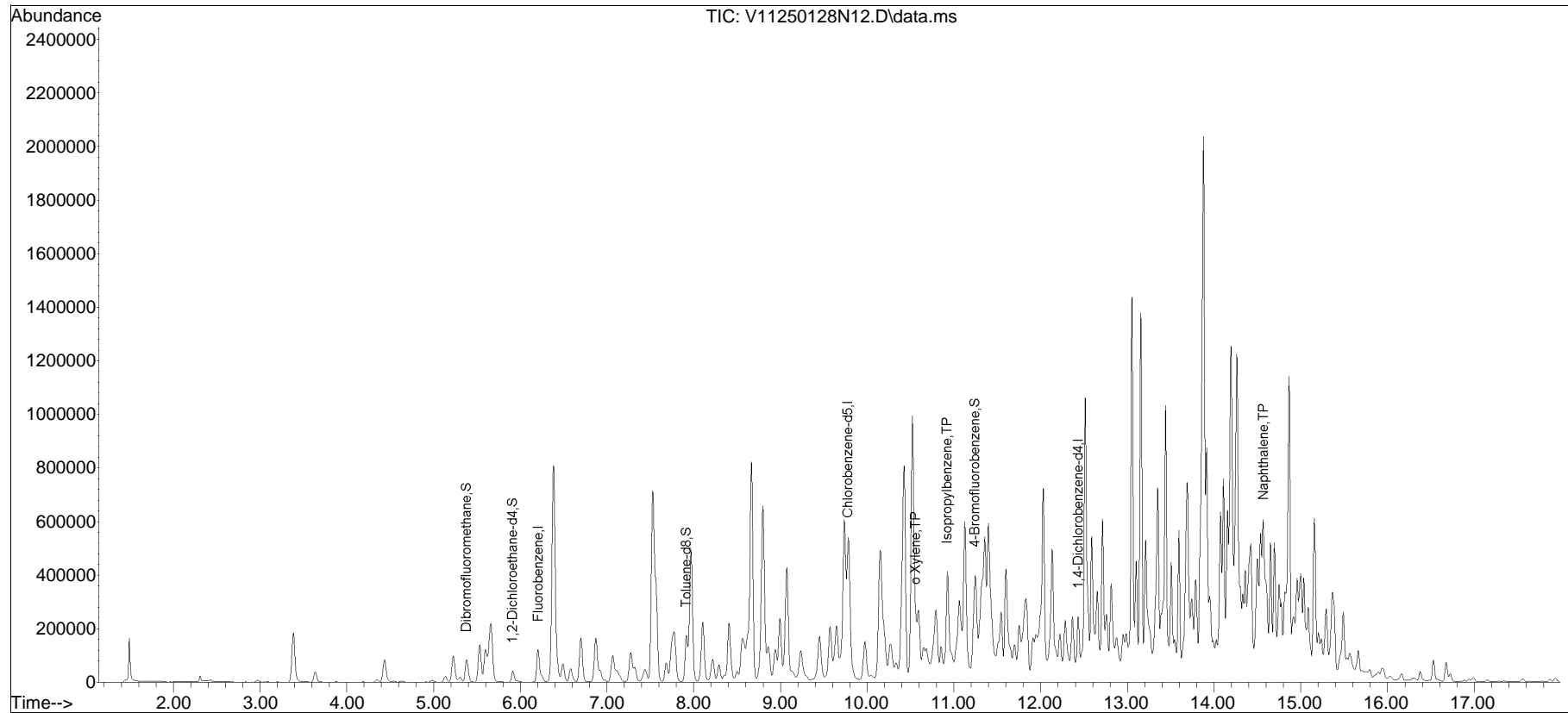


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N12.D
Acq On : 29 Jan 2025 02:58 am
Operator : VOA111:JIC
Sample : L2503263-73,31H,5.04,5,0.100,,A,30.23,35.77,0
Misc : WG2024843,ICAL21910
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 29 12:35:01 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

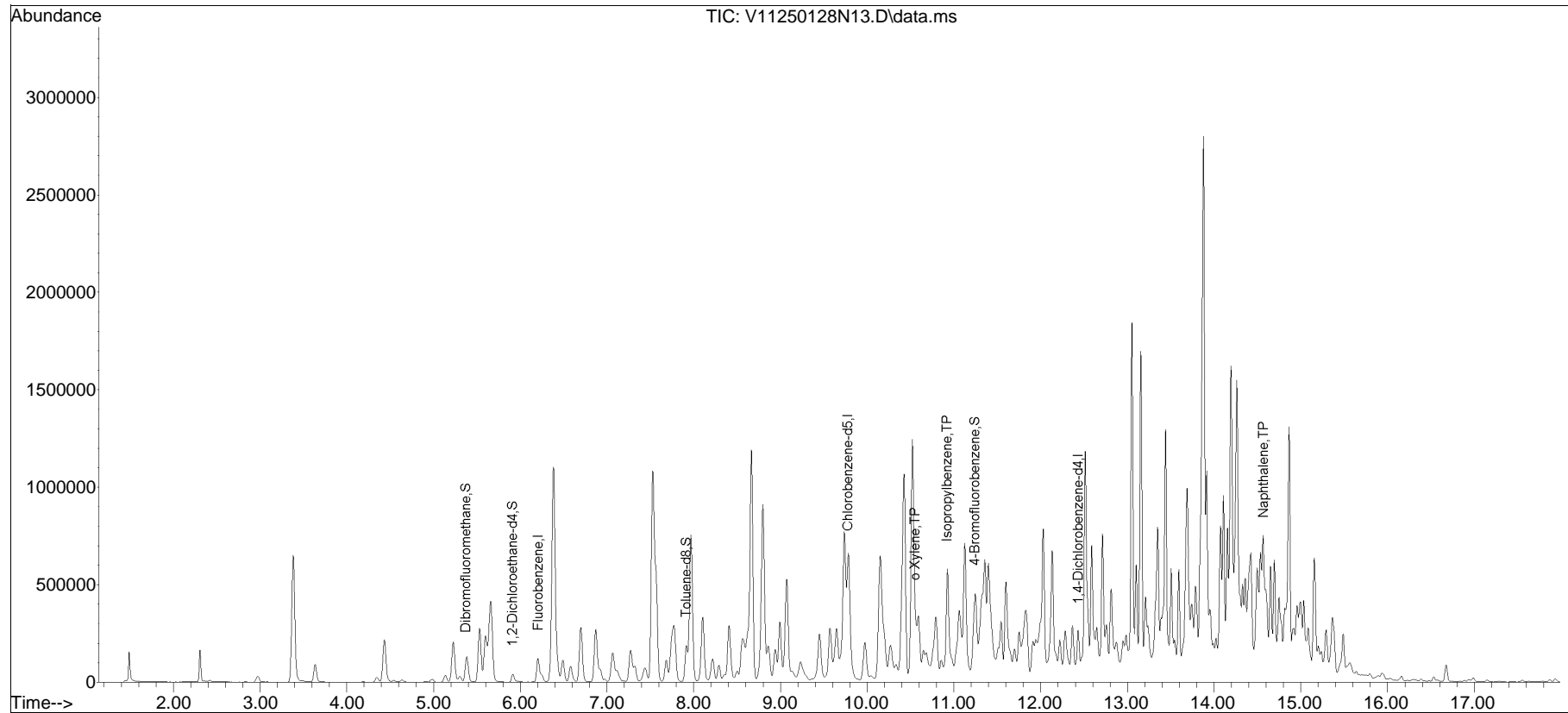


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N13.D
Acq On : 29 Jan 2025 03:23 am
Operator : VOA111:JIC
Sample : L2503263-75,31H,6.38,5,0.100,,A,30.32,37.20,0
Misc : WG2024843,ICAL21910
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 29 12:35:27 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

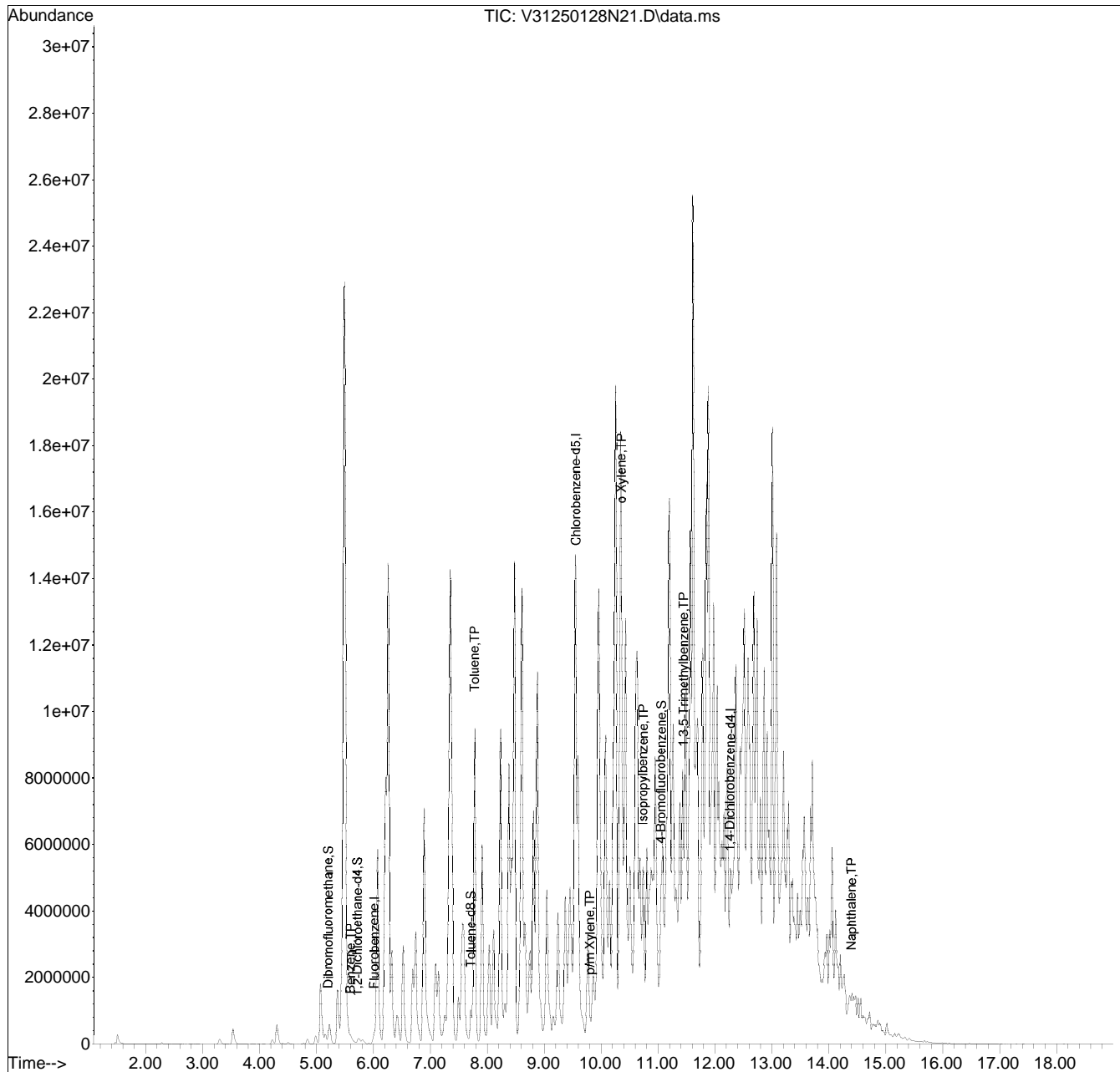


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250128N\
 Data File : V31250128N21.D
 Acq On : 29 Jan 2025 02:10 am
 Operator : VOA131:JIC
 Sample : L2503263-77,31,6.26,5,,C,32.80,39.30,0.25
 Misc : WG2024969,ICAL21866
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 29 13:17:17 2025
 Quant Method : K:\VOA131\2025\250128N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N01.D•

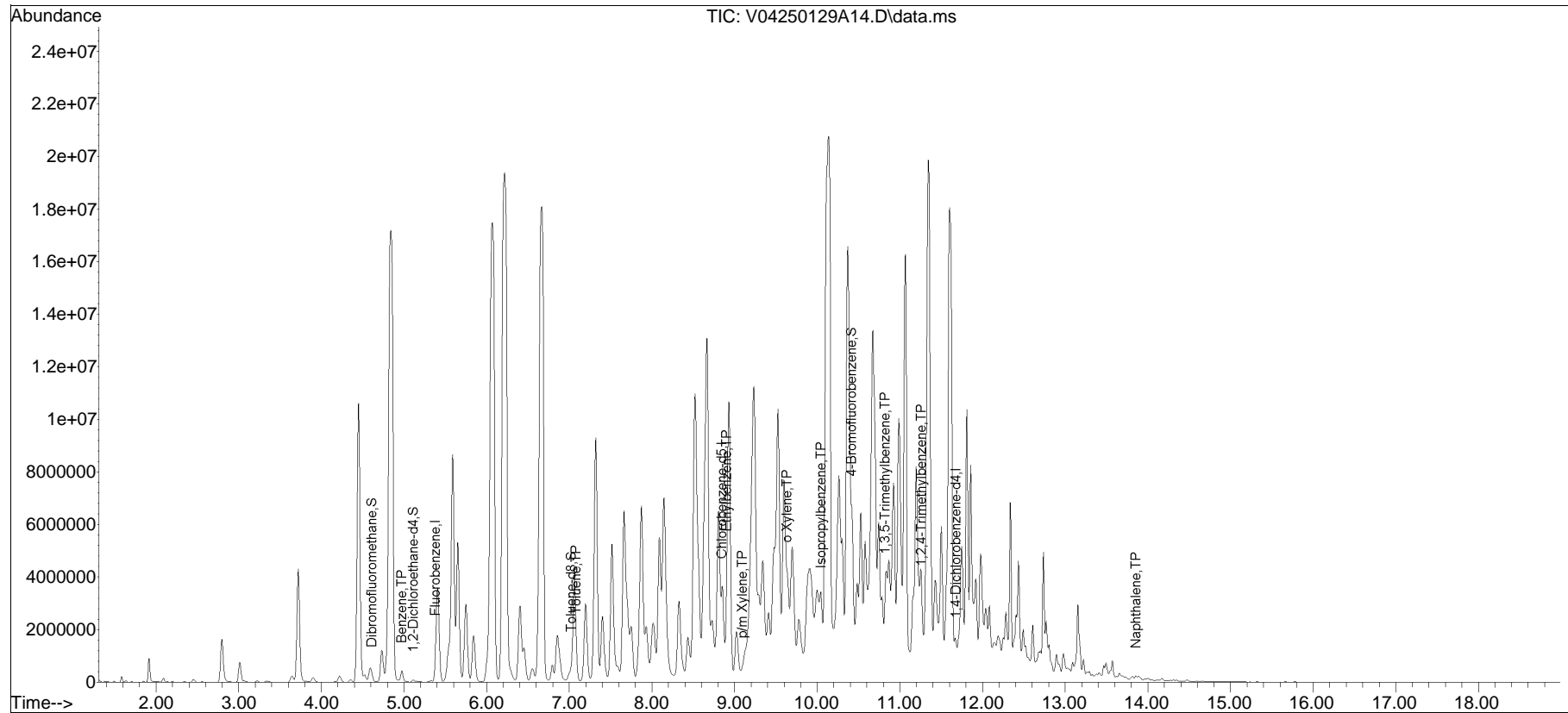


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129A\
Data File : V04250129A14.D
Acq On : 29 Jan 2025 2:08 pm
Operator : VOA104:JIC
Sample : 12503263-83,31,3.54,5,,b,32.87,36.66,0.25
Misc : WG2025234,ICAL21802
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 08:55:52 2025
Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

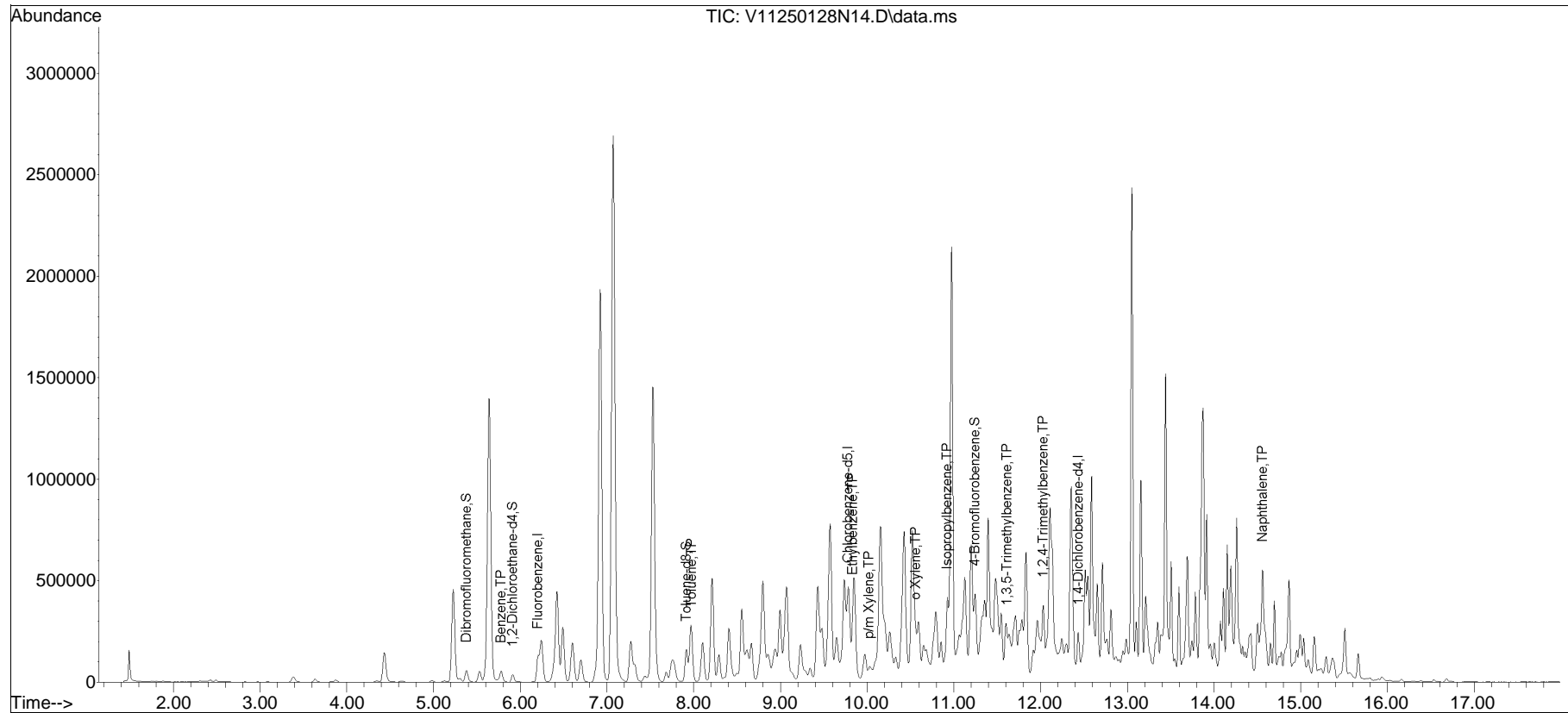


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
 Data File : V11250128N14.D
 Acq On : 29 Jan 2025 03:48 am
 Operator : VOA111:JIC
 Sample : L2503263-85,31H,3.44,5,0.100,,A,30.49,34.43,0
 Misc : WG2024843,ICAL21910
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 29 08:59:15 2025
 Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Jan 22 07:38:45 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

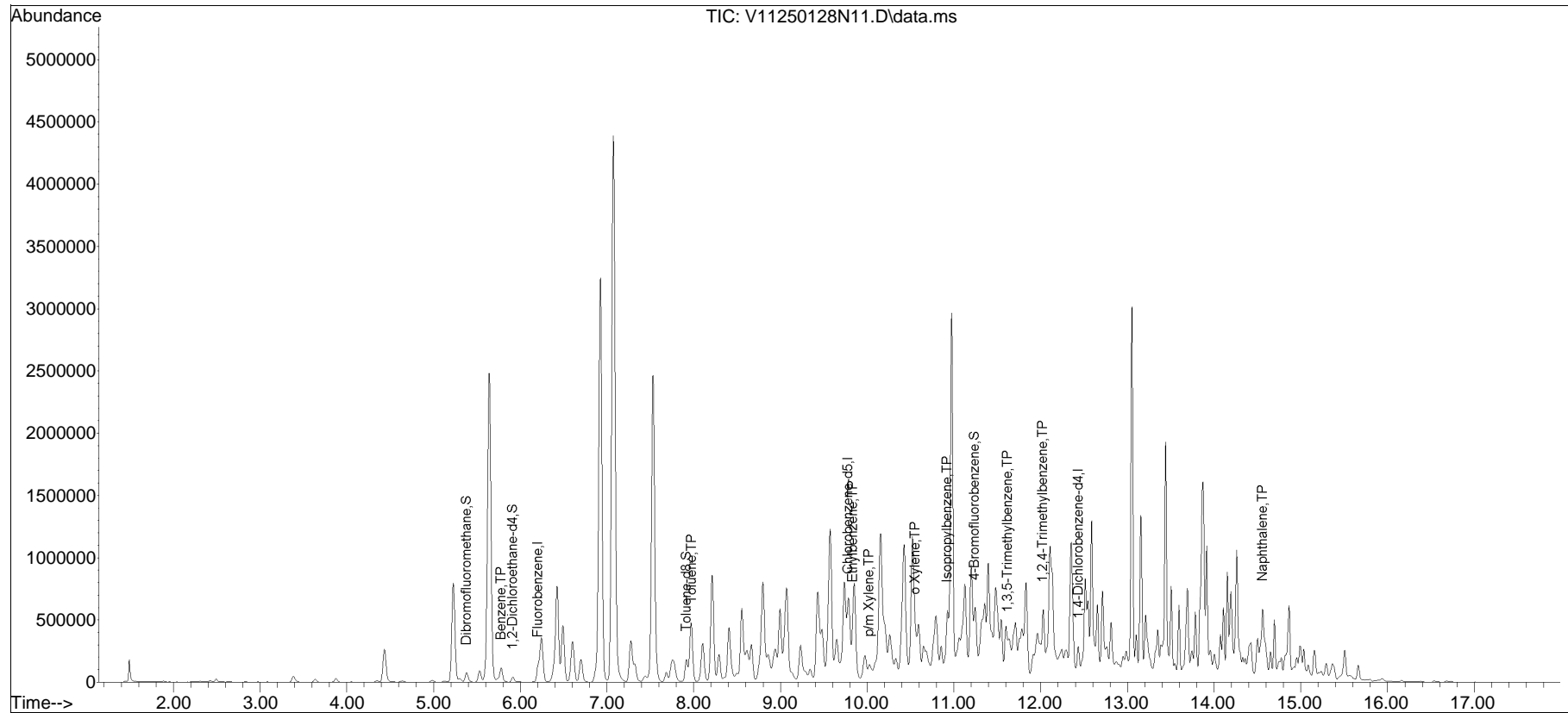


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250128N\
Data File : V11250128N11.D
Acq On : 29 Jan 2025 02:33 am
Operator : VOA111:JIC
Sample : L2503263-87,31H,4.16,5,0.100,,A,30.22,34.88,0
Misc : WG2024843,ICAL21910
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 29 08:59:03 2025
Quant Method : K:\VOA111\2025\250128N\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list128N02.D•

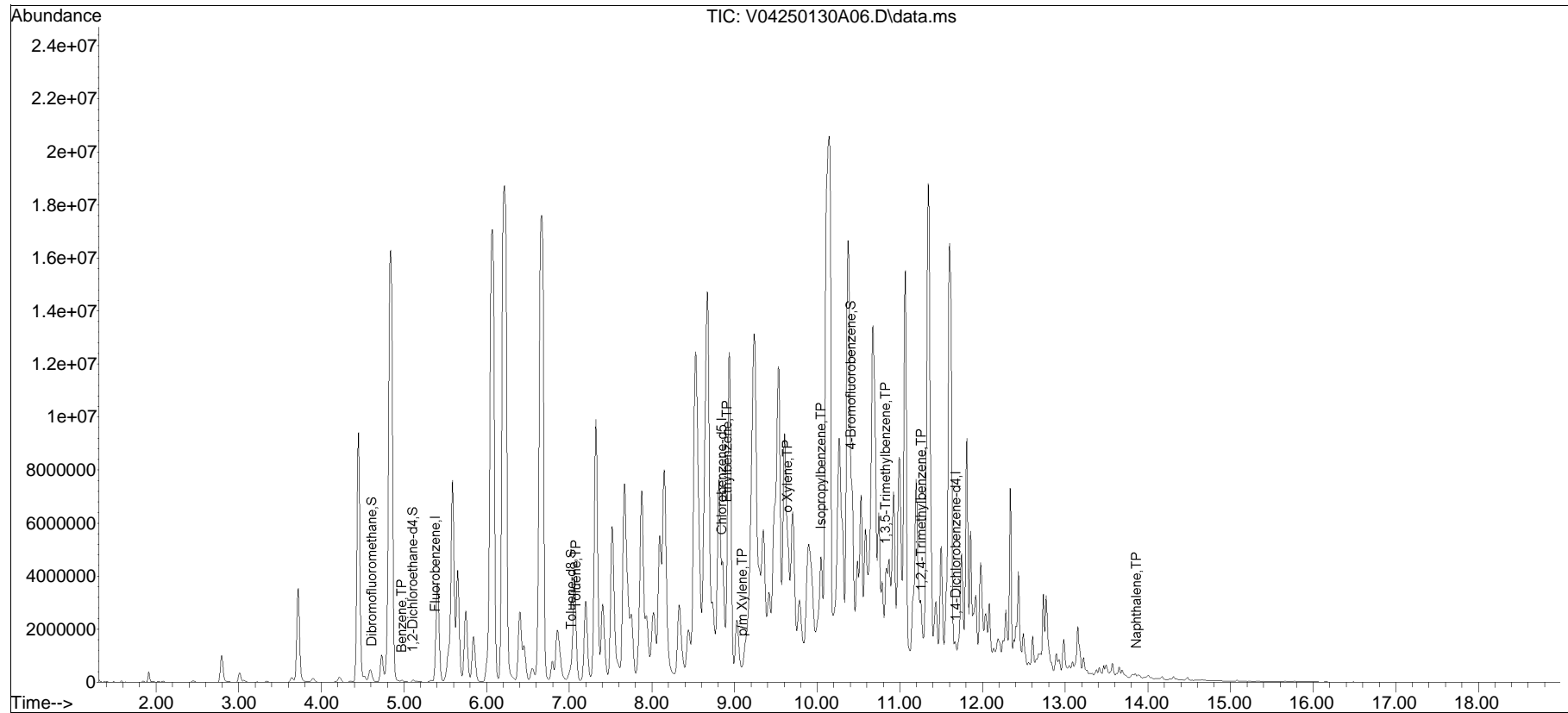


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
Data File : V04250130A06.D
Acq On : 30 Jan 2025 10:42 am
Operator : VOA104:AJK
Sample : 12503263-89,31,5.62,5,,b,32.71,38.58,0.25
Misc : WG2025659,ICAL21802
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 30 15:00:55 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

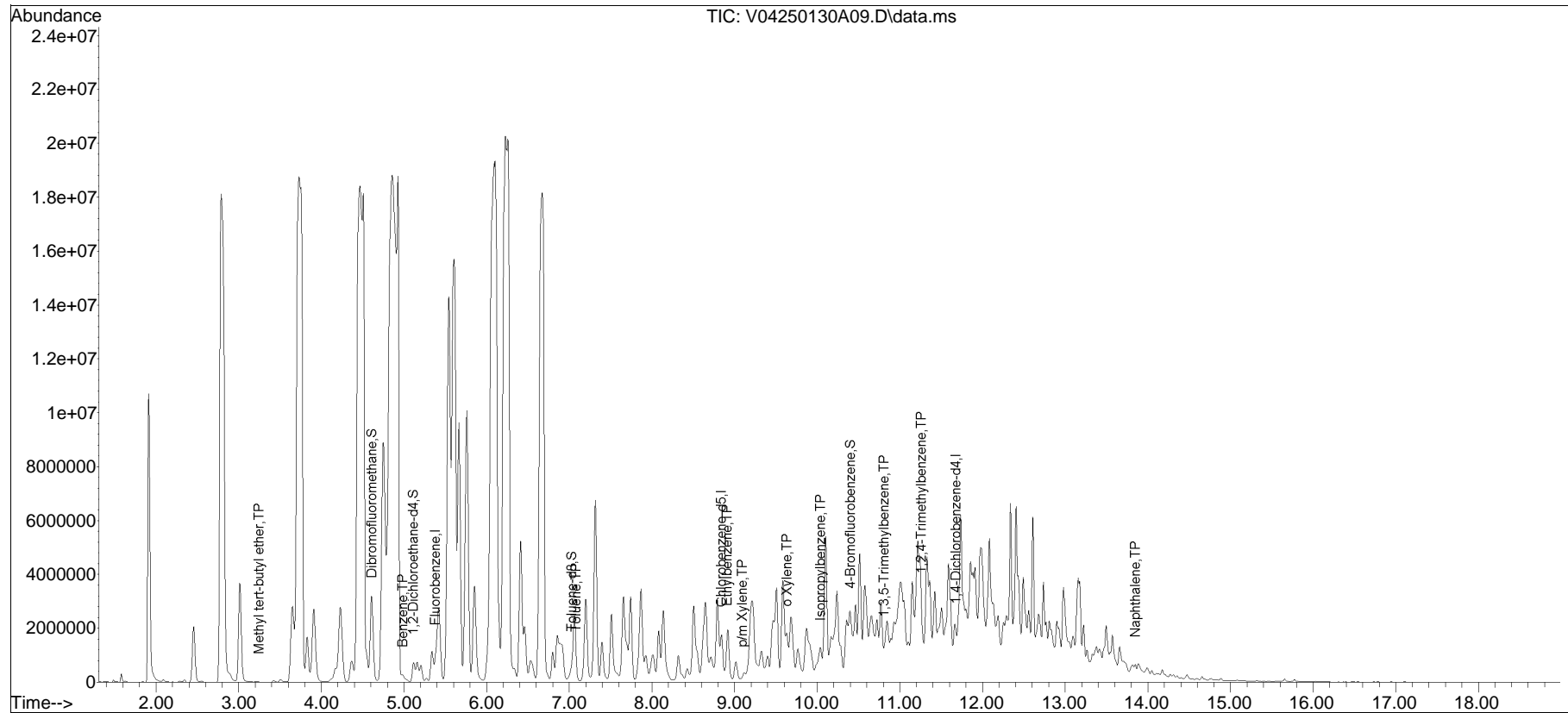


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
 Data File : V04250130A09.D
 Acq On : 30 Jan 2025 12:00 pm
 Operator : VOA104:AJK
 Sample : 12503263-95,31,3.32,5,,b,32.85,36.42,0.25
 Misc : WG2025659,ICAL21802
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 15:02:19 2025
 Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Dec 20 14:33:43 2024
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

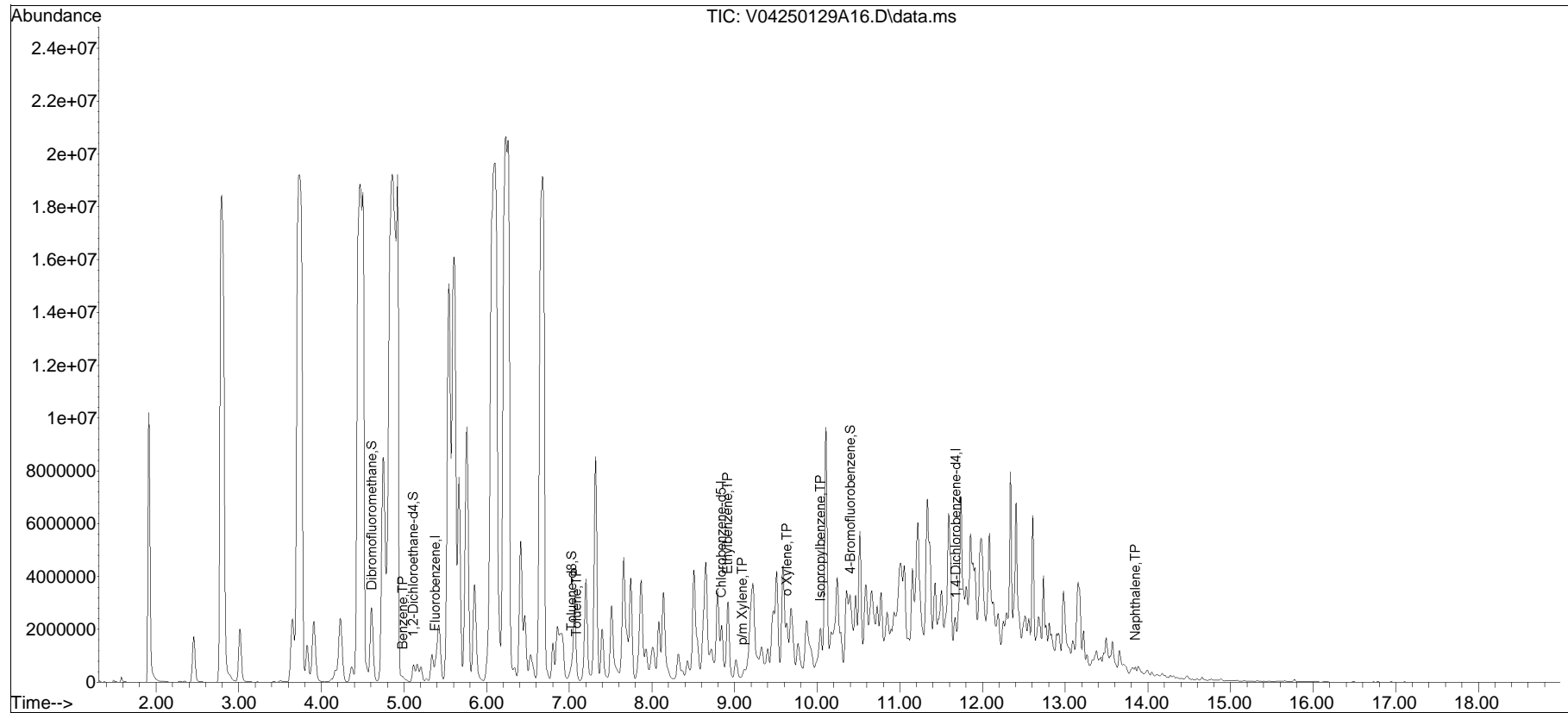


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129\
 Data File : V04250129A16.D
 Acq On : 29 Jan 2025 3:00 pm
 Operator : VOA104:JIC
 Sample : 12503263-97,31,5.09,5,,b,32.75,38.09,0.25
 Misc : WG2025234,ICAL21802
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 30 08:56:56 2025
 Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Dec 20 14:33:43 2024
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

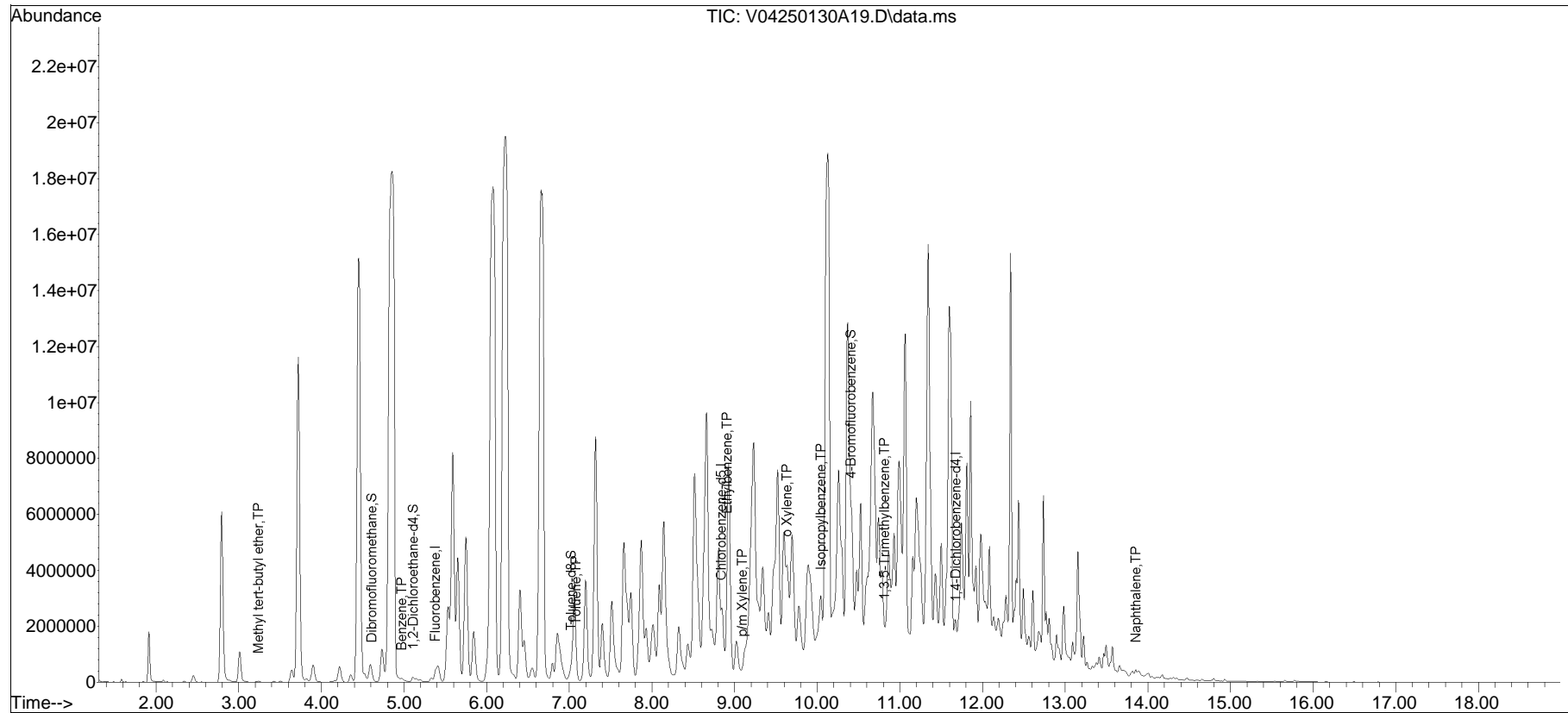


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130A\
Data File : V04250130A19.D
Acq On : 30 Jan 2025 4:21 pm
Operator : VOA104:JIC
Sample : L2503263-99,31,5.59,5,,B,32.94,38.78,0.25
Misc : WG2025659,ICAL21802
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 10:33:17 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

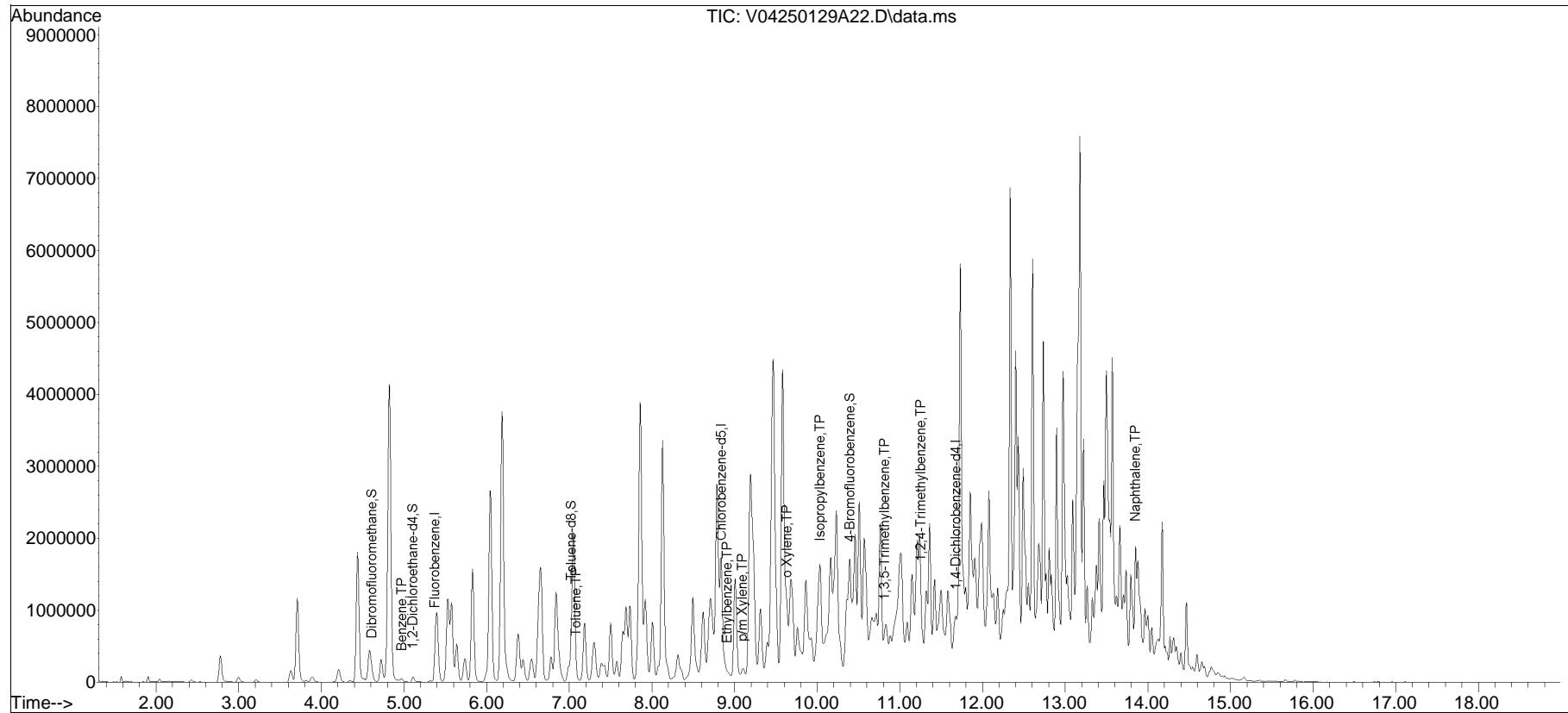


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129A\
Data File : V04250129A22.D
Acq On : 29 Jan 2025 5:36 pm
Operator : VOA104:JIC
Sample : 12503263-101,31h,2.69,5,0.100,,a,30.40,33.59,
Misc : WG2025237,ICAL21802
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 30 06:31:27 2025
Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

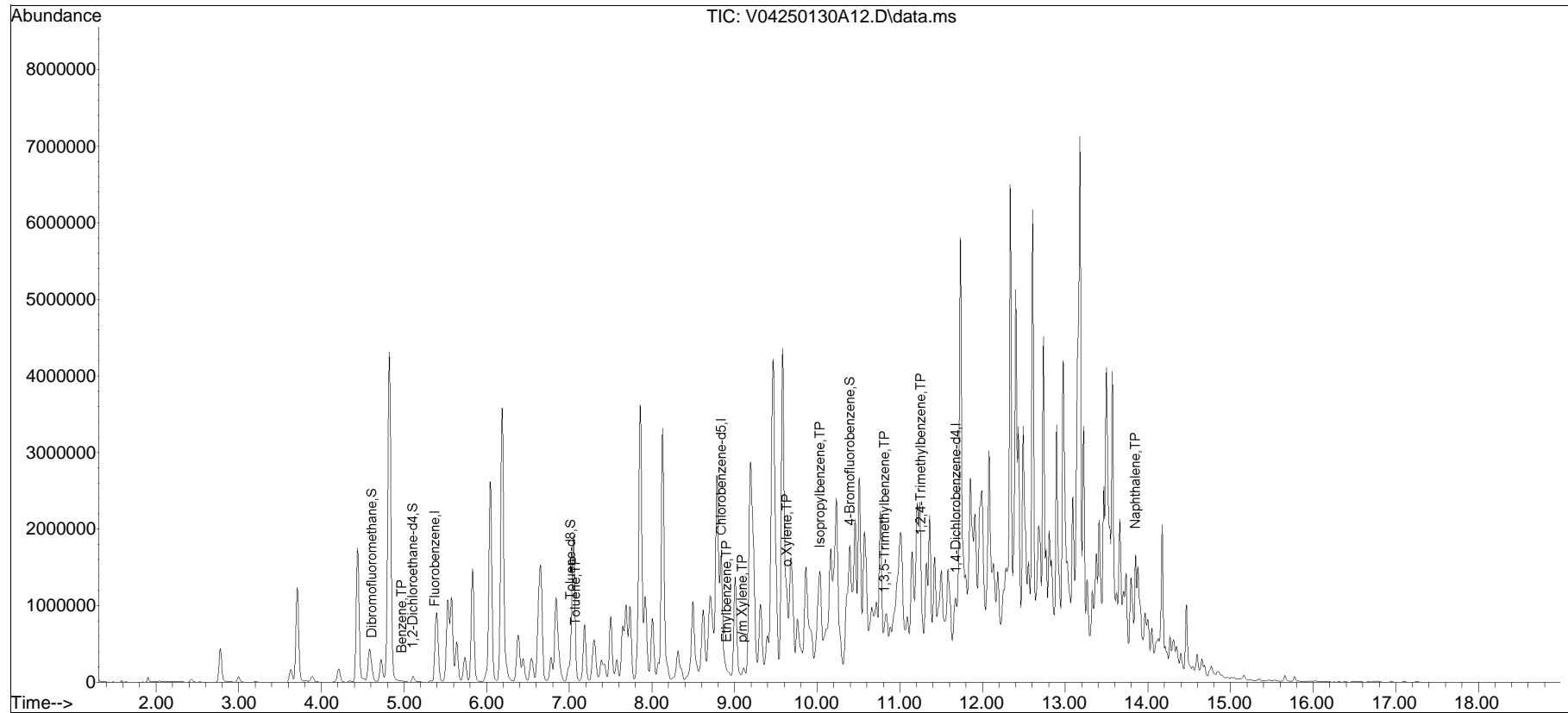


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
Data File : V04250130A12.D
Acq On : 30 Jan 2025 1:19 pm
Operator : VOA104:AJK
Sample : 12503263-103,31h,5.14,5,0.100,,a,30.28,35.67,
Misc : WG2025660,ICAL21802
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 15:04:29 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

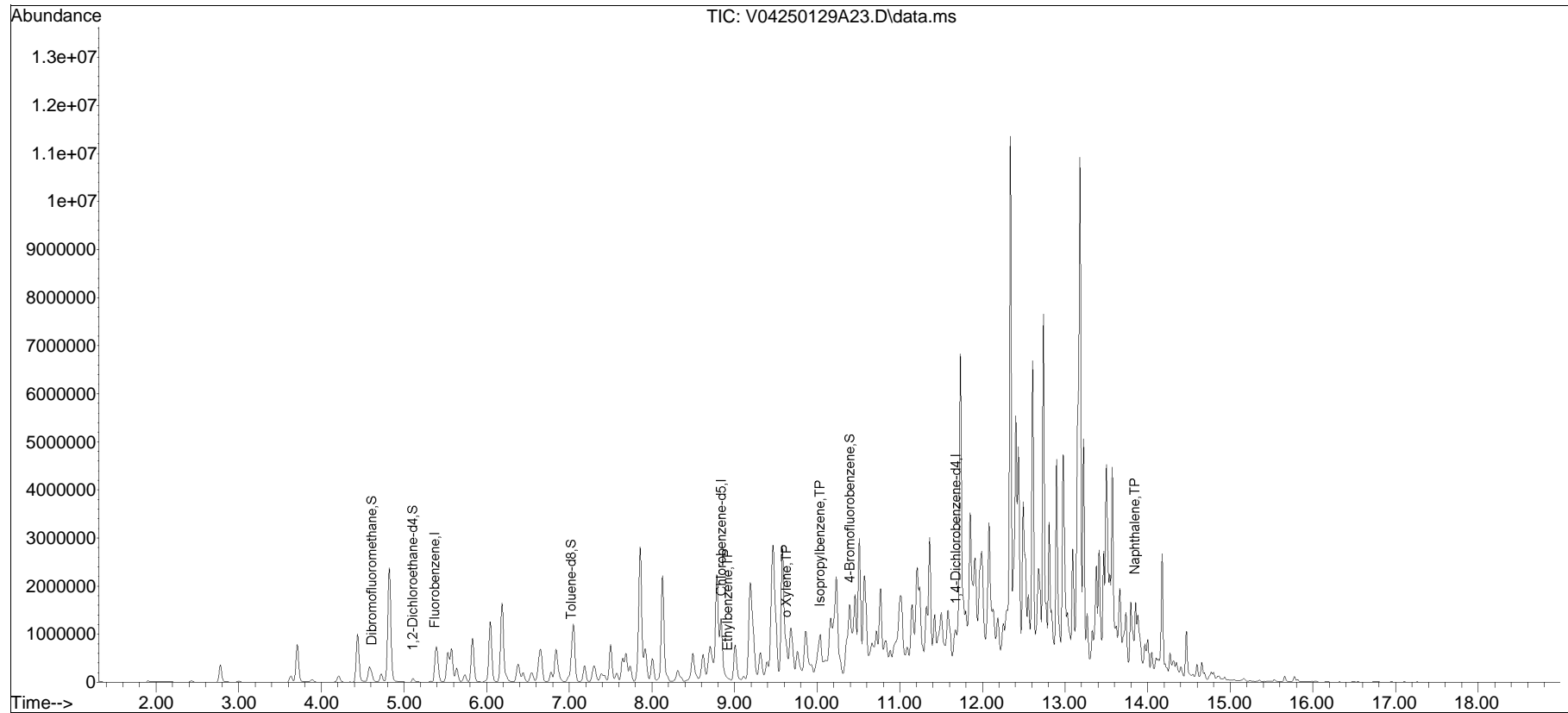


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129\
Data File : V04250129A23.D
Acq On : 29 Jan 2025 6:02 pm
Operator : VOA104:JIC
Sample : 12503263-105,31h,5.89,5,0.100,,a,30.38,36.77,
Misc : WG2025237,ICAL21802
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 09:00:11 2025
Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

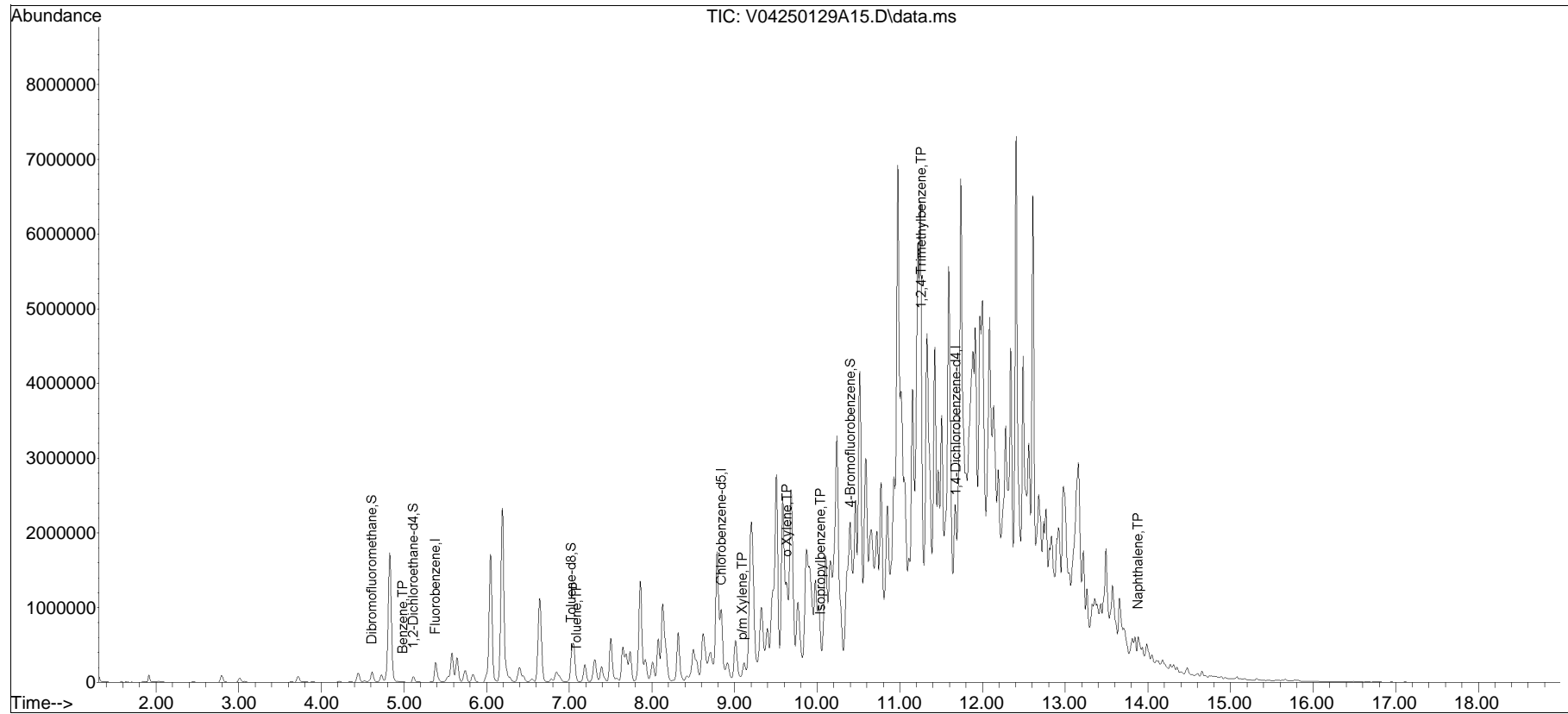


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250129A\
Data File : V04250129A15.D
Acq On : 29 Jan 2025 2:34 pm
Operator : VOA104:JIC
Sample : 12503263-107,31,5.33,5,,b,32.82,38.40,0.25
Misc : WG2025234,ICAL21802
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 30 08:56:39 2025
Quant Method : K:\VOA104\2025\250129A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list129A01.D•

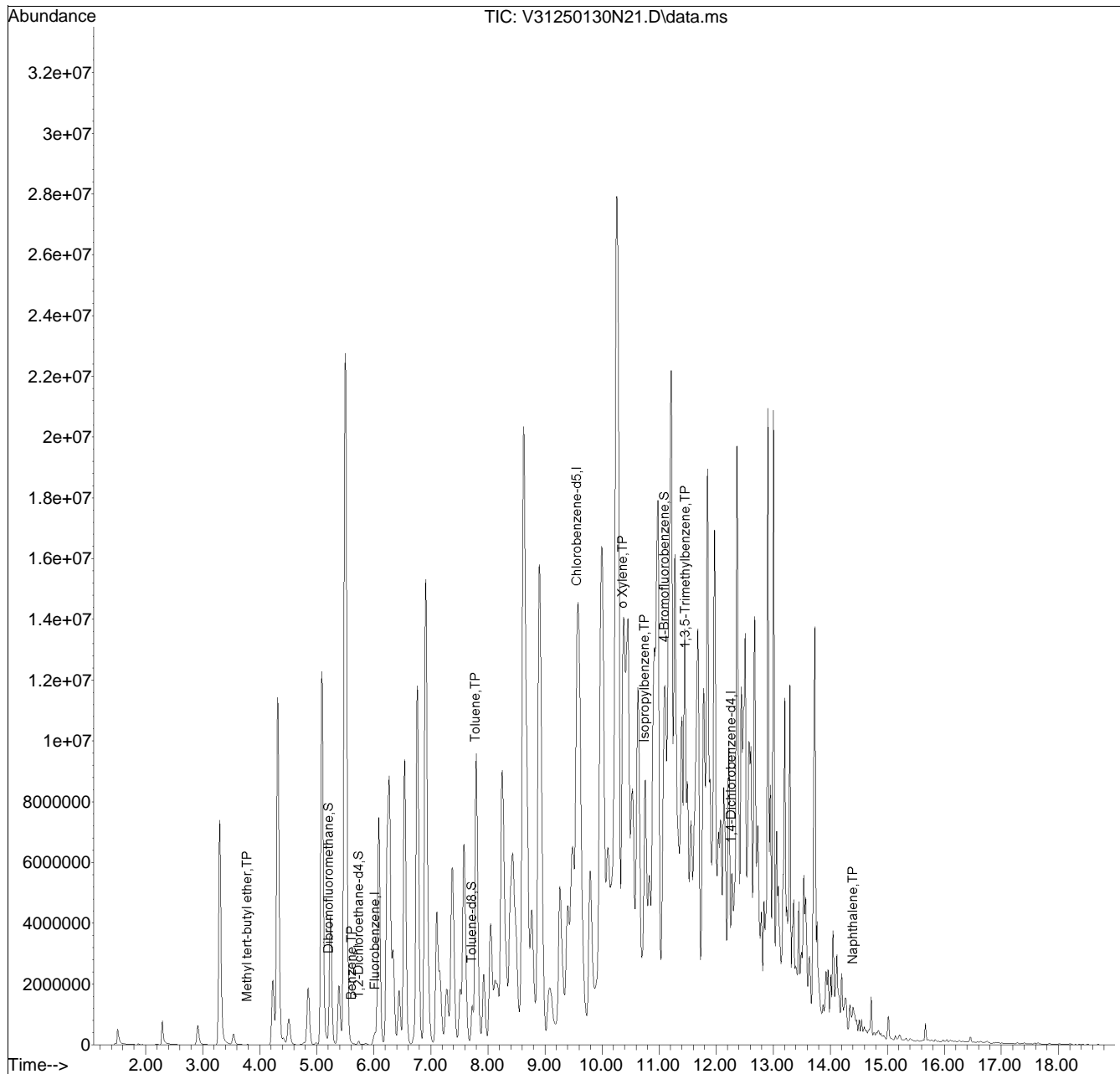


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250130N\
Data File : V31250130N21.D
Acq On : 30 Jan 2025 11:42 pm
Operator : VOA131:JIC
Sample : L2503263-109,31,5.84,5,,C,32.82,39.16,0.50
Misc : WG2025645,ICAL21866
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 31 10:37:16 2025
Quant Method : K:\VOA131\2025\250130N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130N01.D•

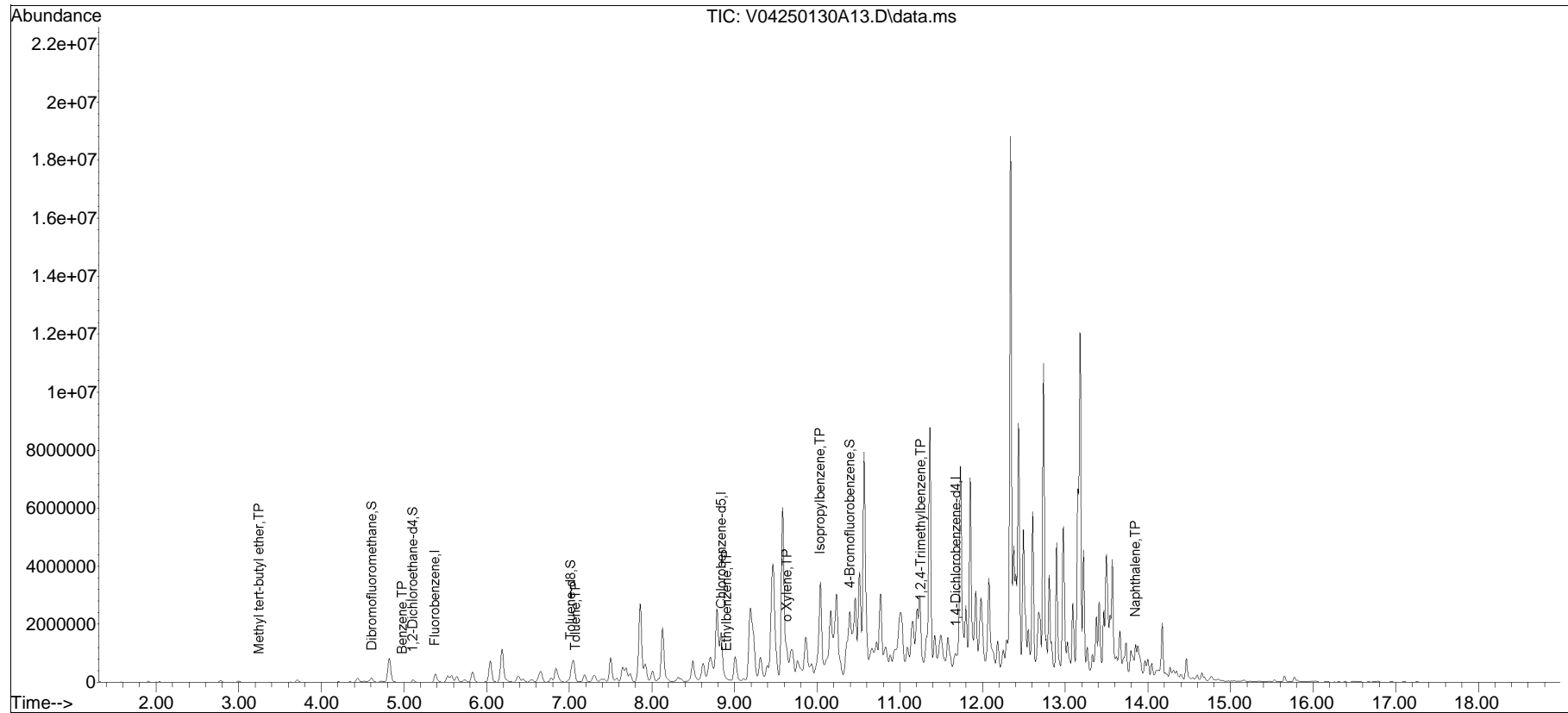


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
Data File : V04250130A13.D
Acq On : 30 Jan 2025 1:45 pm
Operator : VOA104:AJK
Sample : 12503263-111,31h,5.96,5,0.100,,a,30.77,37.23,
Misc : WG2025660,ICAL21802
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 15:08:13 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

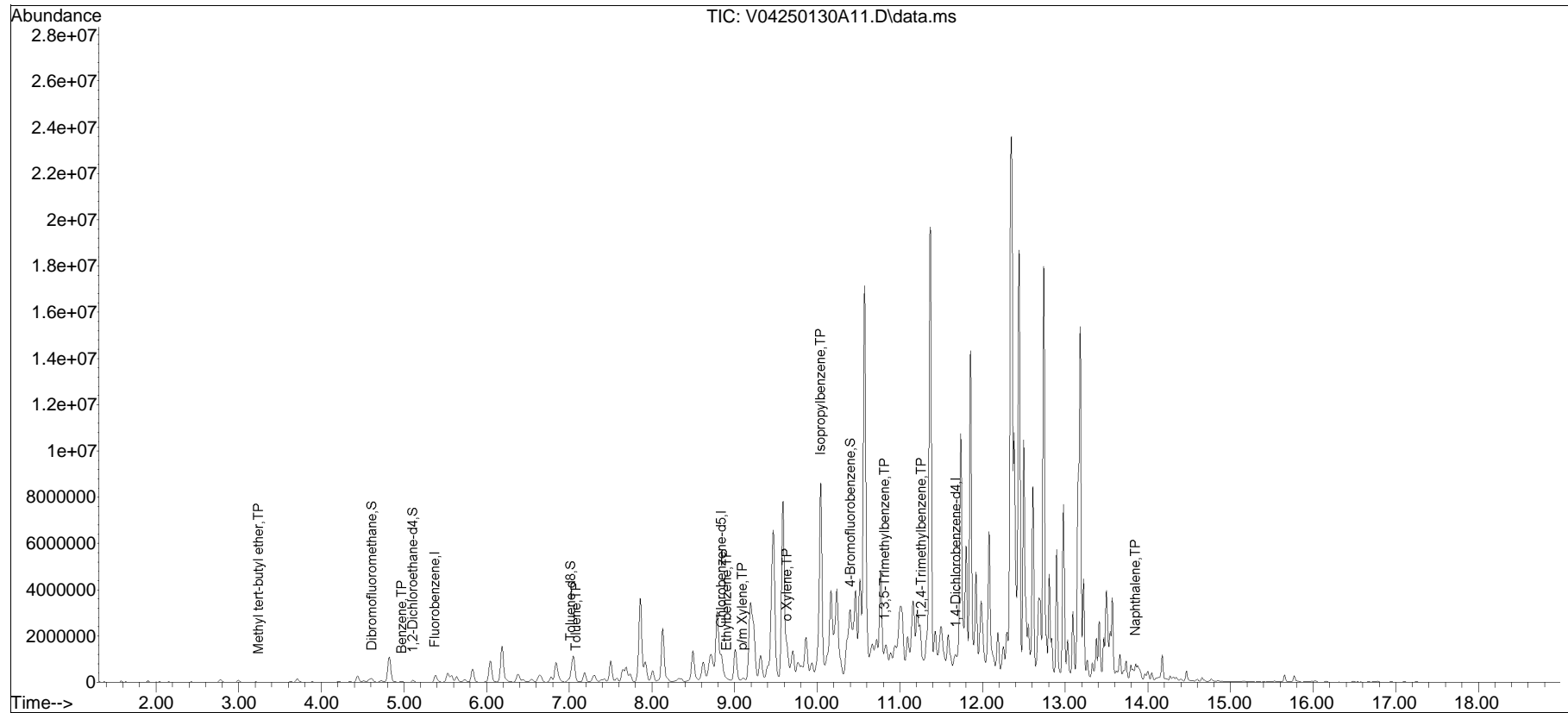


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
Data File : V04250130A11.D
Acq On : 30 Jan 2025 12:52 pm
Operator : VOA104:AJK
Sample : 12503263-113,31h,5.25,5,0.100,,a,30.54,36.04,
Misc : WG2025660,ICAL21802
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 30 15:03:31 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•

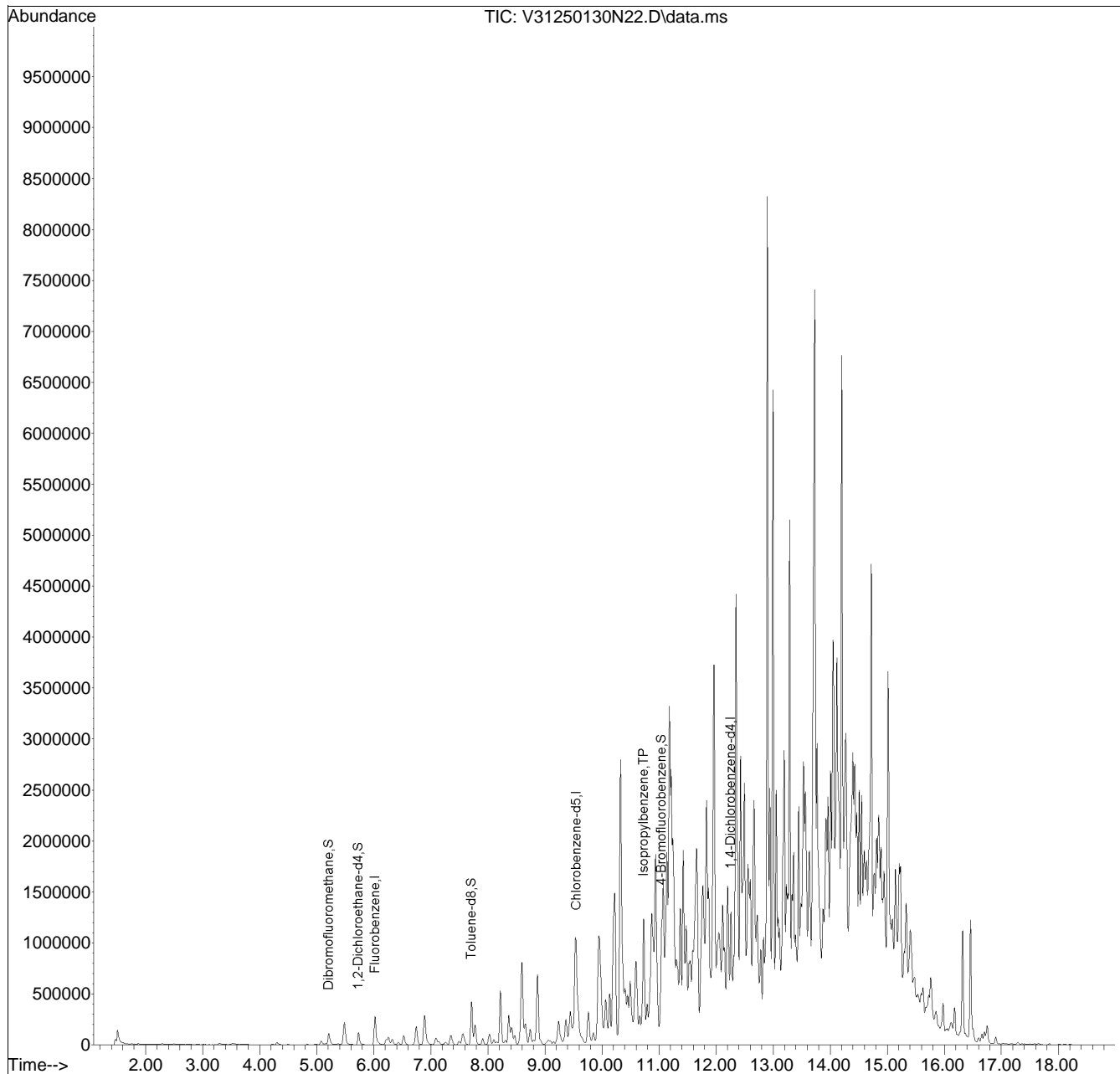


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250130N\
Data File : V31250130N22.D
Acq On : 31 Jan 2025 12:05 am
Operator : VOA131:JIC
Sample : L2503263-113D,31H,5.25,5,0.01,,A,30.54,36.04,
Misc : WG2025646,ICAL21866
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 31 08:04:48 2025
Quant Method : K:\VOA131\2025\250130N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-IPB - IPB2025\250130N\V31250130N01.D•

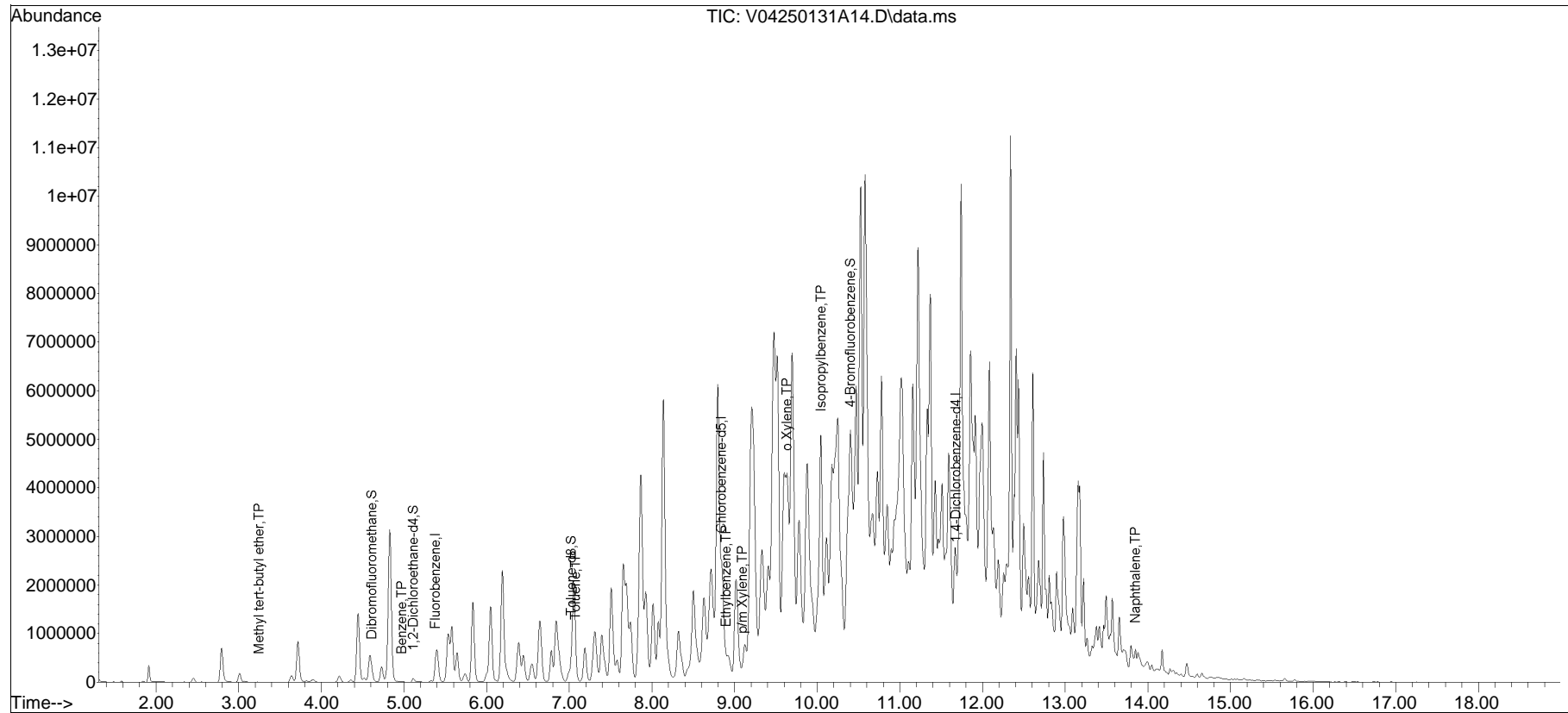


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250131A\
Data File : V04250131A14.D
Acq On : 31 Jan 2025 11:29 am
Operator : VOA104:JIC
Sample : L2503263-115,31,5.37,5,,C,33.20,38.82,0.25
Misc : WG2025713,ICAL21802
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 13:37:54 2025
Quant Method : K:\VOA104\2025\250131A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list131A01.D•

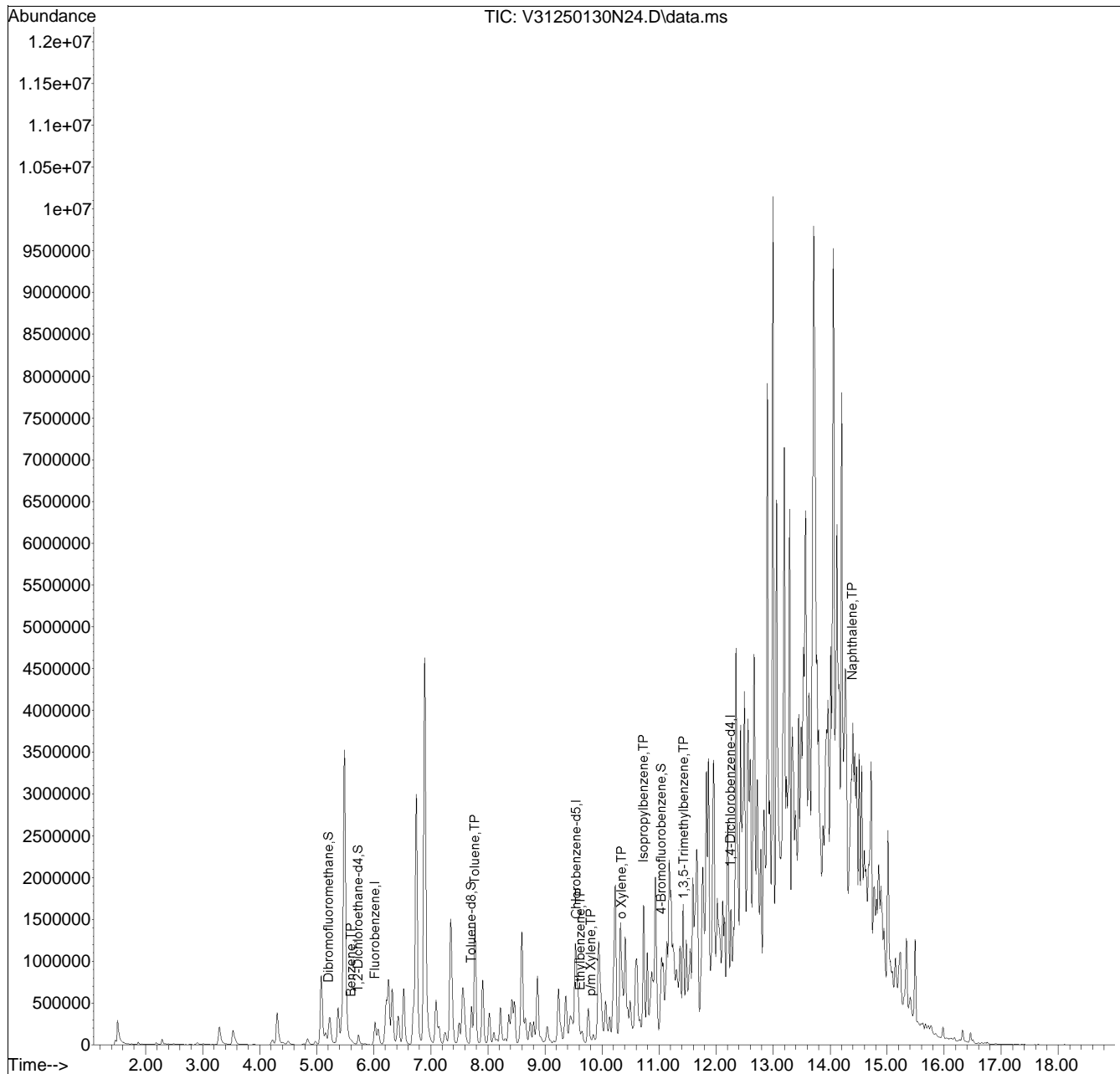


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250130N\
Data File : V31250130N24.D
Acq On : 31 Jan 2025 12:49 am
Operator : VOA131:JIC
Sample : L2503263-117,31,5.15,5,,B,32.74,38.14,0.25
Misc : WG2025645,ICAL21866
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 10:37:55 2025
Quant Method : K:\VOA131\2025\250130N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130N01.D•

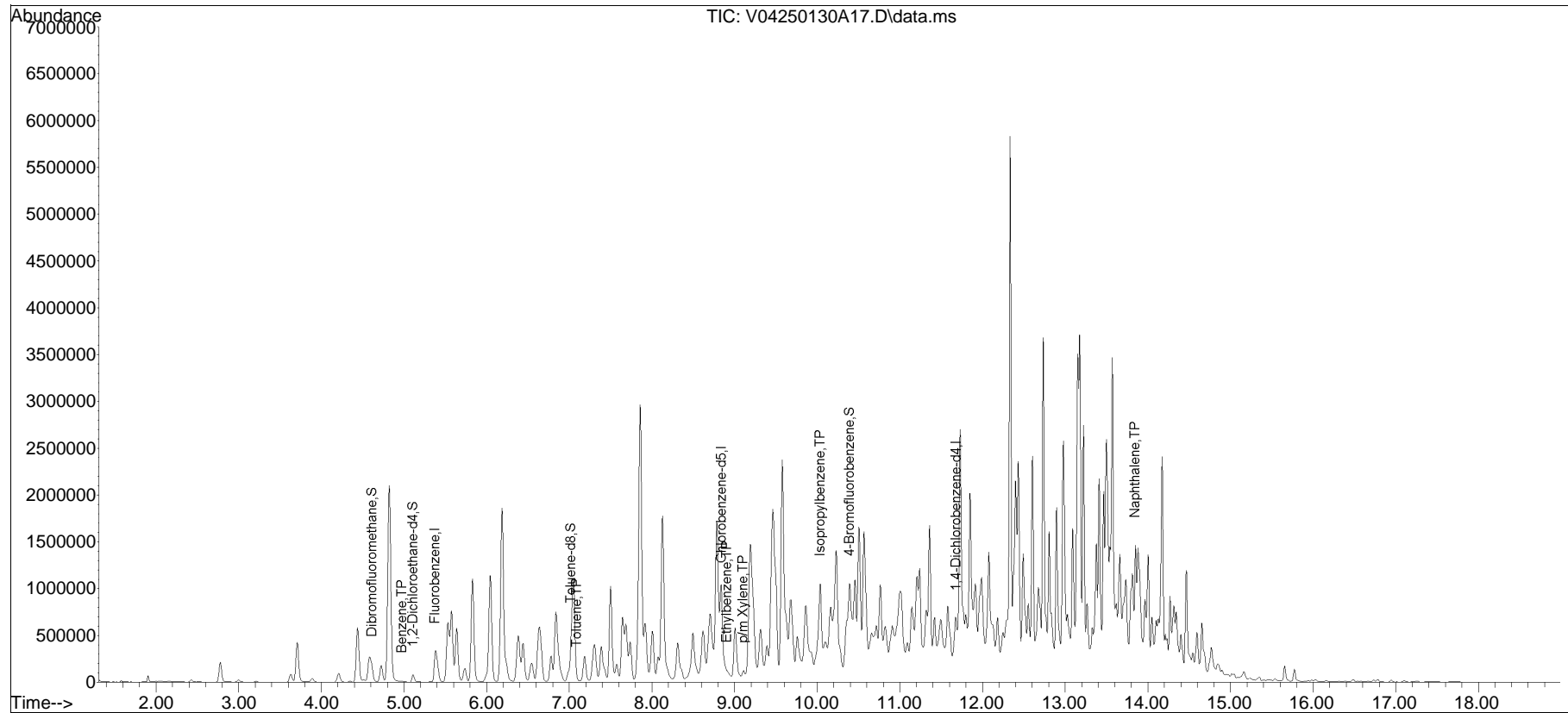


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\250130\
Data File : V04250130A17.D
Acq On : 30 Jan 2025 3:29 pm
Operator : VOA104:JIC
Sample : L2503263-119,31H,5.77,5,0.100,,A,30.43,36.70,
Misc : WG2025660,ICAL21802
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 10:32:53 2025
Quant Method : K:\VOA104\2025\250130A\V104_241220A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Dec 20 14:33:43 2024
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list130A01.D•





ANALYTICAL REPORT

Lab Number:	L2504484
Client:	Terraphase Engineering Inc. 1100 East Hector Street Suite 400 Conshohocken, PA 19428
ATTN:	Alexander Strohl
Phone:	(215) 297-3502
Project Name:	BDH
Project Number:	P044.001.001
Report Date:	02/10/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2504484-01	401-MA3-1-21-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 09:35	01/27/25
L2504484-02	401-MA3-1-21-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 09:40	01/27/25
L2504484-03	401-MA3-1-21-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 09:45	01/27/25
L2504484-04	401-MA3-1-21-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 09:50	01/27/25
L2504484-05	401-MA3-1-21-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 09:55	01/27/25
L2504484-06	401-MA3-1-21-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 10:00	01/27/25
L2504484-07	401-MA3-1-21-C4-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 10:05	01/27/25
L2504484-08	401-MA3-1-21-C4-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 10:10	01/27/25
L2504484-09	401-MA3-1-21-C5-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 10:15	01/27/25
L2504484-10	401-MA3-1-21-C5-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 10:20	01/27/25
L2504484-11	401-MA3-1-49-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:15	01/27/25
L2504484-12	401-MA3-1-49-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:20	01/27/25
L2504484-13	401-MA3-1-49-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:25	01/27/25
L2504484-14	401-MA3-1-49-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:30	01/27/25
L2504484-15	401-MA3-1-49-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:35	01/27/25
L2504484-16	401-MA3-1-49-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 11:40	01/27/25
L2504484-17	401-MA3-1-54-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:00	01/27/25
L2504484-18	401-MA3-1-54-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:05	01/27/25
L2504484-19	401-MA3-1-54-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:10	01/27/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2504484-20	401-MA3-1-54-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:15	01/27/25
L2504484-21	401-MA3-1-54-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:20	01/27/25
L2504484-22	401-MA3-1-54-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 13:25	01/27/25
L2504484-23	401-MA3-1-56-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 14:25	01/27/25
L2504484-24	401-MA3-1-56-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 14:30	01/27/25
L2504484-25	401-MA3-1-56-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 14:35	01/27/25
L2504484-26	401-MA3-1-56-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/27/25 14:40	01/27/25
L2504484-27	401-MA3-1-54-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 09:05	01/28/25
L2504484-28	401-MA3-1-55-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:15	01/28/25
L2504484-29	401-MA3-1-55-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:20	01/28/25
L2504484-30	401-MA3-1-55-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:25	01/28/25
L2504484-31	401-MA3-1-55-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:30	01/28/25
L2504484-32	401-MA3-1-55-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:35	01/28/25
L2504484-33	401-MA3-1-55-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:40	01/28/25
L2504484-34	401-MA3-1-55-C4-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:45	01/28/25
L2504484-35	401-MA3-1-55-C4-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:50	01/28/25
L2504484-36	401-MA3-1-55-C5-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 10:55	01/28/25
L2504484-37	401-MA3-1-55-C5-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 11:00	01/28/25
L2504484-38	401-MA3-1-57-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:30	01/28/25
L2504484-39	401-MA3-1-57-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:35	01/28/25
L2504484-40	401-MA3-1-57-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:40	01/28/25
L2504484-408	401-MA3-1-57-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:45	01/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2504484-42	401-MA3-1-57-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:50	01/28/25
L2504484-43	401-MA3-1-57-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 12:55	01/28/25
L2504484-44	401-MA3-1-57-C4-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 13:00	01/28/25
L2504484-45	401-MA3-1-57-C4-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 13:05	01/28/25
L2504484-46	401-MA3-1-57-C5-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 13:10	01/28/25
L2504484-47	401-MA3-1-57-C5-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 13:15	01/28/25
L2504484-48	401-MA3-1-58-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 14:00	01/28/25
L2504484-49	401-MA3-1-58-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/28/25 14:05	01/28/25
L2504484-50	401-MA3-1-59-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 08:55	01/29/25
L2504484-51	401-MA3-1-59-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:00	01/29/25
L2504484-52	401-MA3-1-59-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:05	01/29/25
L2504484-53	401-MA3-1-59-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:10	01/29/25
L2504484-54	401-MA3-1-59-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:15	01/29/25
L2504484-55	401-MA3-1-59-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:20	01/29/25
L2504484-56	401-MA3-1-59-C4-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:25	01/29/25
L2504484-57	401-MA3-1-59-C4-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:30	01/29/25
L2504484-58	401-MA3-1-59-C5-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:35	01/29/25
L2504484-59	401-MA3-1-59-C5-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 09:40	01/29/25
L2504484-60	401-MA3-1-60-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:00	01/29/25
L2504484-61	401-MA3-1-60-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:05	01/29/25
L2504484-62	401-MA3-1-60-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:10	01/29/25
L2504484-63	401-MA3-1-60-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:15	01/29/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2504484-64	401-MA3-1-60-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:20	01/29/25
L2504484-65	401-MA3-1-60-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 10:25	01/29/25
L2504484-66	401-MA3-1-72-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:00	01/29/25
L2504484-67	401-MA3-1-72-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:05	01/29/25
L2504484-68	401-MA3-1-72-C2-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:10	01/29/25
L2504484-69	401-MA3-1-72-C2-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:15	01/29/25
L2504484-70	401-MA3-1-72-C3-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:20	01/29/25
L2504484-71	401-MA3-1-72-C3-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 12:25	01/29/25
L2504484-72	401-MA3-1-68-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 13:35	01/29/25
L2504484-73	401-MA3-1-68-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/29/25 13:40	01/29/25
L2504484-74	401-MA3-1-35-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 09:00	01/30/25
L2504484-75	401-MA3-1-35-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 09:05	01/30/25
L2504484-76	401-MA3-1-34-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 10:00	01/30/25
L2504484-77	401-MA3-1-34-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 10:05	01/30/25
L2504484-78	401-MA3-1-33-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 11:05	01/30/25
L2504484-79	401-MA3-1-33-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 11:10	01/30/25
L2504484-80	401-MA3-1-32-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 12:10	01/30/25
L2504484-81	401-MA3-1-32-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 12:15	01/30/25
L2504484-82	401-MA3-1-24-C1-VOC	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 12:45	01/30/25
L2504484-83	401-MA3-1-24-C1-COMP	SOIL	3144 W. PASSYUNK AVE, PHILADELPHIA, PA	01/30/25 12:50	01/30/25

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Case Narrative (continued)

Report Revision

February 10, 2025: The Semivolatile Organics analyte list has been amended.

Report Submission

February 07, 2025: This final report includes the results of all requested analyses.

February 06, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Surrogate recoveries for the following samples are outside the acceptance criteria; however, the samples were not re-analyzed due to coelution with an obvious interference. Copies of the chromatograms are included as an attachment to this report:

L2504484-07: bromofluorobenzene (244%)

L2504484-11D: 4-bromofluorobenzene (170%)

L2504484-13D: 4-bromofluorobenzene (231%)

L2504484-15: toluene-d8 (142%) and 4-bromofluorobenzene (283%)

L2504484-19: 4-bromofluorobenzene (185%)

L2504484-21: 4-bromofluorobenzene (137%)

L2504484-23: toluene-d8 (374%) and 4-bromofluorobenzene (245%)

L2504484-25D: 4-bromofluorobenzene (137%)

L2504484-28: 4-bromofluorobenzene (164%)

L2504484-30: 4-bromofluorobenzene (237%)

L2504484-32: 4-bromofluorobenzene (198%)

L2504484-34: 4-bromofluorobenzene (300%)

L2504484-36: 4-bromofluorobenzene (443%)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Case Narrative (continued)

L2504484-46: 4-bromofluorobenzene (246%)
L2504484-48: 4-bromofluorobenzene (768%)
L2504484-66: 4-bromofluorobenzene (417%)
L2504484-68: 4-bromofluorobenzene (540%)
L2504484-70: 4-bromofluorobenzene (376%)
L2504484-72 (Low): 4-bromofluorobenzene (158%)
L2504484-74: 4-bromofluorobenzene (352%)
L2504484-76: 4-bromofluorobenzene (144%)
L2504484-78: 4-bromofluorobenzene (205%)
L2504484-80D2: toluene-d8 (131%) and 4-bromofluorobenzene (168%)
L2504484-82D: 4-bromofluorobenzene (179%)

L2504484-11D, -13D, -25D, and -82D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2504484-15: The surrogate recoveries are outside the method acceptance criteria for 1,2-dichloroethane-d4 (69%) and dibromofluoromethane (67%) due to interference with the Internal Standard.

L2504484-21, -28, -30, -32, -34, -46, and -76: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2504484-72: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

L2504484-04D, -12D, -22D, -37D, -39D, -41D, -73D, and -81D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Case Narrative (continued)

Total Metals

L2504484-02, -04, -06, -08, -10, -12, -14, -16, -18, -22, -24, -26, -27, -29, -31, -33, -35, -37, -39, -41, -43, -45, -47, -49, -51, -53, -55, -57, -59, -61, -63, -65, -67, -69, -71, -73, -75, -77, -79, -81, and -83:

The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG2025398-3 MS recovery, performed on L2504484-51, is outside the acceptance criteria for lead (132%) . A post digestion spike was performed and was within acceptance criteria.

The WG2024526-4 Laboratory Duplicate RPD for lead (22%), performed on L2504484-14, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG2025398-4 Laboratory Duplicate RPD for lead (71%), performed on L2504484-51, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 02/10/25

ORGANICS

VOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-01 D2
 Client ID: 401-MA3-1-21-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:35
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 11:35
 Analyst: AJK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.60	0.061	5
Benzene	11.		mg/kg	0.15	0.050	5
1,2-Dichloroethane	ND		mg/kg	0.30	0.078	5
Toluene	0.26	J	mg/kg	0.30	0.16	5
1,2-Dibromoethane	ND		mg/kg	0.15	0.088	5
Ethylbenzene	69.		mg/kg	0.30	0.042	5
p/m-Xylene	200	E	mg/kg	0.60	0.17	5
o-Xylene	2.2		mg/kg	0.30	0.088	5
Isopropylbenzene	8.7		mg/kg	0.30	0.033	5
1,3,5-Trimethylbenzene	51.		mg/kg	0.60	0.058	5
1,2,4-Trimethylbenzene	180	E	mg/kg	0.60	0.10	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-01 D
 Client ID: 401-MA3-1-21-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:35
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 08:03
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	180		mg/kg	1.2	0.34	10
Xylenes, Total	180		mg/kg	0.30	0.088	10
1,2,4-Trimethylbenzene	150		mg/kg	1.2	0.20	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-03 D2
 Client ID: 401-MA3-1-21-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:45
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 12:03
 Analyst: AJK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.2	0.12	10
Benzene	38.		mg/kg	0.30	0.099	10
1,2-Dichloroethane	ND		mg/kg	0.60	0.15	10
Toluene	0.86		mg/kg	0.60	0.32	10
1,2-Dibromoethane	ND		mg/kg	0.30	0.17	10
Ethylbenzene	140		mg/kg	0.60	0.084	10
p/m-Xylene	430	E	mg/kg	1.2	0.33	10
o-Xylene	9.9		mg/kg	0.60	0.17	10
Isopropylbenzene	16.		mg/kg	0.60	0.065	10
1,3,5-Trimethylbenzene	94.		mg/kg	1.2	0.12	10
1,2,4-Trimethylbenzene	320	E	mg/kg	1.2	0.20	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	90		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-03 D
 Client ID: 401-MA3-1-21-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:45
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 08:24
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	360		mg/kg	2.4	0.67	20
Xylenes, Total	370		mg/kg	0.60	0.17	20
1,2,4-Trimethylbenzene	260		mg/kg	2.4	0.40	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-05 D2
 Client ID: 401-MA3-1-21-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:55
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 12:30
 Analyst: AJK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	6.3	0.63	50
Benzene	160		mg/kg	1.6	0.52	50
1,2-Dichloroethane	ND		mg/kg	3.1	0.80	50
Toluene	7.4		mg/kg	3.1	1.7	50
1,2-Dibromoethane	ND		mg/kg	1.6	0.92	50
Ethylbenzene	550		mg/kg	3.1	0.44	50
p/m-Xylene	1900	E	mg/kg	6.3	1.8	50
o-Xylene	40.		mg/kg	3.1	0.91	50
Isopropylbenzene	60.		mg/kg	3.1	0.34	50
1,3,5-Trimethylbenzene	350		mg/kg	6.3	0.60	50
1,2,4-Trimethylbenzene	1200	E	mg/kg	6.3	1.0	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-05 D
 Client ID: 401-MA3-1-21-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:55
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 09:05
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	1800		mg/kg	12	3.5	100
Xylenes, Total	1800		mg/kg	3.1	0.91	100
1,2,4-Trimethylbenzene	1100		mg/kg	12	2.1	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-07
 Client ID: 401-MA3-1-21-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:05
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 07:21
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.47		mg/kg	0.034	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.069	0.018	1
Toluene	0.13		mg/kg	0.069	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.034	0.020	1
Ethylbenzene	0.22		mg/kg	0.069	0.0098	1
p/m-Xylene	0.86		mg/kg	0.14	0.039	1
o-Xylene	0.12		mg/kg	0.069	0.020	1
Xylenes, Total	0.98		mg/kg	0.069	0.020	1
Isopropylbenzene	4.7		mg/kg	0.069	0.0075	1
1,3,5-Trimethylbenzene	0.11	J	mg/kg	0.14	0.013	1
1,2,4-Trimethylbenzene	0.74		mg/kg	0.14	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	244	Q	70-130
Dibromofluoromethane	86		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-09
 Client ID: 401-MA3-1-21-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:15
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 02:50
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00021	1
Benzene	0.0086		mg/kg	0.00052	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	0.00094	J	mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00052	0.00030	1
Ethylbenzene	0.0036		mg/kg	0.0010	0.00014	1
p/m-Xylene	0.012		mg/kg	0.0021	0.00058	1
o-Xylene	0.00072	J	mg/kg	0.0010	0.00030	1
Xylenes, Total	0.013	J	mg/kg	0.0010	0.00030	1
Isopropylbenzene	0.017		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	0.0048		mg/kg	0.0021	0.00020	1
1,2,4-Trimethylbenzene	0.014		mg/kg	0.0021	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-11 D
 Client ID: 401-MA3-1-49-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:15
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 07:42
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	1.9	0.19	10
Benzene	1.2		mg/kg	0.48	0.16	10
1,2-Dichloroethane	ND		mg/kg	0.96	0.25	10
Toluene	1.9		mg/kg	0.96	0.52	10
1,2-Dibromoethane	ND		mg/kg	0.48	0.28	10
Ethylbenzene	4.4		mg/kg	0.96	0.14	10
p/m-Xylene	5.8		mg/kg	1.9	0.54	10
o-Xylene	1.2		mg/kg	0.96	0.28	10
Xylenes, Total	7.0		mg/kg	0.96	0.28	10
Isopropylbenzene	6.8		mg/kg	0.96	0.10	10
1,3,5-Trimethylbenzene	17.		mg/kg	1.9	0.18	10
1,2,4-Trimethylbenzene	8.2		mg/kg	1.9	0.32	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	170	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-13 D
 Client ID: 401-MA3-1-49-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:25
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 08:45
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	4.3	0.44	20
Benzene	6.9		mg/kg	1.1	0.36	20
1,2-Dichloroethane	ND		mg/kg	2.2	0.56	20
Toluene	7.9		mg/kg	2.2	1.2	20
1,2-Dibromoethane	ND		mg/kg	1.1	0.63	20
Ethylbenzene	32.		mg/kg	2.2	0.30	20
p/m-Xylene	29.		mg/kg	4.3	1.2	20
o-Xylene	4.1		mg/kg	2.2	0.63	20
Xylenes, Total	33.		mg/kg	2.2	0.63	20
Isopropylbenzene	62.		mg/kg	2.2	0.24	20
1,3,5-Trimethylbenzene	83.		mg/kg	4.3	0.42	20
1,2,4-Trimethylbenzene	23.		mg/kg	4.3	0.72	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	231	Q	70-130
Dibromofluoromethane	85		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-15
 Client ID: 401-MA3-1-49-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:35
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 06:19
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	0.29		mg/kg	0.029	0.0096	1
1,2-Dichloroethane	ND		mg/kg	0.058	0.015	1
Toluene	0.30		mg/kg	0.058	0.031	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	0.56		mg/kg	0.058	0.0081	1
p/m-Xylene	1.3		mg/kg	0.12	0.032	1
o-Xylene	0.18		mg/kg	0.058	0.017	1
Xylenes, Total	1.5		mg/kg	0.058	0.017	1
Isopropylbenzene	3.1		mg/kg	0.058	0.0063	1
1,3,5-Trimethylbenzene	0.96		mg/kg	0.12	0.011	1
1,2,4-Trimethylbenzene	0.14		mg/kg	0.12	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	69	Q	70-130
Toluene-d8	142	Q	70-130
4-Bromofluorobenzene	283	Q	70-130
Dibromofluoromethane	67	Q	70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-17
 Client ID: 401-MA3-1-54-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:00
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 02:29
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0018	0.00018	1
Benzene	ND		mg/kg	0.00046	0.00015	1
1,2-Dichloroethane	ND		mg/kg	0.00092	0.00024	1
Toluene	ND		mg/kg	0.00092	0.00050	1
1,2-Dibromoethane	ND		mg/kg	0.00046	0.00027	1
Ethylbenzene	0.00017	J	mg/kg	0.00092	0.00013	1
p/m-Xylene	0.00065	J	mg/kg	0.0018	0.00052	1
o-Xylene	ND		mg/kg	0.00092	0.00027	1
Xylenes, Total	0.00065	J	mg/kg	0.00092	0.00027	1
Isopropylbenzene	0.00055	J	mg/kg	0.00092	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0018	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0018	0.00031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	112		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-19
 Client ID: 401-MA3-1-54-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:10
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 06:39
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.36		mg/kg	0.034	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.067	0.017	1
Toluene	0.19		mg/kg	0.067	0.036	1
1,2-Dibromoethane	ND		mg/kg	0.034	0.020	1
Ethylbenzene	0.36		mg/kg	0.067	0.0094	1
p/m-Xylene	0.35		mg/kg	0.13	0.038	1
o-Xylene	0.10		mg/kg	0.067	0.020	1
Xylenes, Total	0.45		mg/kg	0.067	0.020	1
Isopropylbenzene	4.1		mg/kg	0.067	0.0073	1
1,3,5-Trimethylbenzene	0.024	J	mg/kg	0.13	0.013	1
1,2,4-Trimethylbenzene	0.12	J	mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	185	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-21
 Client ID: 401-MA3-1-54-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:20
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 07:00
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.12	0.012	1
Benzene	ND		mg/kg	0.030	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.060	0.016	1
Toluene	ND		mg/kg	0.060	0.033	1
1,2-Dibromoethane	ND		mg/kg	0.030	0.018	1
Ethylbenzene	ND		mg/kg	0.060	0.0085	1
p/m-Xylene	ND		mg/kg	0.12	0.034	1
o-Xylene	ND		mg/kg	0.060	0.018	1
Xylenes, Total	ND		mg/kg	0.060	0.018	1
Isopropylbenzene	0.37		mg/kg	0.060	0.0066	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.12	0.012	1
1,2,4-Trimethylbenzene	0.022	J	mg/kg	0.12	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	137	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-23
 Client ID: 401-MA3-1-56-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:25
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 05:16
 Analyst: JIC
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.98		mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.070	0.018	1
Toluene	0.11		mg/kg	0.070	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.020	1
Ethylbenzene	14.		mg/kg	0.070	0.0098	1
p/m-Xylene	19.		mg/kg	0.14	0.039	1
o-Xylene	ND		mg/kg	0.070	0.020	1
Xylenes, Total	19.		mg/kg	0.070	0.020	1
Isopropylbenzene	7.4		mg/kg	0.070	0.0076	1
1,3,5-Trimethylbenzene	4.6		mg/kg	0.14	0.013	1
1,2,4-Trimethylbenzene	24.	E	mg/kg	0.14	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	374	Q	70-130
4-Bromofluorobenzene	245	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-23 D
 Client ID: 401-MA3-1-56-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:25
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 11:08
 Analyst: AJK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	29.		mg/kg	1.4	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	127		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	92		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-25 D
 Client ID: 401-MA3-1-56-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:35
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 05:37
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.99	0.10	10
Benzene	ND		mg/kg	0.25	0.082	10
1,2-Dichloroethane	ND		mg/kg	0.50	0.13	10
Toluene	ND		mg/kg	0.50	0.27	10
1,2-Dibromoethane	ND		mg/kg	0.25	0.14	10
Ethylbenzene	0.96		mg/kg	0.50	0.070	10
p/m-Xylene	ND		mg/kg	0.99	0.28	10
o-Xylene	ND		mg/kg	0.50	0.14	10
Xylenes, Total	ND		mg/kg	0.50	0.14	10
Isopropylbenzene	8.1		mg/kg	0.50	0.054	10
1,3,5-Trimethylbenzene	ND		mg/kg	0.99	0.096	10
1,2,4-Trimethylbenzene	0.37	J	mg/kg	0.99	0.17	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	126		70-130
4-Bromofluorobenzene	137	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-28
 Client ID: 401-MA3-1-55-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:15
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 03:32
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.15	0.015	1
Benzene	0.10		mg/kg	0.038	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.076	0.019	1
Toluene	0.048	J	mg/kg	0.076	0.041	1
1,2-Dibromoethane	ND		mg/kg	0.038	0.022	1
Ethylbenzene	0.036	J	mg/kg	0.076	0.011	1
p/m-Xylene	0.085	J	mg/kg	0.15	0.042	1
o-Xylene	0.037	J	mg/kg	0.076	0.022	1
Xylenes, Total	0.12	J	mg/kg	0.076	0.022	1
Isopropylbenzene	0.19		mg/kg	0.076	0.0082	1
1,3,5-Trimethylbenzene	0.022	J	mg/kg	0.15	0.014	1
1,2,4-Trimethylbenzene	0.053	J	mg/kg	0.15	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	164	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-30
 Client ID: 401-MA3-1-55-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:25
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 03:52
 Analyst: JIC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.16	0.016	1
Benzene	0.14		mg/kg	0.039	0.013	1
1,2-Dichloroethane	ND		mg/kg	0.079	0.020	1
Toluene	0.080		mg/kg	0.079	0.043	1
1,2-Dibromoethane	ND		mg/kg	0.039	0.023	1
Ethylbenzene	0.058	J	mg/kg	0.079	0.011	1
p/m-Xylene	0.21		mg/kg	0.16	0.044	1
o-Xylene	0.079		mg/kg	0.079	0.023	1
Xylenes, Total	0.29		mg/kg	0.079	0.023	1
Isopropylbenzene	1.1		mg/kg	0.079	0.0086	1
1,3,5-Trimethylbenzene	0.023	J	mg/kg	0.16	0.015	1
1,2,4-Trimethylbenzene	0.11	J	mg/kg	0.16	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	237	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-32
 Client ID: 401-MA3-1-55-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:35
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 04:13
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.18	0.018	1
Benzene	0.41		mg/kg	0.045	0.015	1
1,2-Dichloroethane	ND		mg/kg	0.090	0.023	1
Toluene	0.058	J	mg/kg	0.090	0.049	1
1,2-Dibromoethane	ND		mg/kg	0.045	0.026	1
Ethylbenzene	0.14		mg/kg	0.090	0.013	1
p/m-Xylene	0.20		mg/kg	0.18	0.050	1
o-Xylene	0.048	J	mg/kg	0.090	0.026	1
Xylenes, Total	0.25	J	mg/kg	0.090	0.026	1
Isopropylbenzene	0.85		mg/kg	0.090	0.0098	1
1,3,5-Trimethylbenzene	0.024	J	mg/kg	0.18	0.017	1
1,2,4-Trimethylbenzene	0.068	J	mg/kg	0.18	0.030	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	198	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-34
 Client ID: 401-MA3-1-55-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:45
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 04:34
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.13		mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	0.044	J	mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.041	J	mg/kg	0.064	0.0091	1
p/m-Xylene	0.11	J	mg/kg	0.13	0.036	1
o-Xylene	0.038	J	mg/kg	0.064	0.019	1
Xylenes, Total	0.15	J	mg/kg	0.064	0.019	1
Isopropylbenzene	1.5		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.040	J	mg/kg	0.13	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	300	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-36
 Client ID: 401-MA3-1-55-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:55
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 04:55
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.060		mg/kg	0.032	0.010	1
1,2-Dichloroethane	ND		mg/kg	0.063	0.016	1
Toluene	0.049	J	mg/kg	0.063	0.034	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.018	1
Ethylbenzene	0.041	J	mg/kg	0.063	0.0089	1
p/m-Xylene	0.18		mg/kg	0.13	0.035	1
o-Xylene	0.051	J	mg/kg	0.063	0.018	1
Xylenes, Total	0.23	J	mg/kg	0.063	0.018	1
Isopropylbenzene	3.8		mg/kg	0.063	0.0069	1
1,3,5-Trimethylbenzene	0.014	J	mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	0.060	J	mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	443	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-38
 Client ID: 401-MA3-1-57-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:30
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 03:11
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00023	1
Benzene	ND		mg/kg	0.00057	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00062	1
1,2-Dibromoethane	ND		mg/kg	0.00057	0.00033	1
Ethylbenzene	ND		mg/kg	0.0011	0.00016	1
p/m-Xylene	ND		mg/kg	0.0023	0.00064	1
o-Xylene	ND		mg/kg	0.0011	0.00033	1
Xylenes, Total	ND		mg/kg	0.0011	0.00033	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0023	0.00038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	113		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-40
 Client ID: 401-MA3-1-57-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:40
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 20:45
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00023	1
Benzene	ND		mg/kg	0.00058	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00030	1
Toluene	ND		mg/kg	0.0012	0.00063	1
1,2-Dibromoethane	ND		mg/kg	0.00058	0.00034	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0023	0.00065	1
o-Xylene	ND		mg/kg	0.0012	0.00034	1
Xylenes, Total	ND		mg/kg	0.0012	0.00034	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0023	0.00039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	107		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-42
 Client ID: 401-MA3-1-57-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:50
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 21:30
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0019	0.00019	1
Benzene	ND		mg/kg	0.00048	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.00096	0.00025	1
Toluene	ND		mg/kg	0.00096	0.00052	1
1,2-Dibromoethane	ND		mg/kg	0.00048	0.00028	1
Ethylbenzene	ND		mg/kg	0.00096	0.00014	1
p/m-Xylene	ND		mg/kg	0.0019	0.00054	1
o-Xylene	ND		mg/kg	0.00096	0.00028	1
Xylenes, Total	ND		mg/kg	0.00096	0.00028	1
Isopropylbenzene	ND		mg/kg	0.00096	0.00010	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0019	0.00018	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0019	0.00032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-44
 Client ID: 401-MA3-1-57-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:00
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 21:07
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00021	1
Benzene	ND		mg/kg	0.00051	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	ND		mg/kg	0.0010	0.00056	1
1,2-Dibromoethane	ND		mg/kg	0.00051	0.00030	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	ND		mg/kg	0.0020	0.00058	1
o-Xylene	ND		mg/kg	0.0010	0.00030	1
Xylenes, Total	ND		mg/kg	0.0010	0.00030	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00020	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00034	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-46
 Client ID: 401-MA3-1-57-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:10
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 00:29
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.14	0.014	1
Benzene	0.10		mg/kg	0.035	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.070	0.018	1
Toluene	0.053	J	mg/kg	0.070	0.038	1
1,2-Dibromoethane	ND		mg/kg	0.035	0.021	1
Ethylbenzene	0.061	J	mg/kg	0.070	0.010	1
p/m-Xylene	0.20		mg/kg	0.14	0.040	1
o-Xylene	0.024	J	mg/kg	0.070	0.020	1
Xylenes, Total	0.22	J	mg/kg	0.070	0.020	1
Isopropylbenzene	0.034	J	mg/kg	0.070	0.0077	1
1,3,5-Trimethylbenzene	0.033	J	mg/kg	0.14	0.014	1
1,2,4-Trimethylbenzene	0.15		mg/kg	0.14	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	246	Q	70-130
Dibromofluoromethane	87		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-48
 Client ID: 401-MA3-1-58-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 14:00
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 21:52
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0029	0.00029	1
Benzene	0.00099		mg/kg	0.00072	0.00024	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00037	1
Toluene	0.0022		mg/kg	0.0014	0.00078	1
1,2-Dibromoethane	ND		mg/kg	0.00072	0.00042	1
Ethylbenzene	0.0011	J	mg/kg	0.0014	0.00020	1
p/m-Xylene	0.012		mg/kg	0.0029	0.00081	1
o-Xylene	0.0067		mg/kg	0.0014	0.00042	1
Xylenes, Total	0.019		mg/kg	0.0014	0.00042	1
Isopropylbenzene	0.067		mg/kg	0.0014	0.00016	1
1,3,5-Trimethylbenzene	0.018		mg/kg	0.0029	0.00028	1
1,2,4-Trimethylbenzene	0.027		mg/kg	0.0029	0.00048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	768	Q	70-130
Dibromofluoromethane	76		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-50
 Client ID: 401-MA3-1-59-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 08:55
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 14:22
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0026	0.00026	1
Benzene	ND		mg/kg	0.00064	0.00021	1
1,2-Dichloroethane	ND		mg/kg	0.0013	0.00033	1
Toluene	ND		mg/kg	0.0013	0.00069	1
1,2-Dibromoethane	ND		mg/kg	0.00064	0.00037	1
Ethylbenzene	0.0075		mg/kg	0.0013	0.00018	1
p/m-Xylene	0.049		mg/kg	0.0026	0.00072	1
o-Xylene	0.020		mg/kg	0.0013	0.00037	1
Xylenes, Total	0.069		mg/kg	0.0013	0.00037	1
Isopropylbenzene	ND		mg/kg	0.0013	0.00014	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0026	0.00025	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0026	0.00043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-52
 Client ID: 401-MA3-1-59-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:05
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 14:47
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00022	1
Benzene	ND		mg/kg	0.00056	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00060	1
1,2-Dibromoethane	ND		mg/kg	0.00056	0.00033	1
Ethylbenzene	0.00037	J	mg/kg	0.0011	0.00016	1
p/m-Xylene	0.0025		mg/kg	0.0022	0.00062	1
o-Xylene	0.00086	J	mg/kg	0.0011	0.00032	1
Xylenes, Total	0.0034	J	mg/kg	0.0011	0.00032	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0022	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0022	0.00037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-54
 Client ID: 401-MA3-1-59-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:15
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 15:12
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0021	0.00022	1
Benzene	ND		mg/kg	0.00054	0.00018	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00028	1
Toluene	ND		mg/kg	0.0011	0.00058	1
1,2-Dibromoethane	ND		mg/kg	0.00054	0.00031	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0021	0.00060	1
o-Xylene	ND		mg/kg	0.0011	0.00031	1
Xylenes, Total	ND		mg/kg	0.0011	0.00031	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0021	0.00021	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0021	0.00036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-56
 Client ID: 401-MA3-1-59-C4-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:25
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 12:52
 Analyst: MKS
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0028	0.00028	1
Benzene	ND		mg/kg	0.00070	0.00023	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00036	1
Toluene	ND		mg/kg	0.0014	0.00076	1
1,2-Dibromoethane	ND		mg/kg	0.00070	0.00041	1
Ethylbenzene	ND		mg/kg	0.0014	0.00020	1
p/m-Xylene	ND		mg/kg	0.0028	0.00078	1
o-Xylene	ND		mg/kg	0.0014	0.00041	1
Xylenes, Total	ND		mg/kg	0.0014	0.00041	1
Isopropylbenzene	ND		mg/kg	0.0014	0.00015	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0028	0.00027	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0028	0.00047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	90		70-130



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-58
 Client ID: 401-MA3-1-59-C5-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:35
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 16:02
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0016	0.00016	1
Benzene	0.0034		mg/kg	0.00040	0.00013	1
1,2-Dichloroethane	ND		mg/kg	0.00080	0.00020	1
Toluene	0.00055	J	mg/kg	0.00080	0.00043	1
1,2-Dibromoethane	ND		mg/kg	0.00040	0.00023	1
Ethylbenzene	ND		mg/kg	0.00080	0.00011	1
p/m-Xylene	0.0039		mg/kg	0.0016	0.00045	1
o-Xylene	0.00079	J	mg/kg	0.00080	0.00023	1
Xylenes, Total	0.0047	J	mg/kg	0.00080	0.00023	1
Isopropylbenzene	0.00071	J	mg/kg	0.00080	0.00008	1
1,3,5-Trimethylbenzene	0.00016	J	mg/kg	0.0016	0.00015	1
1,2,4-Trimethylbenzene	0.00056	J	mg/kg	0.0016	0.00027	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	78		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-60
 Client ID: 401-MA3-1-60-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:00
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 16:28
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0028	0.00028	1
Benzene	ND		mg/kg	0.00071	0.00023	1
1,2-Dichloroethane	ND		mg/kg	0.0014	0.00036	1
Toluene	ND		mg/kg	0.0014	0.00077	1
1,2-Dibromoethane	ND		mg/kg	0.00071	0.00041	1
Ethylbenzene	ND		mg/kg	0.0014	0.00020	1
p/m-Xylene	ND		mg/kg	0.0028	0.00079	1
o-Xylene	ND		mg/kg	0.0014	0.00041	1
Xylenes, Total	ND		mg/kg	0.0014	0.00041	1
Isopropylbenzene	ND		mg/kg	0.0014	0.00015	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0028	0.00027	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0028	0.00047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-62
 Client ID: 401-MA3-1-60-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:10
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 16:53
 Analyst: JIC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00023	1
Benzene	0.00021	J	mg/kg	0.00057	0.00019	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00029	1
Toluene	ND		mg/kg	0.0011	0.00062	1
1,2-Dibromoethane	ND		mg/kg	0.00057	0.00033	1
Ethylbenzene	ND		mg/kg	0.0011	0.00016	1
p/m-Xylene	ND		mg/kg	0.0023	0.00063	1
o-Xylene	ND		mg/kg	0.0011	0.00033	1
Xylenes, Total	ND		mg/kg	0.0011	0.00033	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0023	0.00022	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0023	0.00038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-64
 Client ID: 401-MA3-1-60-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:20
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 17:18
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0031	0.00031	1
Benzene	ND		mg/kg	0.00077	0.00025	1
1,2-Dichloroethane	ND		mg/kg	0.0015	0.00039	1
Toluene	ND		mg/kg	0.0015	0.00083	1
1,2-Dibromoethane	ND		mg/kg	0.00077	0.00045	1
Ethylbenzene	ND		mg/kg	0.0015	0.00022	1
p/m-Xylene	ND		mg/kg	0.0031	0.00086	1
o-Xylene	ND		mg/kg	0.0015	0.00045	1
Xylenes, Total	ND		mg/kg	0.0015	0.00045	1
Isopropylbenzene	ND		mg/kg	0.0015	0.00017	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.0031	0.00030	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.0031	0.00051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-66
 Client ID: 401-MA3-1-72-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:00
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 17:43
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.13	0.013	1
Benzene	0.024	J	mg/kg	0.032	0.011	1
1,2-Dichloroethane	ND		mg/kg	0.064	0.016	1
Toluene	ND		mg/kg	0.064	0.035	1
1,2-Dibromoethane	ND		mg/kg	0.032	0.019	1
Ethylbenzene	0.046	J	mg/kg	0.064	0.0091	1
p/m-Xylene	0.081	J	mg/kg	0.13	0.036	1
o-Xylene	0.028	J	mg/kg	0.064	0.019	1
Xylenes, Total	0.11	J	mg/kg	0.064	0.019	1
Isopropylbenzene	9.0		mg/kg	0.064	0.0070	1
1,3,5-Trimethylbenzene	0.023	J	mg/kg	0.13	0.012	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.13	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	417	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-68
 Client ID: 401-MA3-1-72-C2-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:10
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 18:08
 Analyst: JIC
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.24	0.024	1
Benzene	2.6		mg/kg	0.059	0.020	1
1,2-Dichloroethane	ND		mg/kg	0.12	0.030	1
Toluene	0.62		mg/kg	0.12	0.064	1
1,2-Dibromoethane	ND		mg/kg	0.059	0.034	1
Ethylbenzene	2.2		mg/kg	0.12	0.016	1
p/m-Xylene	4.4		mg/kg	0.24	0.066	1
o-Xylene	0.49		mg/kg	0.12	0.034	1
Xylenes, Total	4.9		mg/kg	0.12	0.034	1
Isopropylbenzene	26.		mg/kg	0.12	0.013	1
1,3,5-Trimethylbenzene	0.44		mg/kg	0.24	0.023	1
1,2,4-Trimethylbenzene	5.6		mg/kg	0.24	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	540	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-70
 Client ID: 401-MA3-1-72-C3-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:20
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 18:34
 Analyst: JIC
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.15	0.015	1
Benzene	0.059		mg/kg	0.037	0.012	1
1,2-Dichloroethane	ND		mg/kg	0.074	0.019	1
Toluene	0.042	J	mg/kg	0.074	0.040	1
1,2-Dibromoethane	ND		mg/kg	0.037	0.022	1
Ethylbenzene	0.078		mg/kg	0.074	0.010	1
p/m-Xylene	0.16		mg/kg	0.15	0.042	1
o-Xylene	0.079		mg/kg	0.074	0.022	1
Xylenes, Total	0.24		mg/kg	0.074	0.022	1
Isopropylbenzene	8.6		mg/kg	0.074	0.0081	1
1,3,5-Trimethylbenzene	0.16		mg/kg	0.15	0.014	1
1,2,4-Trimethylbenzene	1.2		mg/kg	0.15	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	376	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-72
 Client ID: 401-MA3-1-68-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:35
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/04/25 18:59
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.22	0.022	1
Benzene	1.3		mg/kg	0.056	0.019	1
1,2-Dichloroethane	ND		mg/kg	0.11	0.029	1
Toluene	0.15		mg/kg	0.11	0.061	1
1,2-Dibromoethane	ND		mg/kg	0.056	0.033	1
Ethylbenzene	0.077	J	mg/kg	0.11	0.016	1
p/m-Xylene	0.23		mg/kg	0.22	0.063	1
o-Xylene	0.064	J	mg/kg	0.11	0.033	1
Xylenes, Total	0.29	J	mg/kg	0.11	0.033	1
Isopropylbenzene	0.11		mg/kg	0.11	0.012	1
1,3,5-Trimethylbenzene	0.10	J	mg/kg	0.22	0.022	1
1,2,4-Trimethylbenzene	0.099	J	mg/kg	0.22	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	96		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-72
 Client ID: 401-MA3-1-68-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:35
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 13:19
 Analyst: MKS
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0035	0.00035	1
Benzene	0.0093		mg/kg	0.00088	0.00029	1
1,2-Dichloroethane	ND		mg/kg	0.0018	0.00045	1
Toluene	ND		mg/kg	0.0018	0.00095	1
1,2-Dibromoethane	ND		mg/kg	0.00088	0.00051	1
Ethylbenzene	0.00025	J	mg/kg	0.0018	0.00025	1
p/m-Xylene	ND		mg/kg	0.0035	0.00098	1
o-Xylene	ND		mg/kg	0.0018	0.00051	1
Xylenes, Total	ND		mg/kg	0.0018	0.00051	1
Isopropylbenzene	0.00029	J	mg/kg	0.0018	0.00019	1
1,3,5-Trimethylbenzene	0.0015	J	mg/kg	0.0035	0.00034	1
1,2,4-Trimethylbenzene	0.00078	J	mg/kg	0.0035	0.00059	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	158	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-74
 Client ID: 401-MA3-1-35-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 09:00
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 10:41
 Analyst: AJK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020	1
Benzene	ND		mg/kg	0.00050	0.00016	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026	1
Toluene	0.00081	J	mg/kg	0.0010	0.00054	1
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029	1
Ethylbenzene	ND		mg/kg	0.0010	0.00014	1
p/m-Xylene	0.00072	J	mg/kg	0.0020	0.00056	1
o-Xylene	ND		mg/kg	0.0010	0.00029	1
Xylenes, Total	0.00072	J	mg/kg	0.0010	0.00029	1
Isopropylbenzene	0.024		mg/kg	0.0010	0.00011	1
1,3,5-Trimethylbenzene	0.00079	J	mg/kg	0.0020	0.00019	1
1,2,4-Trimethylbenzene	0.00099	J	mg/kg	0.0020	0.00033	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	352	Q	70-130
Dibromofluoromethane	87		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-76
 Client ID: 401-MA3-1-34-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 10:00
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 23:00
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.11	0.011	1
Benzene	ND		mg/kg	0.027	0.0091	1
1,2-Dichloroethane	ND		mg/kg	0.055	0.014	1
Toluene	ND		mg/kg	0.055	0.030	1
1,2-Dibromoethane	ND		mg/kg	0.027	0.016	1
Ethylbenzene	ND		mg/kg	0.055	0.0077	1
p/m-Xylene	ND		mg/kg	0.11	0.031	1
o-Xylene	ND		mg/kg	0.055	0.016	1
Xylenes, Total	ND		mg/kg	0.055	0.016	1
Isopropylbenzene	0.48		mg/kg	0.055	0.0060	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.11	0.010	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.11	0.018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	144	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-78
 Client ID: 401-MA3-1-33-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 11:05
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 23:22
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.11	0.012	1
Benzene	ND		mg/kg	0.029	0.0095	1
1,2-Dichloroethane	ND		mg/kg	0.057	0.015	1
Toluene	ND		mg/kg	0.057	0.031	1
1,2-Dibromoethane	ND		mg/kg	0.029	0.017	1
Ethylbenzene	ND		mg/kg	0.057	0.0081	1
p/m-Xylene	ND		mg/kg	0.11	0.032	1
o-Xylene	ND		mg/kg	0.057	0.017	1
Xylenes, Total	ND		mg/kg	0.057	0.017	1
Isopropylbenzene	10.		mg/kg	0.057	0.0062	1
1,3,5-Trimethylbenzene	ND		mg/kg	0.11	0.011	1
1,2,4-Trimethylbenzene	ND		mg/kg	0.11	0.019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	205	Q	70-130
Dibromofluoromethane	88		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-80 D2
 Client ID: 401-MA3-1-32-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:10
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 14:41
 Analyst: AJK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	0.66	0.067	5
Benzene	2.2		mg/kg	0.16	0.055	5
1,2-Dichloroethane	ND		mg/kg	0.33	0.085	5
Toluene	7.0		mg/kg	0.33	0.18	5
1,2-Dibromoethane	ND		mg/kg	0.16	0.097	5
Ethylbenzene	32.		mg/kg	0.33	0.047	5
p/m-Xylene	180		mg/kg	0.66	0.18	5
o-Xylene	69.		mg/kg	0.33	0.096	5
Xylenes, Total	250		mg/kg	0.33	0.096	5
Isopropylbenzene	19.		mg/kg	0.33	0.036	5
1,3,5-Trimethylbenzene	70.		mg/kg	0.66	0.064	5
1,2,4-Trimethylbenzene	190	E	mg/kg	0.66	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	131	Q	70-130
4-Bromofluorobenzene	168	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-80 D
 Client ID: 401-MA3-1-32-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:10
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/05/25 23:44
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	190		mg/kg	1.3	0.22	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	130		70-130
Dibromofluoromethane	89		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-82 D
 Client ID: 401-MA3-1-24-C1-VOC
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:45
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 02/06/25 00:07
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		mg/kg	2.0	0.20	10
Benzene	2.6		mg/kg	0.49	0.16	10
1,2-Dichloroethane	ND		mg/kg	0.98	0.25	10
Toluene	1.5		mg/kg	0.98	0.53	10
1,2-Dibromoethane	ND		mg/kg	0.49	0.29	10
Ethylbenzene	0.89	J	mg/kg	0.98	0.14	10
p/m-Xylene	1.4	J	mg/kg	2.0	0.55	10
o-Xylene	ND		mg/kg	0.98	0.29	10
Xylenes, Total	1.4	J	mg/kg	0.98	0.29	10
Isopropylbenzene	19.		mg/kg	0.98	0.11	10
1,3,5-Trimethylbenzene	ND		mg/kg	2.0	0.19	10
1,2,4-Trimethylbenzene	0.52	J	mg/kg	2.0	0.33	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	179	Q	70-130
Dibromofluoromethane	91		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 50,52,54,58,60,62,64 Batch: WG2026976-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 66,68,70,72 Batch: WG2026977-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 02/05/25 10:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 56,72 Batch: WG2027373-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 02:08
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09,17,38 Batch: WG2027527-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 02/06/25 02:08
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03,05,07,11,13,15,19,21,23,25,28,30,32,34,36 Batch: WG2027528-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 02/05/25 20:22
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 46,76,78,80,82 Batch: WG2027532-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 10:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 74 Batch: WG2027580-5					
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00020
Benzene	ND		mg/kg	0.00050	0.00017
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00026
Toluene	ND		mg/kg	0.0010	0.00054
1,2-Dibromoethane	ND		mg/kg	0.00050	0.00029
Ethylbenzene	ND		mg/kg	0.0010	0.00014
p/m-Xylene	ND		mg/kg	0.0020	0.00056
o-Xylene	ND		mg/kg	0.0010	0.00029
Xylenes, Total	ND		mg/kg	0.0010	0.00029
Isopropylbenzene	ND		mg/kg	0.0010	0.00011
1,3,5-Trimethylbenzene	ND		mg/kg	0.0020	0.00019
1,2,4-Trimethylbenzene	ND		mg/kg	0.0020	0.00033

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 10:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03,05,23 Batch: WG2027583-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 02/06/25 12:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 80 Batch: WG2027879-5					
Methyl tert butyl ether	ND		mg/kg	0.10	0.010
Benzene	ND		mg/kg	0.025	0.0083
1,2-Dichloroethane	ND		mg/kg	0.050	0.013
Toluene	ND		mg/kg	0.050	0.027
1,2-Dibromoethane	ND		mg/kg	0.025	0.015
Ethylbenzene	ND		mg/kg	0.050	0.0070
p/m-Xylene	ND		mg/kg	0.10	0.028
o-Xylene	ND		mg/kg	0.050	0.014
Xylenes, Total	ND		mg/kg	0.050	0.014
Isopropylbenzene	ND		mg/kg	0.050	0.0054
1,3,5-Trimethylbenzene	ND		mg/kg	0.10	0.0096
1,2,4-Trimethylbenzene	ND		mg/kg	0.10	0.017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 50,52,54,58,60,62,64 Batch: WG2026976-3 WG2026976-4								
Methyl tert butyl ether	102		108		66-130	6		30
Benzene	102		112		70-130	9		30
1,2-Dichloroethane	109		116		70-130	6		30
Toluene	96		105		70-130	9		30
1,2-Dibromoethane	93		97		70-130	4		30
Ethylbenzene	97		105		70-130	8		30
p/m-Xylene	101		111		70-130	9		30
o-Xylene	102		110		70-130	8		30
Isopropylbenzene	94		105		70-130	11		30
1,3,5-Trimethylbenzene	95		103		70-130	8		30
1,2,4-Trimethylbenzene	96		104		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	100		101		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 66,68,70,72 Batch: WG2026977-3 WG2026977-4								
Methyl tert butyl ether	102		108		66-130	6		30
Benzene	102		112		70-130	9		30
1,2-Dichloroethane	109		116		70-130	6		30
Toluene	96		105		70-130	9		30
1,2-Dibromoethane	93		97		70-130	4		30
Ethylbenzene	97		105		70-130	8		30
p/m-Xylene	101		111		70-130	9		30
o-Xylene	102		110		70-130	8		30
Isopropylbenzene	94		105		70-130	11		30
1,3,5-Trimethylbenzene	95		103		70-130	8		30
1,2,4-Trimethylbenzene	96		104		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	100		101		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 56,72 Batch: WG2027373-3 WG2027373-4								
Methyl tert butyl ether	148	Q	152	Q	66-130	3		30
Benzene	116		116		70-130	0		30
1,2-Dichloroethane	108		109		70-130	1		30
Toluene	112		112		70-130	0		30
1,2-Dibromoethane	113		113		70-130	0		30
Ethylbenzene	114		115		70-130	1		30
p/m-Xylene	117		118		70-130	1		30
o-Xylene	113		117		70-130	3		30
Isopropylbenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	113		113		70-130	0		30
1,2,4-Trimethylbenzene	113		115		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	96		94		70-130
Dibromofluoromethane	101		99		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09,17,38 Batch: WG2027527-3 WG2027527-4								
Methyl tert butyl ether	85		84		66-130	1		30
Benzene	108		100		70-130	8		30
1,2-Dichloroethane	117		113		70-130	3		30
Toluene	103		95		70-130	8		30
1,2-Dibromoethane	105		106		70-130	1		30
Ethylbenzene	100		94		70-130	6		30
p/m-Xylene	101		94		70-130	7		30
o-Xylene	100		95		70-130	5		30
Isopropylbenzene	100		89		70-130	12		30
1,3,5-Trimethylbenzene	102		92		70-130	10		30
1,2,4-Trimethylbenzene	99		91		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		112		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	102		102		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03,05,07,11,13,15,19,21,23,25,28,30,32,34,36 Batch: WG2027528-3 WG2027528-4								
Methyl tert butyl ether	85		84		66-130	1		30
Benzene	108		100		70-130	8		30
1,2-Dichloroethane	117		113		70-130	3		30
Toluene	103		95		70-130	8		30
1,2-Dibromoethane	105		106		70-130	1		30
Ethylbenzene	100		94		70-130	6		30
p/m-Xylene	101		94		70-130	7		30
o-Xylene	100		95		70-130	5		30
Isopropylbenzene	100		89		70-130	12		30
1,3,5-Trimethylbenzene	102		92		70-130	10		30
1,2,4-Trimethylbenzene	99		91		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		112		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	102		102		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 40,42,44,48 Batch: WG2027530-3 WG2027530-4								
Methyl tert butyl ether	110		105		66-130	5		30
Benzene	106		104		70-130	2		30
1,2-Dichloroethane	109		106		70-130	3		30
Toluene	97		97		70-130	0		30
1,2-Dibromoethane	112		111		70-130	1		30
Ethylbenzene	98		99		70-130	1		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	103		104		70-130	1		30
Isopropylbenzene	96		98		70-130	2		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	101		104		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	100		96		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 46,76,78,80,82 Batch: WG2027532-3 WG2027532-4								
Methyl tert butyl ether	110		105		66-130	5		30
Benzene	106		104		70-130	2		30
1,2-Dichloroethane	109		106		70-130	3		30
Toluene	97		97		70-130	0		30
1,2-Dibromoethane	112		111		70-130	1		30
Ethylbenzene	98		99		70-130	1		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	103		104		70-130	1		30
Isopropylbenzene	96		98		70-130	2		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	101		104		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	100		97		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 74 Batch: WG2027580-3 WG2027580-4								
Methyl tert butyl ether	127		128		66-130	1		30
Benzene	117		117		70-130	0		30
1,2-Dichloroethane	109		111		70-130	2		30
Toluene	112		110		70-130	2		30
1,2-Dibromoethane	113		115		70-130	2		30
Ethylbenzene	116		116		70-130	0		30
p/m-Xylene	119		117		70-130	2		30
o-Xylene	117		117		70-130	0		30
Isopropylbenzene	113		114		70-130	1		30
1,3,5-Trimethylbenzene	116		114		70-130	2		30
1,2,4-Trimethylbenzene	116		115		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	99		96		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03,05,23 Batch: WG2027583-3 WG2027583-4								
Methyl tert butyl ether	127		128		66-130	1		30
Benzene	117		117		70-130	0		30
1,2-Dichloroethane	109		111		70-130	2		30
Toluene	112		110		70-130	2		30
1,2-Dibromoethane	113		115		70-130	2		30
Ethylbenzene	116		116		70-130	0		30
p/m-Xylene	119		117		70-130	2		30
o-Xylene	117		117		70-130	0		30
Isopropylbenzene	113		114		70-130	1		30
1,3,5-Trimethylbenzene	116		114		70-130	2		30
1,2,4-Trimethylbenzene	116		115		70-130	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	99		96		70-130
Dibromofluoromethane	98		99		70-130



Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 80 Batch: WG2027879-3 WG2027879-4								
Methyl tert butyl ether	98		99		66-130	1		30
Benzene	108		105		70-130	3		30
1,2-Dichloroethane	110		106		70-130	4		30
Toluene	106		103		70-130	3		30
1,2-Dibromoethane	105		108		70-130	3		30
Ethylbenzene	107		103		70-130	4		30
p/m-Xylene	110		106		70-130	4		30
o-Xylene	111		106		70-130	5		30
Isopropylbenzene	106		100		70-130	6		30
1,3,5-Trimethylbenzene	110		104		70-130	6		30
1,2,4-Trimethylbenzene	109		104		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		97		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	97		100		70-130



SEMIVOLATILES

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-02
 Client ID: 401-MA3-1-21-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 05:03
 Analyst: RMP
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.42		mg/kg	0.038	0.023	1
Fluorene	0.36		mg/kg	0.19	0.018	1
Phenanthrene	0.54		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.037	1
Pyrene	0.072	J	mg/kg	0.11	0.019	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.021	1
Chrysene	0.023	J	mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	69		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-04 D
 Client ID: 401-MA3-1-21-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:50
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 22:28
 Analyst: RMP
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.6		mg/kg	0.21	0.13	5
Fluorene	1.4		mg/kg	1.1	0.10	5
Phenanthrene	5.3		mg/kg	0.64	0.13	5
Anthracene	ND		mg/kg	0.64	0.21	5
Pyrene	0.70		mg/kg	0.64	0.11	5
Benzo(a)anthracene	0.16	J	mg/kg	0.64	0.12	5
Chrysene	0.28	J	mg/kg	0.64	0.11	5
Benzo(b)fluoranthene	0.18	J	mg/kg	0.64	0.18	5
Benzo(a)pyrene	ND		mg/kg	0.86	0.26	5
Benzo(ghi)perylene	ND		mg/kg	0.86	0.13	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	235	Q	23-120
2-Fluorobiphenyl	62		30-120
4-Terphenyl-d14	88		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-06
 Client ID: 401-MA3-1-21-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:00
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 07:18
 Analyst: RMP
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.7		mg/kg	0.040	0.024	1
Fluorene	0.73		mg/kg	0.20	0.019	1
Phenanthrene	1.2		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.34		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.26		mg/kg	0.12	0.022	1
Chrysene	0.30		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.31		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.30		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.22		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-08
 Client ID: 401-MA3-1-21-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:10
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 06:56
 Analyst: RMP
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.67		mg/kg	0.040	0.024	1
Fluorene	0.24		mg/kg	0.20	0.019	1
Phenanthrene	0.42		mg/kg	0.12	0.024	1
Anthracene	0.15		mg/kg	0.12	0.039	1
Pyrene	0.50		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.74		mg/kg	0.12	0.022	1
Chrysene	0.69		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	1.0		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.98		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.52		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	95		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-10
 Client ID: 401-MA3-1-21-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:20
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 04:41
 Analyst: RMP
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.22		mg/kg	0.040	0.024	1
Fluorene	0.10	J	mg/kg	0.20	0.019	1
Phenanthrene	0.18		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.049	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.024	J	mg/kg	0.12	0.022	1
Chrysene	0.027	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.033	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	73		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-12 D
 Client ID: 401-MA3-1-49-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:20
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 22:52
 Analyst: RMP
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	6.7		mg/kg	0.18	0.11	5
Fluorene	0.47	J	mg/kg	0.92	0.089	5
Phenanthrene	1.2		mg/kg	0.55	0.11	5
Anthracene	0.26	J	mg/kg	0.55	0.18	5
Pyrene	0.49	J	mg/kg	0.55	0.092	5
Benzo(a)anthracene	0.20	J	mg/kg	0.55	0.10	5
Chrysene	0.29	J	mg/kg	0.55	0.096	5
Benzo(b)fluoranthene	0.26	J	mg/kg	0.55	0.16	5
Benzo(a)pyrene	ND		mg/kg	0.74	0.22	5
Benzo(ghi)perylene	ND		mg/kg	0.74	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	203	Q	23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	74		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-14
 Client ID: 401-MA3-1-49-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:30
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 08:04
 Analyst: RMP
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	6.0		mg/kg	0.037	0.023	1
Fluorene	0.88		mg/kg	0.19	0.018	1
Phenanthrene	2.0		mg/kg	0.11	0.023	1
Anthracene	0.48		mg/kg	0.11	0.036	1
Pyrene	0.78		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.27		mg/kg	0.11	0.021	1
Chrysene	0.44		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.26		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.14	J	mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	169	Q	23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	73		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-16
 Client ID: 401-MA3-1-49-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 06:11
 Analyst: RMP
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.023	1
Fluorene	1.2		mg/kg	0.19	0.018	1
Phenanthrene	1.8		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.51		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.15		mg/kg	0.11	0.021	1
Chrysene	0.17		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.12		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.077	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.051	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	54		30-120
4-Terphenyl-d14	63		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-18
 Client ID: 401-MA3-1-54-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:05
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 09:11
 Analyst: RMP
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.0		mg/kg	0.035	0.021	1
Fluorene	0.63		mg/kg	0.17	0.017	1
Phenanthrene	1.1		mg/kg	0.10	0.021	1
Anthracene	ND		mg/kg	0.10	0.034	1
Pyrene	0.52		mg/kg	0.10	0.017	1
Benzo(a)anthracene	0.25		mg/kg	0.10	0.020	1
Chrysene	0.35		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.31		mg/kg	0.10	0.029	1
Benzo(a)pyrene	0.26		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.18		mg/kg	0.14	0.020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-22 D
 Client ID: 401-MA3-1-54-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:25
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 23:16
 Analyst: RMP
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.6		mg/kg	0.37	0.22	10
Fluorene	9.4		mg/kg	1.8	0.18	10
Phenanthrene	21.		mg/kg	1.1	0.22	10
Anthracene	4.9		mg/kg	1.1	0.36	10
Pyrene	7.2		mg/kg	1.1	0.18	10
Benzo(a)anthracene	2.3		mg/kg	1.1	0.21	10
Chrysene	2.6		mg/kg	1.1	0.19	10
Benzo(b)fluoranthene	1.6		mg/kg	1.1	0.31	10
Benzo(a)pyrene	1.4	J	mg/kg	1.5	0.45	10
Benzo(ghi)perylene	0.62	J	mg/kg	1.5	0.22	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	182	Q	23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	84		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-24
 Client ID: 401-MA3-1-56-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:30
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 08:49
 Analyst: RMP
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.035	0.022	1
Fluorene	0.40		mg/kg	0.18	0.017	1
Phenanthrene	0.72		mg/kg	0.11	0.021	1
Anthracene	ND		mg/kg	0.11	0.034	1
Pyrene	0.41		mg/kg	0.11	0.018	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.020	1
Chrysene	0.045	J	mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.064	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.052	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.051	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-26
 Client ID: 401-MA3-1-56-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/29/25 05:25
 Analyst: RMP
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.0		mg/kg	0.036	0.022	1
Fluorene	0.91		mg/kg	0.18	0.017	1
Phenanthrene	2.0		mg/kg	0.11	0.022	1
Anthracene	0.35		mg/kg	0.11	0.035	1
Pyrene	0.33		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.020	J	mg/kg	0.11	0.020	1
Chrysene	ND		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.043	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	79		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-27
 Client ID: 401-MA3-1-54-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 09:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 13:10
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.62		mg/kg	0.036	0.022	1
Fluorene	1.5		mg/kg	0.18	0.018	1
Phenanthrene	3.2		mg/kg	0.11	0.022	1
Anthracene	0.55		mg/kg	0.11	0.036	1
Pyrene	1.3		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.47		mg/kg	0.11	0.020	1
Chrysene	0.58		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.47		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.40		mg/kg	0.15	0.044	1
Benzo(ghi)perylene	0.27		mg/kg	0.15	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	86		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-29
 Client ID: 401-MA3-1-55-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:20
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 13:33
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11		mg/kg	0.036	0.022	1
Fluorene	0.039	J	mg/kg	0.18	0.017	1
Phenanthrene	0.16		mg/kg	0.11	0.022	1
Anthracene	0.073	J	mg/kg	0.11	0.035	1
Pyrene	0.32		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.17		mg/kg	0.11	0.020	1
Chrysene	0.21		mg/kg	0.11	0.018	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.17		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-31
 Client ID: 401-MA3-1-55-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:30
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 13:56
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.047		mg/kg	0.040	0.024	1
Fluorene	ND		mg/kg	0.20	0.020	1
Phenanthrene	0.080	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	0.11	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.068	J	mg/kg	0.12	0.023	1
Chrysene	0.070	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.083	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.072	J	mg/kg	0.16	0.049	1
Benzo(ghi)perylene	0.052	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	95		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-33
 Client ID: 401-MA3-1-55-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:40
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/04/25 11:26
 Analyst: RMP
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.041	0.025	1
Fluorene	1.6		mg/kg	0.20	0.020	1
Phenanthrene	3.2		mg/kg	0.12	0.025	1
Anthracene	ND		mg/kg	0.12	0.040	1
Pyrene	0.61		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.15		mg/kg	0.12	0.023	1
Chrysene	0.22		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.066	J	mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.096	J	mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	81		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-35
 Client ID: 401-MA3-1-55-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:50
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/04/25 12:16
 Analyst: RMP
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.2		mg/kg	0.038	0.023	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	5.4		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.037	1
Pyrene	ND		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.26		mg/kg	0.11	0.021	1
Chrysene	0.45		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.17		mg/kg	0.11	0.032	1
Benzo(a)pyrene	0.21		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.24		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
4-Terphenyl-d14	71		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-37 D
 Client ID: 401-MA3-1-55-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 11:00
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/04/25 18:44
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.7		mg/kg	0.20	0.12	5
Fluorene	4.0		mg/kg	0.99	0.096	5
Phenanthrene	6.9		mg/kg	0.59	0.12	5
Anthracene	1.0		mg/kg	0.59	0.19	5
Pyrene	1.8		mg/kg	0.59	0.098	5
Benzo(a)anthracene	0.55	J	mg/kg	0.59	0.11	5
Chrysene	1.2		mg/kg	0.59	0.10	5
Benzo(b)fluoranthene	0.40	J	mg/kg	0.59	0.17	5
Benzo(a)pyrene	0.42	J	mg/kg	0.79	0.24	5
Benzo(ghi)perylene	0.38	J	mg/kg	0.79	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-39 D
 Client ID: 401-MA3-1-57-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:35
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 15:29
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.11	5
Fluorene	ND		mg/kg	0.92	0.089	5
Phenanthrene	0.22	J	mg/kg	0.55	0.11	5
Anthracene	ND		mg/kg	0.55	0.18	5
Pyrene	0.29	J	mg/kg	0.55	0.091	5
Benzo(a)anthracene	0.20	J	mg/kg	0.55	0.10	5
Chrysene	0.23	J	mg/kg	0.55	0.095	5
Benzo(b)fluoranthene	0.27	J	mg/kg	0.55	0.15	5
Benzo(a)pyrene	ND		mg/kg	0.73	0.22	5
Benzo(ghi)perylene	0.23	J	mg/kg	0.73	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-41 D
 Client ID: 401-MA3-1-57-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:45
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 15:52
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.11	5
Fluorene	ND		mg/kg	0.89	0.086	5
Phenanthrene	ND		mg/kg	0.53	0.11	5
Anthracene	ND		mg/kg	0.53	0.17	5
Pyrene	0.12	J	mg/kg	0.53	0.088	5
Benzo(a)anthracene	ND		mg/kg	0.53	0.10	5
Chrysene	ND		mg/kg	0.53	0.092	5
Benzo(b)fluoranthene	ND		mg/kg	0.53	0.15	5
Benzo(a)pyrene	ND		mg/kg	0.71	0.22	5
Benzo(ghi)perylene	ND		mg/kg	0.71	0.10	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	75		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-43
 Client ID: 401-MA3-1-57-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:55
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 16:16
 Analyst: EK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.048		mg/kg	0.037	0.022	1
Fluorene	0.042	J	mg/kg	0.18	0.018	1
Phenanthrene	0.10	J	mg/kg	0.11	0.022	1
Anthracene	0.052	J	mg/kg	0.11	0.036	1
Pyrene	0.20		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.097	J	mg/kg	0.11	0.021	1
Chrysene	0.11		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.082	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.064	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	112		30-120
4-Terphenyl-d14	105		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-45
 Client ID: 401-MA3-1-57-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 16:39
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.045		mg/kg	0.037	0.023	1
Fluorene	0.22		mg/kg	0.19	0.018	1
Phenanthrene	1.4		mg/kg	0.11	0.023	1
Anthracene	0.39		mg/kg	0.11	0.036	1
Pyrene	1.4		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.82		mg/kg	0.11	0.021	1
Chrysene	0.79		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.80		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.67		mg/kg	0.15	0.046	1
Benzo(ghi)perylene	0.36		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	111		30-120
4-Terphenyl-d14	105		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-47
 Client ID: 401-MA3-1-57-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:15
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/30/25 17:02
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.18		mg/kg	0.037	0.022	1
Fluorene	0.17	J	mg/kg	0.18	0.018	1
Phenanthrene	0.38		mg/kg	0.11	0.022	1
Anthracene	0.064	J	mg/kg	0.11	0.036	1
Pyrene	0.32		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.17		mg/kg	0.11	0.021	1
Chrysene	0.22		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.17		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.12	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.10	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	110		30-120
4-Terphenyl-d14	112		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-49
 Client ID: 401-MA3-1-58-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 14:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/01/25 08:08
 Analyst: MRG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/29/25 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.21		mg/kg	0.037	0.022	1
Fluorene	0.049	J	mg/kg	0.18	0.018	1
Phenanthrene	0.15		mg/kg	0.11	0.022	1
Anthracene	0.051	J	mg/kg	0.11	0.036	1
Pyrene	0.23		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.40		mg/kg	0.11	0.021	1
Chrysene	0.47		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.48		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.76		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.83		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	68		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-51
 Client ID: 401-MA3-1-59-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:00
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/04/25 19:08
 Analyst: SLR
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.057		mg/kg	0.035	0.021	1
Fluorene	ND		mg/kg	0.18	0.017	1
Phenanthrene	0.076	J	mg/kg	0.10	0.021	1
Anthracene	ND		mg/kg	0.10	0.034	1
Pyrene	0.16		mg/kg	0.10	0.017	1
Benzo(a)anthracene	0.082	J	mg/kg	0.10	0.020	1
Chrysene	0.12		mg/kg	0.10	0.018	1
Benzo(b)fluoranthene	0.13		mg/kg	0.10	0.030	1
Benzo(a)pyrene	0.12	J	mg/kg	0.14	0.043	1
Benzo(ghi)perylene	0.14		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	58		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-53
 Client ID: 401-MA3-1-59-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:10
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 07:03
 Analyst: GMR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.38		mg/kg	0.037	0.023	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	0.071	J	mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.062	J	mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.046	J	mg/kg	0.11	0.021	1
Chrysene	0.060	J	mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.069	J	mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.089	J	mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		30-120
4-Terphenyl-d14	62		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-55
 Client ID: 401-MA3-1-59-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:20
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 09:46
 Analyst: GMR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.54		mg/kg	0.036	0.022	1
Fluorene	0.073	J	mg/kg	0.18	0.018	1
Phenanthrene	0.76		mg/kg	0.11	0.022	1
Anthracene	0.20		mg/kg	0.11	0.035	1
Pyrene	0.78		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.62		mg/kg	0.11	0.020	1
Chrysene	0.75		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.79		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.81		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	1.0		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	82		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-57
 Client ID: 401-MA3-1-59-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:30
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/01/25 10:05
 Analyst: MRG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.70		mg/kg	0.037	0.022	1
Fluorene	0.17	J	mg/kg	0.18	0.018	1
Phenanthrene	0.63		mg/kg	0.11	0.022	1
Anthracene	0.35		mg/kg	0.11	0.036	1
Pyrene	1.3		mg/kg	0.11	0.018	1
Benzo(a)anthracene	1.3		mg/kg	0.11	0.021	1
Chrysene	1.5		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	1.3		mg/kg	0.11	0.031	1
Benzo(a)pyrene	1.5		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	1.4		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	51		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-59
 Client ID: 401-MA3-1-59-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:40
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 08:12
 Analyst: GMR
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.042	0.026	1
Fluorene	ND		mg/kg	0.21	0.020	1
Phenanthrene	0.068	J	mg/kg	0.13	0.026	1
Anthracene	0.047	J	mg/kg	0.13	0.041	1
Pyrene	0.23		mg/kg	0.13	0.021	1
Benzo(a)anthracene	0.18		mg/kg	0.13	0.024	1
Chrysene	0.19		mg/kg	0.13	0.022	1
Benzo(b)fluoranthene	0.14		mg/kg	0.13	0.036	1
Benzo(a)pyrene	0.18		mg/kg	0.17	0.052	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.17	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	85		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-61
 Client ID: 401-MA3-1-60-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:05
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 10:32
 Analyst: GMR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.037	0.023	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	0.11		mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.036	1
Pyrene	0.28		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.13		mg/kg	0.11	0.021	1
Chrysene	0.20		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.15		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.12	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	99		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-63
 Client ID: 401-MA3-1-60-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:15
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 08:36
 Analyst: GMR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.036	0.022	1
Fluorene	0.028	J	mg/kg	0.18	0.017	1
Phenanthrene	0.30		mg/kg	0.11	0.022	1
Anthracene	0.080	J	mg/kg	0.11	0.035	1
Pyrene	0.70		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.39		mg/kg	0.11	0.020	1
Chrysene	0.42		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.57		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.42		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.30		mg/kg	0.14	0.021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	93		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-65
 Client ID: 401-MA3-1-60-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:25
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 01/31/25 09:22
 Analyst: GMR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.026	J	mg/kg	0.037	0.022	1
Fluorene	0.050	J	mg/kg	0.18	0.018	1
Phenanthrene	0.58		mg/kg	0.11	0.022	1
Anthracene	0.14		mg/kg	0.11	0.036	1
Pyrene	0.87		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.49		mg/kg	0.11	0.021	1
Chrysene	0.52		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.64		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.47		mg/kg	0.15	0.045	1
Benzo(ghi)perylene	0.38		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	91		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-67
 Client ID: 401-MA3-1-72-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:05
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/01/25 09:42
 Analyst: MRG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.29		mg/kg	0.039	0.024	1
Fluorene	1.2		mg/kg	0.20	0.019	1
Phenanthrene	1.9		mg/kg	0.12	0.024	1
Anthracene	0.25		mg/kg	0.12	0.038	1
Pyrene	0.82		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.47		mg/kg	0.12	0.022	1
Chrysene	0.56		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.38		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.41		mg/kg	0.16	0.048	1
Benzo(ghi)perylene	0.30		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	50		30-120
4-Terphenyl-d14	61		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-69
 Client ID: 401-MA3-1-72-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:15
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/01/25 09:18
 Analyst: MRG
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.35		mg/kg	0.040	0.025	1
Fluorene	1.7		mg/kg	0.20	0.020	1
Phenanthrene	2.2		mg/kg	0.12	0.024	1
Anthracene	0.34		mg/kg	0.12	0.039	1
Pyrene	0.86		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.29		mg/kg	0.12	0.023	1
Chrysene	0.49		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.21		mg/kg	0.12	0.034	1
Benzo(a)pyrene	0.25		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	0.22		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	90		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-71
 Client ID: 401-MA3-1-72-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:25
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/01/25 06:35
 Analyst: MRG
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.038	J	mg/kg	0.041	0.025	1
Fluorene	0.20		mg/kg	0.20	0.020	1
Phenanthrene	0.16		mg/kg	0.12	0.025	1
Anthracene	0.062	J	mg/kg	0.12	0.040	1
Pyrene	0.16		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.082	J	mg/kg	0.12	0.023	1
Chrysene	0.086	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.077	J	mg/kg	0.12	0.035	1
Benzo(a)pyrene	0.082	J	mg/kg	0.16	0.050	1
Benzo(ghi)perylene	0.075	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	111		30-120
4-Terphenyl-d14	113		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-73 D
 Client ID: 401-MA3-1-68-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:40
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/05/25 17:31
 Analyst: MRG
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.39	0.24	10
Fluorene	ND		mg/kg	1.9	0.19	10
Phenanthrene	0.87	J	mg/kg	1.2	0.24	10
Anthracene	ND		mg/kg	1.2	0.38	10
Pyrene	0.81	J	mg/kg	1.2	0.19	10
Benzo(a)anthracene	0.36	J	mg/kg	1.2	0.22	10
Chrysene	0.42	J	mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	0.44	J	mg/kg	1.2	0.33	10
Benzo(a)pyrene	ND		mg/kg	1.6	0.47	10
Benzo(ghi)perylene	0.30	J	mg/kg	1.6	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	52		30-120
4-Terphenyl-d14	54		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-75
 Client ID: 401-MA3-1-35-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 09:05
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/03/25 14:25
 Analyst: EJL
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.032	J	mg/kg	0.040	0.024	1
Fluorene	0.027	J	mg/kg	0.20	0.020	1
Phenanthrene	0.056	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	ND		mg/kg	0.12	0.020	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.023	1
Chrysene	ND		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	65		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-77
 Client ID: 401-MA3-1-34-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 10:05
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/03/25 14:43
 Analyst: EJJ
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.040	0.024	1
Fluorene	0.050	J	mg/kg	0.20	0.019	1
Phenanthrene	0.093	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Pyrene	ND		mg/kg	0.12	0.020	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	ND		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-79
 Client ID: 401-MA3-1-33-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 11:10
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/03/25 15:01
 Analyst: EJJ
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.19		mg/kg	0.040	0.024	1
Fluorene	0.58		mg/kg	0.20	0.019	1
Phenanthrene	1.4		mg/kg	0.12	0.024	1
Anthracene	0.11	J	mg/kg	0.12	0.039	1
Pyrene	0.18		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.038	J	mg/kg	0.12	0.022	1
Chrysene	0.11	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	126	Q	23-120
2-Fluorobiphenyl	57		30-120
4-Terphenyl-d14	52		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-81 D
 Client ID: 401-MA3-1-32-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:15
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/04/25 18:21
 Analyst: SLR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.5		mg/kg	0.38	0.23	10
Fluorene	0.31	J	mg/kg	1.9	0.19	10
Phenanthrene	0.74	J	mg/kg	1.2	0.23	10
Anthracene	ND		mg/kg	1.2	0.37	10
Pyrene	ND		mg/kg	1.2	0.19	10
Benzo(a)anthracene	ND		mg/kg	1.2	0.22	10
Chrysene	ND		mg/kg	1.2	0.20	10
Benzo(b)fluoranthene	ND		mg/kg	1.2	0.32	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.47	10
Benzo(ghi)perylene	ND		mg/kg	1.5	0.22	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	83		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-83
 Client ID: 401-MA3-1-24-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:50
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 02/03/25 15:37
 Analyst: EJL
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.20		mg/kg	0.038	0.023	1
Fluorene	0.10	J	mg/kg	0.19	0.019	1
Phenanthrene	0.30		mg/kg	0.12	0.023	1
Anthracene	0.054	J	mg/kg	0.12	0.037	1
Pyrene	0.20		mg/kg	0.12	0.019	1
Benzo(a)anthracene	0.11	J	mg/kg	0.12	0.022	1
Chrysene	0.11	J	mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	0.12		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.10	J	mg/kg	0.15	0.047	1
Benzo(ghi)perylene	0.078	J	mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	78		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/29/25 02:48
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 01/28/25 12:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16,18,22,24,26 Batch: WG2024374-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.17	0.016
Phenanthrene	ND		mg/kg	0.10	0.020
Anthracene	ND		mg/kg	0.10	0.032
Pyrene	ND		mg/kg	0.10	0.016
Benzo(a)anthracene	ND		mg/kg	0.10	0.019
Chrysene	ND		mg/kg	0.10	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Benzo(ghi)perylene	ND		mg/kg	0.13	0.020

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	67		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/30/25 03:48
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 01/29/25 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27,29,31,33,35,37,39,41,43,45,47,49 Batch: WG2024814-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	ND		mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.018
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	72		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/03/25 11:06
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 01/30/25 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 Batch: WG2025319-1					
Naphthalene	ND		mg/kg	0.033	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.099	0.020
Anthracene	ND		mg/kg	0.099	0.032
Pyrene	ND		mg/kg	0.099	0.016
Benzo(a)anthracene	ND		mg/kg	0.099	0.018
Chrysene	ND		mg/kg	0.099	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.028
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	73		18-120

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/03/25 12:00
Analyst: HNY

Extraction Method: EPA 3546
Extraction Date: 02/02/25 20:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 75,77,79,81,83 Batch: WG2026009-1					
Naphthalene	ND		mg/kg	0.032	0.020
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Anthracene	ND		mg/kg	0.097	0.032
Pyrene	ND		mg/kg	0.097	0.016
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Chrysene	ND		mg/kg	0.097	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16,18,22,24,26 Batch: WG2024374-2 WG2024374-3								
Naphthalene	78		60		40-140	26		50
Fluorene	86		64		40-140	29		50
Phenanthrene	80		61		40-140	27		50
Anthracene	85		63		40-140	30		50
Pyrene	84		62		35-142	30		50
Benzo(a)anthracene	80		60		40-140	29		50
Chrysene	81		60		40-140	30		50
Benzo(b)fluoranthene	82		58		40-140	34		50
Benzo(a)pyrene	88		65		40-140	30		50
Benzo(ghi)perylene	82		60		40-140	31		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		65		25-120
Phenol-d6	82		64		10-120
Nitrobenzene-d5	86		66		23-120
2-Fluorobiphenyl	82		62		30-120
2,4,6-Tribromophenol	96		68		10-136
4-Terphenyl-d14	85		64		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29,31,33,35,37,39,41,43,45,47,49 Batch: WG2024814-2 WG2024814-3								
Naphthalene	76		76		40-140	0		50
Fluorene	76		75		40-140	1		50
Phenanthrene	76		75		40-140	1		50
Anthracene	78		77		40-140	1		50
Pyrene	77		76		35-142	1		50
Benzo(a)anthracene	73		72		40-140	1		50
Chrysene	70		70		40-140	0		50
Benzo(b)fluoranthene	73		74		40-140	1		50
Benzo(a)pyrene	76		77		40-140	1		50
Benzo(ghi)perylene	79		80		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		85		25-120
Phenol-d6	81		79		10-120
Nitrobenzene-d5	88		86		23-120
2-Fluorobiphenyl	78		77		30-120
2,4,6-Tribromophenol	83		81		10-136
4-Terphenyl-d14	79		77		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 Batch: WG2025319-2 WG2025319-3								
Naphthalene	68		83		40-140	20		50
Fluorene	68		82		40-140	19		50
Phenanthrene	67		80		40-140	18		50
Anthracene	70		85		40-140	19		50
Pyrene	70		82		35-142	16		50
Benzo(a)anthracene	67		82		40-140	20		50
Chrysene	64		78		40-140	20		50
Benzo(b)fluoranthene	67		86		40-140	25		50
Benzo(a)pyrene	66		88		40-140	29		50
Benzo(ghi)perylene	64		87		40-140	30		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		87		25-120
Phenol-d6	76		86		10-120
Nitrobenzene-d5	75		88		23-120
2-Fluorobiphenyl	74		85		30-120
2,4,6-Tribromophenol	71		76		10-136
4-Terphenyl-d14	71		77		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 75,77,79,81,83 Batch: WG2026009-2 WG2026009-3								
Naphthalene	77		73		40-140	5		50
Fluorene	75		68		40-140	10		50
Phenanthrene	70		66		40-140	6		50
Anthracene	72		70		40-140	3		50
Pyrene	71		67		35-142	6		50
Benzo(a)anthracene	67		64		40-140	5		50
Chrysene	64		61		40-140	5		50
Benzo(b)fluoranthene	66		67		40-140	2		50
Benzo(a)pyrene	68		71		40-140	4		50
Benzo(ghi)perylene	64		62		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		71		25-120
Phenol-d6	87		71		10-120
Nitrobenzene-d5	84		70		23-120
2-Fluorobiphenyl	82		72		30-120
2,4,6-Tribromophenol	75		58		10-136
4-Terphenyl-d14	73		61		18-120



METALS



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-02
 Client ID: 401-MA3-1-21-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	49.6		mg/kg	46.1	2.20	20	01/29/25 03:04	01/29/25 17:18	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-04
 Client ID: 401-MA3-1-21-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:50
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	60.1		mg/kg	4.95	0.236	2	01/29/25 03:04	01/29/25 14:17	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-06
 Client ID: 401-MA3-1-21-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:00
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	49.3		mg/kg	4.73	0.225	2	01/29/25 03:04	01/29/25 14:23	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-08
 Client ID: 401-MA3-1-21-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:10
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	9.59		mg/kg	4.54	0.216	2	01/29/25 03:04	01/29/25 14:28	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-10
 Client ID: 401-MA3-1-21-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:20
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	26.8		mg/kg	4.79	0.228	2	01/29/25 03:04	01/29/25 14:33	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-12
 Client ID: 401-MA3-1-49-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:20
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	247		mg/kg	4.30	0.205	2	01/29/25 03:04	01/29/25 14:38	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-14
 Client ID: 401-MA3-1-49-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:30
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	35.2		mg/kg	8.69	0.414	4	01/29/25 12:34	01/30/25 18:00	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-16
 Client ID: 401-MA3-1-49-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	45.8		mg/kg	4.29	0.204	2	01/29/25 12:34	01/30/25 12:22	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-18
 Client ID: 401-MA3-1-54-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:05
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	53.4		mg/kg	8.32	0.396	4	01/29/25 12:34	01/30/25 18:26	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-22
 Client ID: 401-MA3-1-54-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:25
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	64.7		mg/kg	4.28	0.204	2	01/29/25 12:34	01/30/25 12:33	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-24
 Client ID: 401-MA3-1-56-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:30
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.10	J	mg/kg	8.33	0.396	4	01/29/25 12:34	02/05/25 13:08	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-26
 Client ID: 401-MA3-1-56-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:40
 Date Received: 01/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6.38		mg/kg	4.18	0.199	2	01/29/25 12:34	01/30/25 14:04	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-27
 Client ID: 401-MA3-1-54-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 09:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6.76	J	mg/kg	8.52	0.406	4	01/29/25 12:34	01/30/25 18:31	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-29
 Client ID: 401-MA3-1-55-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:20
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	38.6		mg/kg	8.56	0.408	4	01/29/25 12:34	01/30/25 18:37	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-31
 Client ID: 401-MA3-1-55-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:30
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	477		mg/kg	4.63	0.220	2	01/29/25 12:34	01/30/25 14:20	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-33
 Client ID: 401-MA3-1-55-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:40
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	402		mg/kg	4.63	0.220	2	01/29/25 12:34	01/30/25 14:26	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-35
 Client ID: 401-MA3-1-55-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:50
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	130		mg/kg	4.56	0.217	2	01/29/25 12:34	01/30/25 14:31	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-37
 Client ID: 401-MA3-1-55-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 11:00
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	119		mg/kg	4.48	0.213	2	01/29/25 12:34	01/30/25 14:36	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-39
 Client ID: 401-MA3-1-57-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:35
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	81.0		mg/kg	4.45	0.212	2	01/29/25 12:34	01/30/25 14:41	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-41
 Client ID: 401-MA3-1-57-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:45
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.7		mg/kg	8.35	0.397	4	01/29/25 12:34	01/30/25 18:42	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-43
 Client ID: 401-MA3-1-57-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:55
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	71.1		mg/kg	4.44	0.211	2	01/29/25 12:34	01/30/25 16:12	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-45
 Client ID: 401-MA3-1-57-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	25.6		mg/kg	4.42	0.210	2	01/29/25 12:34	01/30/25 16:17	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-47
 Client ID: 401-MA3-1-57-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:15
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	84.2		mg/kg	4.29	0.204	2	01/29/25 12:34	01/30/25 16:23	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-49
 Client ID: 401-MA3-1-58-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 14:05
 Date Received: 01/28/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	44.5		mg/kg	4.24	0.202	2	01/29/25 12:34	01/30/25 16:28	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-51
 Client ID: 401-MA3-1-59-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:00
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	51.2		mg/kg	20.6	0.978	10	01/31/25 01:19	01/31/25 13:58	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-53
 Client ID: 401-MA3-1-59-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:10
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	156		mg/kg	4.51	0.215	2	01/31/25 01:19	01/31/25 12:45	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-55
 Client ID: 401-MA3-1-59-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:20
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	319		mg/kg	4.34	0.207	2	01/31/25 01:19	01/31/25 12:50	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-57
 Client ID: 401-MA3-1-59-C4-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:30
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	516		mg/kg	4.33	0.206	2	01/31/25 01:19	01/31/25 12:54	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-59
 Client ID: 401-MA3-1-59-C5-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:40
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	222		mg/kg	5.02	0.239	2	01/31/25 01:19	01/31/25 13:12	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-61
 Client ID: 401-MA3-1-60-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:05
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	30.0		mg/kg	4.37	0.208	2	01/31/25 01:19	01/31/25 13:17	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-63
 Client ID: 401-MA3-1-60-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:15
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	29.7		mg/kg	8.47	0.403	4	01/31/25 01:19	01/31/25 14:48	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-65
 Client ID: 401-MA3-1-60-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:25
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.66	J	mg/kg	9.16	0.436	4	01/31/25 01:19	01/31/25 14:53	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-67
 Client ID: 401-MA3-1-72-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:05
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.44		mg/kg	4.55	0.217	2	01/31/25 01:19	01/31/25 13:40	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-69
 Client ID: 401-MA3-1-72-C2-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:15
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	22.5		mg/kg	4.73	0.225	2	01/31/25 01:19	01/31/25 13:45	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-71
 Client ID: 401-MA3-1-72-C3-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:25
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	31.0		mg/kg	4.93	0.234	2	01/31/25 01:19	01/31/25 13:49	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-73
 Client ID: 401-MA3-1-68-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:40
 Date Received: 01/29/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	189		mg/kg	4.49	0.214	2	01/31/25 01:19	01/31/25 14:30	EPA 3050B	1,6010D	DMC



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-75
 Client ID: 401-MA3-1-35-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 09:05
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.57		mg/kg	4.78	0.227	2	02/04/25 15:16	02/04/25 19:50	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-77
 Client ID: 401-MA3-1-34-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 10:05
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.33		mg/kg	4.85	0.231	2	02/04/25 15:16	02/04/25 19:54	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-79
 Client ID: 401-MA3-1-33-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 11:10
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	13.1		mg/kg	4.74	0.226	2	02/04/25 15:16	02/04/25 19:59	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-81
 Client ID: 401-MA3-1-32-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:15
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	27.4		mg/kg	4.73	0.225	2	02/04/25 15:16	02/04/25 20:35	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-83
 Client ID: 401-MA3-1-24-C1-COMP
 Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:50
 Date Received: 01/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	175		mg/kg	4.54	0.216	2	02/04/25 15:16	02/04/25 20:39	EPA 3050B	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08,10,12 Batch: WG2024523-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/29/25 03:04	01/29/25 12:59	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14,16,18,22,24,26-27,29,31,33,35,37,39,41,43,45,47,49 Batch: WG2024526-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/29/25 12:34	01/30/25 11:46	1,6010D	EFM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 Batch: WG2025398-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	01/31/25 01:19	01/31/25 12:36	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 75,77,79,81,83 Batch: WG2026465-1									
Lead, Total	ND	mg/kg	2.00	0.095	1	02/04/25 17:18	02/04/25 19:41	1,6010D	EFM



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG2024523-2								
Lead, Total	93		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 14,16,18,22,24,26-27,29,31,33,35,37,39,41,43,45,47,49 Batch: WG2024526-2								
Lead, Total	87		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 Batch: WG2025398-2								
Lead, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 75,77,79,81,83 Batch: WG2026465-2								
Lead, Total	104		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 QC Batch ID: WG2024523-3 QC Sample: L2504484-02 Client ID: 401-MA3-1-21-C1-COMP												
Lead, Total	49.6	49.2	102	106	-	-	-	-	75-125	-	-	20
Total Metals - Mansfield Lab Associated sample(s): 14,16,18,22,24,26-27,29,31,33,35,37,39,41,43,45,47,49 QC Batch ID: WG2024526-3 QC Sample: L2504484-14 Client ID: 401-MA3-1-49-C2-COMP												
Lead, Total	35.2	44.8	79.4	99	-	-	-	-	75-125	-	-	20
Total Metals - Mansfield Lab Associated sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 QC Batch ID: WG2025398-3 QC Sample: L2504484-51 Client ID: 401-MA3-1-59-C1-COMP												
Lead, Total	51.2	43.8	109	132	Q	-	-	-	75-125	-	-	20
Total Metals - Mansfield Lab Associated sample(s): 75,77,79,81,83 QC Batch ID: WG2026465-3 QC Sample: L2505309-04 Client ID: MS Sample												
Lead, Total	73.8	44.5	235	362	Q	-	-	-	75-125	-	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 QC Batch ID: WG2024523-4 QC Sample: L2504484-02 Client ID: 401-MA3-1-21-C1-COMP						
Lead, Total	49.6	43.5J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 14,16,18,22,24,26-27,29,31,33,35,37,39,41,43,45,47,49 QC Batch ID: WG2024526-4 QC Sample: L2504484-14 Client ID: 401-MA3-1-49-C2-COMP						
Lead, Total	35.2	43.7	mg/kg	22	Q	20
Total Metals - Mansfield Lab Associated sample(s): 51,53,55,57,59,61,63,65,67,69,71,73 QC Batch ID: WG2025398-4 QC Sample: L2504484-51 Client ID: 401-MA3-1-59-C1-COMP						
Lead, Total	51.2	108	mg/kg	71	Q	20
Total Metals - Mansfield Lab Associated sample(s): 75,77,79,81,83 QC Batch ID: WG2026465-4 QC Sample: L2505309-04 Client ID: DUP Sample						
Lead, Total	73.8	567	mg/kg	154	Q	20



INORGANICS & MISCELLANEOUS

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-01
Client ID: 401-MA3-1-21-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:35
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-02
Client ID: 401-MA3-1-21-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:40
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-03
Client ID: 401-MA3-1-21-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:45
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-04
Client ID: 401-MA3-1-21-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:50
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-05
Client ID: 401-MA3-1-21-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 09:55
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-06
Client ID: 401-MA3-1-21-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:00
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-07
Client ID: 401-MA3-1-21-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:05
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-08
Client ID: 401-MA3-1-21-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:10
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-09
Client ID: 401-MA3-1-21-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:15
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-10
Client ID: 401-MA3-1-21-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 10:20
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-11
Client ID: 401-MA3-1-49-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:15
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-12
Client ID: 401-MA3-1-49-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:20
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-13
Client ID: 401-MA3-1-49-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:25
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-14
Client ID: 401-MA3-1-49-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:30
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-15
Client ID: 401-MA3-1-49-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:35
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-16
Client ID: 401-MA3-1-49-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 11:40
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-17
Client ID: 401-MA3-1-54-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:00
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-18
Client ID: 401-MA3-1-54-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:05
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-19
Client ID: 401-MA3-1-54-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:10
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-21
Client ID: 401-MA3-1-54-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:20
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/28/25 07:18	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-22
Client ID: 401-MA3-1-54-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 13:25
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	01/28/25 07:26	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-23
Client ID: 401-MA3-1-56-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:25
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	01/28/25 07:26	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-24
Client ID: 401-MA3-1-56-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:30
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	01/28/25 07:26	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-25
Client ID: 401-MA3-1-56-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:35
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	01/28/25 07:26	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-26
Client ID: 401-MA3-1-56-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/27/25 14:40
Date Received: 01/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	01/28/25 07:26	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-27
Client ID: 401-MA3-1-54-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 09:05
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-28
Client ID: 401-MA3-1-55-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:15
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-29
Client ID: 401-MA3-1-55-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:20
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-30
Client ID: 401-MA3-1-55-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:25
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-31
Client ID: 401-MA3-1-55-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:30
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-32
Client ID: 401-MA3-1-55-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:35
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-33
Client ID: 401-MA3-1-55-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:40
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-34
Client ID: 401-MA3-1-55-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:45
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-35
Client ID: 401-MA3-1-55-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:50
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-36
Client ID: 401-MA3-1-55-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 10:55
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-37
Client ID: 401-MA3-1-55-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 11:00
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-38
Client ID: 401-MA3-1-57-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:30
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-39
Client ID: 401-MA3-1-57-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:35
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-40
Client ID: 401-MA3-1-57-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:40
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-41
Client ID: 401-MA3-1-57-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:45
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-42
Client ID: 401-MA3-1-57-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:50
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-43
Client ID: 401-MA3-1-57-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 12:55
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-44
Client ID: 401-MA3-1-57-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:00
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-45
Client ID: 401-MA3-1-57-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:05
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-46
Client ID: 401-MA3-1-57-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:10
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	01/29/25 11:44	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-47
Client ID: 401-MA3-1-57-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 13:15
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	01/29/25 12:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-48
Client ID: 401-MA3-1-58-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 14:00
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	01/29/25 12:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-49
Client ID: 401-MA3-1-58-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/28/25 14:05
Date Received: 01/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	01/29/25 12:36	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-50
Client ID: 401-MA3-1-59-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 08:55
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-51
Client ID: 401-MA3-1-59-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-52
Client ID: 401-MA3-1-59-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-53
Client ID: 401-MA3-1-59-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-54
Client ID: 401-MA3-1-59-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-55
Client ID: 401-MA3-1-59-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:20
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-56
Client ID: 401-MA3-1-59-C4-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:25
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-57
Client ID: 401-MA3-1-59-C4-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-58
Client ID: 401-MA3-1-59-C5-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:35
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-59
Client ID: 401-MA3-1-59-C5-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 09:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-60
Client ID: 401-MA3-1-60-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-61
Client ID: 401-MA3-1-60-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-62
Client ID: 401-MA3-1-60-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-63
Client ID: 401-MA3-1-60-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-64
Client ID: 401-MA3-1-60-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:20
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-65
Client ID: 401-MA3-1-60-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 10:25
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-66
Client ID: 401-MA3-1-72-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-67
Client ID: 401-MA3-1-72-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-68
Client ID: 401-MA3-1-72-C2-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-69
Client ID: 401-MA3-1-72-C2-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	01/30/25 11:34	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-70
Client ID: 401-MA3-1-72-C3-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:20
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.6		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-71
Client ID: 401-MA3-1-72-C3-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 12:25
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-72
Client ID: 401-MA3-1-68-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:35
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-73
Client ID: 401-MA3-1-68-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/29/25 13:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-74
Client ID: 401-MA3-1-35-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 09:00
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-75
Client ID: 401-MA3-1-35-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 09:05
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-76
Client ID: 401-MA3-1-34-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 10:00
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-77
Client ID: 401-MA3-1-34-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 10:05
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-78
Client ID: 401-MA3-1-33-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 11:05
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-79
Client ID: 401-MA3-1-33-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 11:10
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-80
Client ID: 401-MA3-1-32-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:10
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-81
Client ID: 401-MA3-1-32-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:15
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-82
Client ID: 401-MA3-1-24-C1-VOC
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:45
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2504484-83
Client ID: 401-MA3-1-24-C1-COMP
Sample Location: 3144 W. PASSYUNK AVE, PHILADELPHIA, PA

Date Collected: 01/30/25 12:50
Date Received: 01/30/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	01/31/25 10:56	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-19,21 QC Batch ID: WG2024212-1 QC Sample: L2504484-01 Client ID: 401-MA3-1-21-C1-VOC						
Solids, Total	93.2	94.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 22-26 QC Batch ID: WG2024213-1 QC Sample: L2504407-01 Client ID: DUP Sample						
Solids, Total	89.0	87.5	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 27-46 QC Batch ID: WG2024700-1 QC Sample: L2504484-27 Client ID: 401-MA3-1-54-C2-COMP						
Solids, Total	90.6	91.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 47-49 QC Batch ID: WG2024703-1 QC Sample: L2504484-47 Client ID: 401-MA3-1-57-C5-COMP						
Solids, Total	88.1	87.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 70-73 QC Batch ID: WG2025095-1 QC Sample: L2504828-01 Client ID: DUP Sample						
Solids, Total	86.0	86.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 50-69 QC Batch ID: WG2025102-1 QC Sample: L2504484-50 Client ID: 401-MA3-1-59-C1-VOC						
Solids, Total	92.0	92.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 74-83 QC Batch ID: WG2025517-1 QC Sample: L2504484-74 Client ID: 401-MA3-1-35-C1-VOC						
Solids, Total	80.9	80.0	%	1		20

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent
A3	Absent
B	Absent
B1	Absent
B2	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-01A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-01B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-01C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-01D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-02B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-03A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2504484-03B	Vial water preserved	A	NA		3.1	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-03C	Vial water preserved	A	NA		3.1	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-03D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2504484-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2504484-04B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-05A	Vial MeOH preserved	A	NA		3.1	Y	Absent		PA-8260HLW(14)
L2504484-05B	Vial water preserved	A	NA		3.1	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-05C	Vial water preserved	A	NA		3.1	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-05D	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2504484-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		PB-TI(180)
L2504484-06B	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-07A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-07B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-07C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-07D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-08B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-09A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-09B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-09C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-09D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-10B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-11A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-11B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-11C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-11D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-12B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-13A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-13B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-13C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-13D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-14B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-15A	Vial MeOH preserved	B	NA		2.8	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-15B	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-15C	Vial water preserved	B	NA		2.8	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-15D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2504484-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		PB-TI(180)
L2504484-16B	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-17A	Vial MeOH preserved	C	NA		2.2	Y	Absent		PA-8260HLW(14)
L2504484-17B	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-17C	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-17D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TS(7)
L2504484-18A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		PB-TI(180)
L2504484-18B	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TS(7),PA-PAH(14)
L2504484-19A	Vial MeOH preserved	C	NA		2.2	Y	Absent		PA-8260HLW(14)
L2504484-19B	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-19C	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-19D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TS(7)
L2504484-20A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		ARCHIVE()
L2504484-20B	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		ARCHIVE()
L2504484-21A	Vial MeOH preserved	C	NA		2.2	Y	Absent		PA-8260HLW(14)
L2504484-21B	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-21C	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-21D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TS(7)
L2504484-22A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		PB-TI(180)
L2504484-22B	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TS(7),PA-PAH(14)
L2504484-23A	Vial MeOH preserved	C	NA		2.2	Y	Absent		PA-8260HLW(14)
L2504484-23B	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-23C	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-23D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TS(7)
L2504484-24A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		PB-TI(180)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-24B	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TS(7),PA-PAH(14)
L2504484-25A	Vial MeOH preserved	C	NA		2.2	Y	Absent		PA-8260HLW(14)
L2504484-25B	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-25C	Vial water preserved	C	NA		2.2	Y	Absent	28-JAN-25 06:27	PA-8260HLW(14)
L2504484-25D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TS(7)
L2504484-26A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		ARCHIVE()
L2504484-26B	Glass 120ml/4oz unpreserved	C	NA		2.2	Y	Absent		TS(7),PA-PAH(14)
L2504484-26C	Glass 60ml unpreserved split	C	NA		2.2	Y	Absent		PB-TI(180)
L2504484-27A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-27B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-28A	Vial MeOH preserved	A1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-28B	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-28C	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-28D	Plastic 120ml unpreserved	A1	NA		2.8	Y	Absent		TS(7)
L2504484-29A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-29B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-30A	Vial MeOH preserved	A1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-30B	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-30C	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-30D	Plastic 120ml unpreserved	A1	NA		2.8	Y	Absent		TS(7)
L2504484-31A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-31B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-32A	Vial MeOH preserved	A1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-32B	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-32C	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-32D	Plastic 120ml unpreserved	A1	NA		2.8	Y	Absent		TS(7)
L2504484-33A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-33B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-34A	Vial MeOH preserved	A1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-34B	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-34C	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-34D	Plastic 120ml unpreserved	A1	NA		2.8	Y	Absent		TS(7)
L2504484-35A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-35B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-36A	Vial MeOH preserved	A1	NA		2.8	Y	Absent		PA-8260HLW(14)
L2504484-36B	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-36C	Vial water preserved	A1	NA		2.8	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-36D	Plastic 120ml unpreserved	A1	NA		2.8	Y	Absent		TS(7)
L2504484-37A	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.8	Y	Absent		PB-TI(180)
L2504484-37B	Glass 120ml/4oz unpreserved	A1	NA		2.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-38A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-38B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-38C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-38D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)
L2504484-39A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-39B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-40A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-40B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-40C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-40D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)
L2504484-41A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-41B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-42A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-42B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-42C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-42D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-43A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-43B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-44A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-44B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-44C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-44D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)
L2504484-45A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-45B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-46A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-46B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-46C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-46D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)
L2504484-47A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-47B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-48A	Vial MeOH preserved	B1	NA		3.3	Y	Absent		PA-8260HLW(14)
L2504484-48B	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-48C	Vial water preserved	B1	NA		3.3	Y	Absent	29-JAN-25 08:11	PA-8260HLW(14)
L2504484-48D	Plastic 120ml unpreserved	B1	NA		3.3	Y	Absent		TS(7)
L2504484-49A	Metals Only-Glass 60mL/2oz unpreserved	B1	NA		3.3	Y	Absent		PB-TI(180)
L2504484-49B	Glass 120ml/4oz unpreserved	B1	NA		3.3	Y	Absent		TS(7),PA-PAH(14)
L2504484-50A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-50B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-50C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-50D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-51A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-51B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)
L2504484-52A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-52B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-52C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-52D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-53A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-53B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)
L2504484-54A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-54B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-54C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-54D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-55A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-55B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)
L2504484-56A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-56B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-56C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-56D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-57A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-57B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)
L2504484-58A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-58B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-58C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-58D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-59A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-59B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)
L2504484-60A	Vial MeOH preserved	B2	NA		3.9	Y	Absent		PA-8260HLW(14)
L2504484-60B	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-60C	Vial water preserved	B2	NA		3.9	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-60D	Plastic 120ml unpreserved	B2	NA		3.9	Y	Absent		TS(7)
L2504484-61A	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		3.9	Y	Absent		PB-TI(180)
L2504484-61B	Glass 120ml/4oz unpreserved	B2	NA		3.9	Y	Absent		TS(7),PA-PAH(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-62A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260HLW(14)
L2504484-62B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-62C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-62D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-63A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-63B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-64A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260HLW(14)
L2504484-64B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-64C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-64D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-65A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-65B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-66A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260HLW(14)
L2504484-66B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-66C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-66D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-67A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-67B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-67X	Glass 60ml unpreserved split	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-68A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260HLW(14)
L2504484-68B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-68C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-68D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-69A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-69B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-70A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260HLW(14)
L2504484-70B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)
L2504484-70C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-70D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-71A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-71B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-72A	Vial MeOH preserved	A2	NA		2.1	Y	Absent		PA-8260H(14),PA-8260HLW(14)
L2504484-72B	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260H(14),PA-8260HLW(14)
L2504484-72C	Vial water preserved	A2	NA		2.1	Y	Absent	30-JAN-25 08:05	PA-8260H(14),PA-8260HLW(14)
L2504484-72D	Plastic 120ml unpreserved	A2	NA		2.1	Y	Absent		TS(7)
L2504484-73A	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.1	Y	Absent		PB-TI(180)
L2504484-73B	Glass 120ml/4oz unpreserved	A2	NA		2.1	Y	Absent		TS(7),PA-PAH(14)
L2504484-74A	Vial MeOH preserved	A3	NA		3.8	Y	Absent		PA-8260HLW(14)
L2504484-74B	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-74C	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-74D	Plastic 120ml unpreserved	A3	NA		3.8	Y	Absent		TS(7)
L2504484-75A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		3.8	Y	Absent		PB-TI(180)
L2504484-75B	Glass 120ml/4oz unpreserved	A3	NA		3.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-76A	Vial MeOH preserved	A3	NA		3.8	Y	Absent		PA-8260HLW(14)
L2504484-76B	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-76C	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-76D	Plastic 120ml unpreserved	A3	NA		3.8	Y	Absent		TS(7)
L2504484-77A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		3.8	Y	Absent		PB-TI(180)
L2504484-77B	Glass 120ml/4oz unpreserved	A3	NA		3.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-78A	Vial MeOH preserved	A3	NA		3.8	Y	Absent		PA-8260HLW(14)
L2504484-78B	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-78C	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-78D	Plastic 120ml unpreserved	A3	NA		3.8	Y	Absent		TS(7)
L2504484-79A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		3.8	Y	Absent		PB-TI(180)
L2504484-79B	Glass 120ml/4oz unpreserved	A3	NA		3.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-80A	Vial MeOH preserved	A3	NA		3.8	Y	Absent		PA-8260HLW(14)

Project Name: BDH**Lab Number:** L2504484**Project Number:** P044.001.001**Report Date:** 02/10/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2504484-80B	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-80C	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-80D	Plastic 120ml unpreserved	A3	NA		3.8	Y	Absent		TS(7)
L2504484-81A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		3.8	Y	Absent		PB-TI(180)
L2504484-81B	Glass 120ml/4oz unpreserved	A3	NA		3.8	Y	Absent		TS(7),PA-PAH(14)
L2504484-82A	Vial MeOH preserved	A3	NA		3.8	Y	Absent		PA-8260HLW(14)
L2504484-82B	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-82C	Vial water preserved	A3	NA		3.8	Y	Absent	31-JAN-25 02:05	PA-8260HLW(14)
L2504484-82D	Plastic 120ml unpreserved	A3	NA		3.8	Y	Absent		TS(7)
L2504484-83A	Metals Only-Glass 60mL/2oz unpreserved	A3	NA		3.8	Y	Absent		PB-TI(180)
L2504484-83B	Glass 120ml/4oz unpreserved	A3	NA		3.8	Y	Absent		TS(7),PA-PAH(14)

Container Comments

L2504484-20A	Container Received Empty.
L2504484-20B	Container Received Empty.
L2504484-26A	Container Received Empty.

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BDH
Project Number: P044.001.001

Lab Number: L2504484
Report Date: 02/10/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania** **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: P044.001.001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET
Data Deliverables:
 Level II Level III Level IV
 EQUIS
 Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other
Date Results Requested:
Mater Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Slurry (SL), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Cable (CL), Lead/Leak (LL), Blood (BS), Other (OT)

County / State origin of sample(s): **Phila, PA**
Purchase Order # (if applicable):
Quote #:
Invoice to:
Invoice E-mail:
Specify Container Size **
8 10 15
Modify Container Preservation Type***
1 5 1
Analysis Requested
Shortlist 1-5 VOCs (8260)
Shortlist 1-5 SVOCs (8270)
Lead (6010)
Preservation time - min - max (per lot) (see manual)

LAB USE ONLY: Affix Workorder/Login Label Here.
L2504484 03FEB25
TERRAPHASE

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial Counts		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Passes	Units				
01 401-MA3-1-21-C1-VOC	So	G	1/27/25	9:35	1/27/25	9:35	4			X			
02 401-MA3-1-21-C1-comp		C		9:40		9:40	2				X	X	
03 401-MA3-1-21-C2-VOC		G		9:45		9:45	4			X			
04 401-MA3-1-21-C2-comp		C		9:50		9:50	2				X	X	
05 401-MA3-1-21-C3-VOC		G		9:55		9:55	4			X			
06 401-MA3-1-21-C3-comp		C		10:00		10:00	2				X	X	
07 401-MA3-1-21-C4-VOC		G		10:05		10:05	4			X			
08 401-MA3-1-21-C4-comp		C		10:10		10:10	2				X	X	
09 401-MA3-1-21-C5-VOC		G		10:15		10:15	4			X			
10 401-MA3-1-21-C5-comp		C		10:20		10:20	2				X	X	

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com
Collected By: **Marissa Maurer**
Printed Name: **Marissa Maurer**
Signature: *Marissa Maurer*

Customer Remarks / Special Conditions / Possible Hazards:
of Containers: 8 10 15 20 25 30 40 50 60 75 100

Requested by/Company, Signature	Date/Time	Received by/Company, Signature	Date/Time	Tracked by/Company, Signature	Date/Time
<i>Marissa Maurer</i> TEI	1/27/25 15:25	<i>John Solt</i> PACE	1/27/25 15:25		
<i>John Solt</i> PACE	1/27/25	<i>John Solt</i> PACE	1/27/25 18:35		
<i>John Solt</i>	1/27/25 1834	<i>John Solt</i> PACE	1/27/25 1835		

Pace Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Company Contact: Nick Scala
 Phone #: 609 236 8171 x92
 E-Mail: nick_scala@terraphase.com
 Cell-Mail: alexander.stroh@terraphase.com

Customer Project #: PD44.001.001
Project Name: BDH

Site Collection Info/Facility ID (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: JAK PT MT CT ET

County/State origin of sample(s): Phila, PA

Data Deliverables:
 Level I Level II Level III
 EDDs Other: _____

Regulatory Program (DW, RCRA, etc.) (if applicable): Reportable Yes No

Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____

Date Results Requested: _____

DW PWSID # or MW Permit # (if applicable): _____

Filtration (if applicable): Yes No

Analysis: _____

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), CERCLA Waste (WP), Tissue (TS), Residue (RL), Vapor (V), Surface Water (SW), Sediment (SE), Sludge (SL), Cask (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composited Start		Collected or Composited End		# Cont.	Residual Volume		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Prel. Mgr.	Acetum / Chlor. E1	Table #	Profile / Template	Preling / Settle Chl. J01	Sample Comment	
			Date	Time	Date	Time		Result	Units										
11 401-MA3-1-49-C1-VOC	So	G	1/27/25	11:15	1/27/25	11:15	4			X									
12 401-MA3-1-49-C1-comp		C		11:20		11:20	2				X	X							
13 401-MA3-1-49-C2-VOC		G		11:25		11:25	4			X									
14 401-MA3-1-49-C2-comp		C		11:30		11:30	2				X	X							
15 401-MA3-1-49-C3-VOC		G		11:35		11:35	4			X									
16 401-MA3-1-49-C3-comp		C		11:40		11:40	2				X	X							
17 401-MA3-1-54-C1-VOC		G		13:00		13:00	4			X									
18 401-MA3-1-54-C1-comp		C		13:05		13:05	2				X	X							
19 401-MA3-1-54-C2-VOC		G		13:10		13:10	4			X									
20 401-MA3-1-54-C2-comp		C		13:15		13:15	2				X	X							

Additional Instructions from Pace®: Please send EDDs to EDD@terraphase.com

Collected By: *Manissa Mowrer*
 Printed Name: Manissa Mowrer
 Signature: *Manissa Mowrer*

Customer Remarks / Special Conditions / Possible Hazards:

Received by Company (Signature): *Manissa Mowrer TEI* Date/Time: 1/27/25 15:25
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 15:35
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 18:34
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 18:35
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 18:35
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 18:35
Received by Company (Signature): *Manissa Mowrer* Date/Time: 1/27/25 18:35

Page: 2 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <http://info.pacelabs.com/submitting-a-sample>

Manissa Mowrer 1/28/25 00:45

ENV-FRM-CORCL-001%_v02_110123 ©

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
 Customer Project #: PD44.001.001
 Project Name: BDH
 Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA
 Time Zone Collected: AK PT MT CT ET
 County / State origin of sample(s): Phila, PA

Contact/Request to: Nick Scilla
 Phone #: 609 236 8171 x92
 E-Mail: nick.scilla@terraphase.com
 Cc E-Mail: alexander.shih@terraphase.com
 Invoice to:
 Invoice E-mail:
 Purchase Order # (if applicable):
 Quote #:

LAB USE ONLY- Affix Workorder Login Label Here
L2504484 03FEB25
TERRAPHASE

Specify Container Size **
 # 30 10
 Identify Container Preservative Type**
 1 5 1
 Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 60mL, (6) 30mL, (7) 15mL, (8) TerraCone, (9) 80mL, (10) Other
 ***Preservative Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) Na2SO4, (8) Sealable, (9) Ascorbic Acid, (10) HNO3, (11) Other

Data Deliverables:
 Level III Level III Level IV
 PCBs
 Other
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____
 Date Results Requested:
 DW PWSID # (if WW Permit # is applicable):
 Field Filled (if applicable): Yes No
 Analysis:

*Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (T), Biosoil (B), Vapor (V), Surface Water (SW), Sediment (SE), Sludge (S), Cask (CK), Leachate (L), Biosolid (BS), Other (O)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start:		Collected or Composite End		# Cont.	Includ Ozone	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
21 401-MA3-1-54-C3-VOC	SO	G	1/27/25	13:20	1/27/25	13:20	4		X			
22 401-MA3-1-54-C3-comp	SO	G	1/27/25	13:25	1/27/25	13:25	2		X	X		
23 401-MA3-1-56-C1-VOC	SO	G	1/27/25	14:25	1/27/25	14:25	4		X			
24 401-MA3-1-56-C1-comp		C		14:30		14:30	2		X	X		
25 401-MA3-1-56-C2-VOC		G		14:35		14:35	4		X			
26 401-MA3-1-56-C2-comp		C		14:40		14:40	2		X	X		

Additional instructions from Pace®: Please send EDDs to EDD@terraphase.com
 Collected By: Marissa Mower
 Printed Name: Marissa Mower
 Signature: Marissa Mower
 Customer Remarks / Special Conditions / Possible Hazards:
 Chlorine Chloroform Carbon Tetrachloride Hexachlorocyclopentadiene Other


Released by/Company (Signature): Marissa Mower TEI Date/Time: 1/27/25 15:25
 Requested by/Company (Signature): [Signature] PACE Date/Time: 1/27/25 15:55
 Released by/Company (Signature): [Signature] PACE Date/Time: 1/27/25 18:35
 Requested by/Company (Signature): [Signature] PACE Date/Time: 1/27/25 18:35

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pace-lab.com/hubfs/pac-standard-form.pdf>
 Page: 3 of 3
 ENV-FRM-CORQ-0010_v02_110120 ©

Pace Pace® Location Requested (City/State):
Folcroft, Pennsylvania

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all required fields

L2504484 04FEB25
TERRAPHASE



Company Name: Terraphase Engineering Inc.
Street Address:
100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110

Customer Project #: P044.001.001
Project Name:
BDH

Site Collection Info/Facility ID (in appendix B):
3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AK PT MT CT ET

Data Deliverables:
 Level II Level III Level IV
 EQUIS
 Other

Contact/Request to: Nick Scala
Phone #: 609 296 8171 ext 2
E-Mail: nick_scala@terraphase.com
Cc E-Mail: alexander.strohl@terraphase.com

Invoice to:
Invoice E-mail:

Particulars Order # (if applicable):
Quote #:

County / State origin of sample(s): **Phila, PA**

Regulatory Program (DWR, RCRA, etc.) as applicable: _____ Reportable Yes No

Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____

Date Results Requested: _____

DW PWSID # or VW Permit # as applicable: _____
Field Filled (if applicable): Yes No
Analyst: _____

LAB USE ONLY - Affix Workorder Log Label Here

Identify Container Size**
B 10 10

Identify Container Preservation Type**
1 1 1

Analyte Requested

Shortlist 1-5 VOCs (8260) X X

Shortlist 1-5 SVOCs (8270) X X

Lead (6010) X X

Container Size: (1) 1L, (2) 50mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 400mL, (7) 1000mL, (8) 2000mL, (9) 5000mL, (10) Other

** Preservation Types: (1) None, (2) HCl, (3) HClO4, (4) HCl, (5) AcOH, (6) Zn Acetate, (7) HNO3, (8) Seal-Tite/Airtite, (9) Acetic Acid, (10) MeOH, (11) Other

Prox. Mgr.: _____
Alt. Name / Client ID: _____
Title #: _____
Profile / Summary: _____
Trailing / Bottle Cont. #: _____

Sample Comment

Customer Sample ID	Matrix*	Cont. / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Observed		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
-27 401-MA3-1-54-C2-comp	S	C	1/28/25	9:05	1/28/25	9:05	2				X	X	
-28 401-MA3-1-55-C1-VOC	G	G		10:15		10:15	4			X			
-29 401-MA3-1-55-C1-comp	C	C		10:20		10:20	2			X	X		
-30 401-MA3-1-55-C2-VOC	G	G		10:25		10:25	4			X			
-31 401-MA3-1-55-C2-comp	C	C		10:30		10:30	2			X	X		
-32 401-MA3-1-55-C3-VOC	G	G		10:35		10:35	4			X			
-33 401-MA3-1-55-C3-comp	C	C		10:40		10:40	2			X	X		
-34 401-MA3-1-55-C4-VOC	G	G		10:45		10:45	4			X			
-35 401-MA3-1-55-C4-comp	C	C		10:50		10:50	2			X	X		
-36 401-MA3-1-55-C5-VOC	G	G		10:55		10:55	4			X			

Additional instructions from Pace®: **SDG # L2504484**
Please send EDDs to EDD@terraphase.com

Collected By: **Marissa Mauer**
Printed Name: _____
Signature: *Marissa Mauer*

Customer Remarks / Special Conditions / Possible Hazards:
Containers: _____ # Preservatives: _____ # Containers with PWSID: _____ # DW PWSID: _____ # Reported Street ID: _____ # Other: _____

Relinquished by Company (Signature): <i>Marissa Mauer</i> TEI	Date/Time: 1/28/25 1445	Received by Company (Signature): <i>Anthony Green</i> PACE	Date/Time: 01/28/25 1445	Tracking Number:
Relinquished by Company (Signature): <i>Anthony Green</i> PACE	Date/Time: 01/28/25 1836	Received by Company (Signature): _____	Date/Time: 01/28/25 1836	Collected by: <input type="checkbox"/> SD <input type="checkbox"/> P <input type="checkbox"/> O <input type="checkbox"/> C
Relinquished by Company (Signature): _____	Date/Time: 01/28/25 1836	Received by Company (Signature): <i>Anthony Green</i>	Date/Time: JAN 28 2025 2120	<input type="checkbox"/> P <input type="checkbox"/> O <input type="checkbox"/> C
Relinquished by Company (Signature): <i>Anthony Green</i>	Date/Time: 1/29/25 0010	Received by Company (Signature): _____	Date/Time: 1/29/25 0010	Page: 1 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.terrapi.com/chain-of-custody-terms>

ENV 77M CDR 0019_V02 11/02/21 ©

01/29/25 0220 *Marissa Mauer* 01/29/25-0220

L2504484

Pace® Location Requested (City/State): CHAIN-OF-CUSTODY Analytical Request Document
Folcroft, Pennsylvania
Chain-of-Custody is a (MA) DOCUMENT - Consists of relevant fields

Company Name: Terraphase Engineering Inc.
Site Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: PD14_001_001
Project Name: BDH
Site Collection Info/Facility ID (as applicable): 3144 W. Passyunk Ave, Philadelphia PA

Contact/Report to: Nick Scala
Phone #: 609 236 8171 x82
E-Mail: nick.scala@terraphase.com
Cx E-Mail: alexander.stroh@terraphase.com

Time Zone Collected: LAE JPT LMT ICT ET
County / State origin of sample(s): Phila, PA

Data Deliverables: Level II Level III Level IV
 EQUIS Other _____
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW PWSID # or WW Permit # as applicable: _____
Field Filtered (If applicable): Yes No
Analysis: _____

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Vapor (VP), Tissue (TS), Biotoxin (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CX), Leachate (LL), Biofilm (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume	Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time								
-37 401-MA3-1-55-C5-comp	So	C	1/28/25	11:00	1/28/25	11:00	2				X	X		
-38 401-MA3-1-57-C1-VOC		G		12:30		12:30	4			X				
-39 401-MA3-1-57-C1-comp		C		12:35		12:35	2			X	X			
-40 401-MA3-1-57-C2-VOC		G		12:40		12:40	4			X				
-41 401-MA3-1-57-C2-comp		C		12:45		12:45	2				X	X		
-42 401-MA3-1-57-C3-VOC		G		12:50		12:50	4							
-43 401-MA3-1-57-C3-comp		C		12:55		12:55	2				X	X		
-44 401-MA3-1-57-C4-VOC		G		13:00		13:00	4			X				
-45 401-MA3-1-57-C4-comp		C		13:05		13:05	2				X	X		
-46 401-MA3-1-57-C5-VOC		G		13:10		13:10	4			X				

Additional Instructions from Pace®: SDG# L2504484
 Please send EDDs to EDD@terraphase.com

Collected By: Marissa Mowrer
Printed Name: Marissa Mowrer
Signature: Marissa Mowrer

Customer Remarks / Special Conditions / Possible Hazards:

Released by/Company (Signature): Marissa Mowrer TE1
Date/Time: 1/28/25 @ 1445
Received by/Company (Signature): PACE
Date/Time: 01/28/25 1445

Released by/Company (Signature): Anthony Green
Date/Time: 1/28/25 1136
Received by/Company (Signature): Anthony Green
Date/Time: 1/28/25 1136

Released by/Company (Signature): Anthony Green
Date/Time: 1/29/25 0010
Received by/Company (Signature): Anthony Green
Date/Time: 1/29/25 0010

Page: 2 of 3

Submitting a sample via this chain of custody constitutes an acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/0089/001-standard-terms.pdf>.
 1/29/25 0220 [Signature] 01/29/25-0220

L2504484

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc. **Contact/Report To:** Nick Scala
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 **Phone #:** 609 236 8171 x92
Project Name: BDH **E-Mail:** nick.scala@terraphase.com
Customer Order #: PD44.001.001 **Fax E-Mail:** alexander.afroh@terraphase.com
Site Collection Info/Facility ID (if available): 3144 W. Passyunk Ave, Philadelphia PA
Time Zone Collected: AR PT MT CT ET **County / State origin of sample(s):** Phila, PA

Data Deliverables: Level I Level II Level IV EQUIS Other _____
Regulatory Program (DNR, RCRA, etc.) as applicable: _____ **Reportable:** Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____ **DW DWSD # or WW Permit # as applicable:** _____
Date Results Requested: _____ **Field Filtered (if applicable):** Yes No
Analysis: _____

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Process (P), Soil/Solid (SS), Oil (OL), Water (WP), Tissue (T), Biomass (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Gash (GX), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine Result Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Pro: Mgr.	Account / Client ID:	Table #:	Profile / Template:	Profile / Batch Ord. ID:	Sample Comment	
			Date	Time	Date	Time												
-47 401-MA3-1-57-CS-comp	SO	C	1/28/25	13:15	1/28/25	13:15	2		X	X								
-48 401-MA3-1-58-CI-VOC	G	G		14:00		14:00	4		X									
-49 401-MA3-1-58-CI-comp	C	C		14:05		14:05	2		X	X								

Additional Instructions from Pace®: SDG# L2504484
 Please send EDDs to EDD@terraphase.com

Collected By: Marissa Kupper
Signature: Marissa Kupper

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): Marissa Kupper
Date/Time: 1/28/25 1445

Received by/Company (Signature): Anthony Green
Date/Time: 1/29/25 0010

Received by/Company (Signature): Anthony Green
Date/Time: 1/29/25 0010

Received by/Company (Signature): Anthony Green
Date/Time: 1/29/25 0010

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/chain-of-custody>

1/29/25 0220

01/29/25-0220

Pace® Location Requested (City/State): **Folcroft, Pennsylvania**

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: PM44.001.D01
Project Name: BDH
Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA

Contact/Request to: Nick Scala
Phone #: 608 236 8171 x592
E-Mail: nick.scala@terraphase.com
Cc E-Mail: alexander.stroh@terraphase.com

Invoice to:
Invoice E-mail:

Purchase Order # (if applicable):
Quote #:

Time Zone Collected: AK PT MT CT ET
Country / State origin of sample(s): Phila, PA

Data Deliverables:
 Level II Level III Level IV
 XGUS
 Other

Regulatory Program (DW, SCRA, etc.) as applicable: Reportable Yes No
Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): Yes No
Analysis:

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WWS), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Breath (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Proj. Appr.	AccNum / Client ID:	Table #:	Profile / Template:	Presig / Bottle Ord. ID:	Sample Comment	Preservation non-conformance identified for sample	
			Date	Time	Date	Time		Result	Units											
50 401-MA3-1-59-C1-VOC	SO	G	1/29/25	855	1/29/25	855	4			X										
51 401-MA3-1-59-C1-comp	C			900		9:00	2				X	X								
52 401-MA3-1-59-C2-VOC	G			905		9:05	4			X										
53 401-MA3-1-59-C2-comp	C			910		9:10	2				X	X								
54 401-MA3-1-59-C3-VOC	G			915		9:15	4			X										
55 401-MA3-1-59-C3-comp	C			920		9:20	2				X	X								
56 401-MA3-1-59-C4-VOC	G			925		9:25	4			X										
57 401-MA3-1-59-C4-comp	C			930		9:30	2				X	X								
58 401-MA3-1-59-C5-VOC	G			935		9:35	4			X										
59 401-MA3-1-59-C5-comp	C			940		9:40	2				X	X								

Additional Instructions from Pace®: SDG# L2504484
Please send EDDs to EDD@terraphase.com

Collected By: Marissa Mawrer
Printed Name: Marissa Mawrer
Signature: Marissa Mawrer

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): J. P. Angel
Date/Time: 1/29/25 14:17
Tracking number:

Received by/Company (Signature): Anthony Green
Date/Time: JAN 29 2025 12:25
Delivered by: W. Person Courier

Received by/Company (Signature): Anthony Green
Date/Time: 1/30/25 0120
Page: 1 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/tech/pacelabs-standard-terms.pdf>

ENV-FRM-CORD-0019_v02_110123 ©

01/30/25-0320

L2504484

Pace Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Company Name: Terraphase Engineering Inc. Contact/Request To: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 238 8171 x92
 Customer Project #: PD44 001 001 E-Mail: nick.scala@terraphase.com
 Project Name: BDH Invoice to: Cc E-Mail: alexander.stroh@terraphase.com
 Site Collection Info/Facility ID (if applicable): Purchase Order # (if applicable):
 3144 W. Passyunk Ave, Philadelphia PA Quote #:
 Time Zone Collected: AK PT MT CT ET County / State origin of sample(s): **Phila, PA**

Regulatory Program (DWM, RCRA, etc.) if applicable: Reportable Yes No
 Flush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____ DWM PWSID # or WW Permit # if applicable: _____
 Date Results Requested: _____ Field Filtered (if applicable): Yes No
 Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solid/Solid (SS), Oil (O), Wipe (WP), Tissue (TS), Biosay (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (S), Cavity (CK), Leachate (L), Blood (BL), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time						
-60 401-MA3-1-60-C1-VOC	So	G	1/29/25	10:00	1/29/25	10:00	4		X			
-61 401-MA3-1-60-C1-COMP		C		10:05		10:05	2			X	X	
-62 401-MA3-1-60-C2-VOC		G		10:10		10:10	4		X			
-63 401-MA3-1-60-C2-COMP		C		10:15		10:15	2			X	X	
-64 401-MA3-1-60-C3-VOC		G		10:20		10:20	4		X			
-65 401-MA3-1-60-C3-COMP		C		10:25		10:25	2			X	X	
-66 401-MA3-1-72-C1-VOC		G		12:00		12:00	4		X			
-67 401-MA3-1-72-C1-COMP		C		12:05		12:05	2			X	X	
-68 401-MA3-1-72-C2-VOC		G		12:10		12:10	4		X			
-69 401-MA3-1-72-C2-COMP		C		12:15		12:15	2			X	X	

Additional Instructions from Pace*: **SDG # L2504484**
 Please send EDDs to **EDD@terraphase.com**
 Collected By: **Marissa Mowrer**
 Signature: *Marissa Mowrer*
 Customer Remarks / Special Conditions / Possible Hazards: _____

Released by/Company (Signature): *Marissa Mowrer TEI* Date/Time: **1/29/25 0145** Received by/Company (Signature): *Anthony Green* Date/Time: **1/29/25 14:17**
 Released by/Company (Signature): *[Signature]* Date/Time: **1/29/25 1443** Received by/Company (Signature): *[Signature]* Date/Time: **1/29 1445**
 Released by/Company (Signature): *Anthony Green* Date/Time: **1/30/25 0120** Received by/Company (Signature): *[Signature]* Date/Time: **JAN 29 2025 0235**
 Released by/Company (Signature): *[Signature]* Date/Time: **1/30/25 0320** Received by/Company (Signature): *[Signature]* Date/Time: **1/30/25 0126**


Submitting a sample via this chain-of-custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions based at <https://info.pacelabs.com/chain-of-custody-terms-and-conditions>

Page: **2** of **3**

L2504484

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Folcroft, Pennsylvania
Chain-of-Custody is a LCOM DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Log Label Here

QR Code:  Scan QR Code for instructions

Emergency Name: Terraphase Engineering Inc. Contact/Report to: Nick Scala
 Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110 Phone #: 609 235 8171 x22
 Customer Project #: P044 001 001 E-Mail: nick.scala@terraphase.com
 Project Name: BDH Invoice to: alexander.alfohl@terraphase.com
 Site Collection Info/Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA Purchase Order # (if applicable):
 Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET Country / State origin of sample(s): **Phila, PA** Quantal:
 Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 [] Level I [] Level II [] Level III Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other: DW PWSID for WWT Permit # as applicable:
 [] HGIS Data Results Requested: Field Filtered (if applicable): [] Yes [] No
 [] Other Analytic:
 * Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Ambient (A), Soil/Solid (SS), Oil (OS), Wipe (WP), Phase (PS), Biosay (BS), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Caulk (CK), Leachate (LL), Storm (HS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Initial / Matrix Result	Units	Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Prep. Mtr:	Acc/Name / Client ID:	Title #:	Profile / Template:	Vialing / Bottle Ori. ID:	Sample Comment	Preservation Non-compliance Identified for samples	
			Date	Time	Date	Time														
-70 401-MA3-1-72-C3-VOC	SO	G	1/29/25	12:20	1/29/25	12:20	4			X										
-71 401-MA3-1-72-C3-comp	C	C	1/29/25	12:25	1/29/25	12:25	2				X	X								
-72 401-MA3-1-68-C1-VOC	G	G	↓	13:35	↓	13:35	4			X										
-73 401-MA3-1-68-C1-comp	C	C	↓	13:40	↓	13:40	2				X	X								

Additional instructions from Pace*: **SDG # L2504484**
 Please send EDDs to **EDD@terraphase.com**

Collected by: **Marissa Mowrer**
 Printed Name: **Marissa Mowrer**
 Signature: *Marissa Mowrer*

Customer Remarks / Special Conditions / Possible Hazards:

Received by/Company (Signature): *Anthony Green* Date/Time: **1/29/25 @ 1415**
 Received by/Company (Signature): *Anthony Green* Date/Time: **1/29/25 1245**
 Received by/Company (Signature): *Anthony Green* Date/Time: **1/29/25 0600**
 Received by/Company (Signature): *Anthony Green* Date/Time: **JAN 29 2025 0230**
 Received by/Company (Signature): *Anthony Green* Date/Time: **1/30/25 0120**

Page: **3** of **3**

Anthony Green 1/30/25 0320 *Marissa Mowrer* 01/30/25-0320

L2504484
L2504484 (W25) 11/3/25

Pace Pace® Location Requested (City/State):
Folcroft, Pennsylvania

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Terraphase Engineering Inc.
Street Address: 100 Canal Pointe Blvd, Princeton NJ, 08540, Suite 110
Customer Project #: PD44.001.001
Project Name: BDH
Site Collection (for Facility ID (if applicable): 3144 W. Passyunk Ave, Philadelphia PA

Time Zone Collected: AET JET MET CET ET
County / State origin of sample(s): Phila, PA

Date Deliverables: Level I Level II Level III
 EQUIS
 Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: _____ Repeatable Yes No
Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other _____
Date Results Requested: _____
DW PWSD # or VW Permit # as applicable: _____
Field Filtered (if applicable): Yes No
Analysis: _____

LAB USE ONLY - Affix Workorder Login Label Here

 Scan QR Code for instructions

Specify Container Size **				
#	10	10	10	10
Identify Container Preservative Type***				
1	1	1	1	1

Analysis Requested:

Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)
---------------------------	----------------------------	-------------

Consumer Size (1) 10, (2) 200mL, (3) 500mL, (4) 12mL, (5) 30mL, (6) 450mL, (7) EcoCone, (8) TerraCone, (9) 50mL, (10) Other

*** Preservative Types (1) None, (2) HClO4, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaOH/4, (8) See Thiscolite, (9) Ascorbic Acid, (10) NaOH, (11) Other

Proj. Mgr: _____

Account / Client ID: _____

Table ID: _____

Profile / Template: _____

Presig / Buffer Grid ID: _____

Preservation non-compliance identified for sample.

Matrix Cashes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Pretreat (PT), Soil/Solid (SS), Oil (OI), Wipe (WFL), Floor (FL), Bioslayer (BS), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CQ), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Volume		Shortlist 1-5 VOCs (8260)	Shortlist 1-5 SVOCs (8270)	Lead (6010)	Sample Comment
			Date	Time	Date	Time		Result	Units				
73 401-MA3-1-35-C1-VOC	SG	G	1/30/25	9:00	1/30/25	9:00	4			X			
74 401-MA3-1-35-C1-COMP		C		9:05		9:05	2				X	X	
75 401-MA3-1-34-C1-VOC		G		10:00		10:00	4			X			
76 401-MA3-1-34-C1-COMP		C		10:05		10:05	2				X	X	
77 401-MA3-1-33-C1-VOC		G		11:05		11:05	4			X			
78 401-MA3-1-33-C1-COMP		C		11:10		11:10	2				X	X	
79 401-MA3-1-32-C1-VOC		G		12:10		12:10	4			X			
80 401-MA3-1-32-C1-COMP		C		12:15		12:15	2				X	X	
81 401-MA3-1-24-C1-VOC		G		12:45		12:45	4			X			
82 401-MA3-1-24-C1-COMP		C		12:50		12:50	2				X	X	

Additional Instructions from PACE: SDG # L2504484
Please send EDDs to EDD@terraphase.com

Collected By: Printed Name Marissa Mowrer
Signature Marissa Mowrer

Customer Remarks / Special Conditions / Possible Hazards: _____

Revised by/Company: Signature <u>Marissa Mowrer TEL</u>	Date/Time: <u>1/30/25 @ 1340</u>	Received by/Company: Signature <u>C. Ryan Page</u>	Date/Time: <u>1/30/25 1340</u>	Tracking number: _____ Ordered by: <input type="checkbox"/> Print Protocol <input type="checkbox"/> Custom <input type="checkbox"/> FAXED <input type="checkbox"/> EMS <input type="checkbox"/> Other _____
Revised by/Company: Signature _____	Date/Time: <u>1/30/25 1500</u>	Received by/Company: Signature _____	Date/Time: <u>1/30/25 1500</u>	
Revised by/Company: Signature <u>C. Ryan Page</u>	Date/Time: <u>1/30/25 16:45</u>	Received by/Company: Signature _____	Date/Time: <u>1/30/25 16:50</u>	

Submitting a sample via this chain-of-custody constitutes acknowledgement and acceptance of the Pace® Terms and Conditions found at <https://info.pacelabs.com/industry/pas-standard-terms.pdf>

Page: _____ of _____
ENV-FRM-CORC-0019_v03_11/12/22 ©

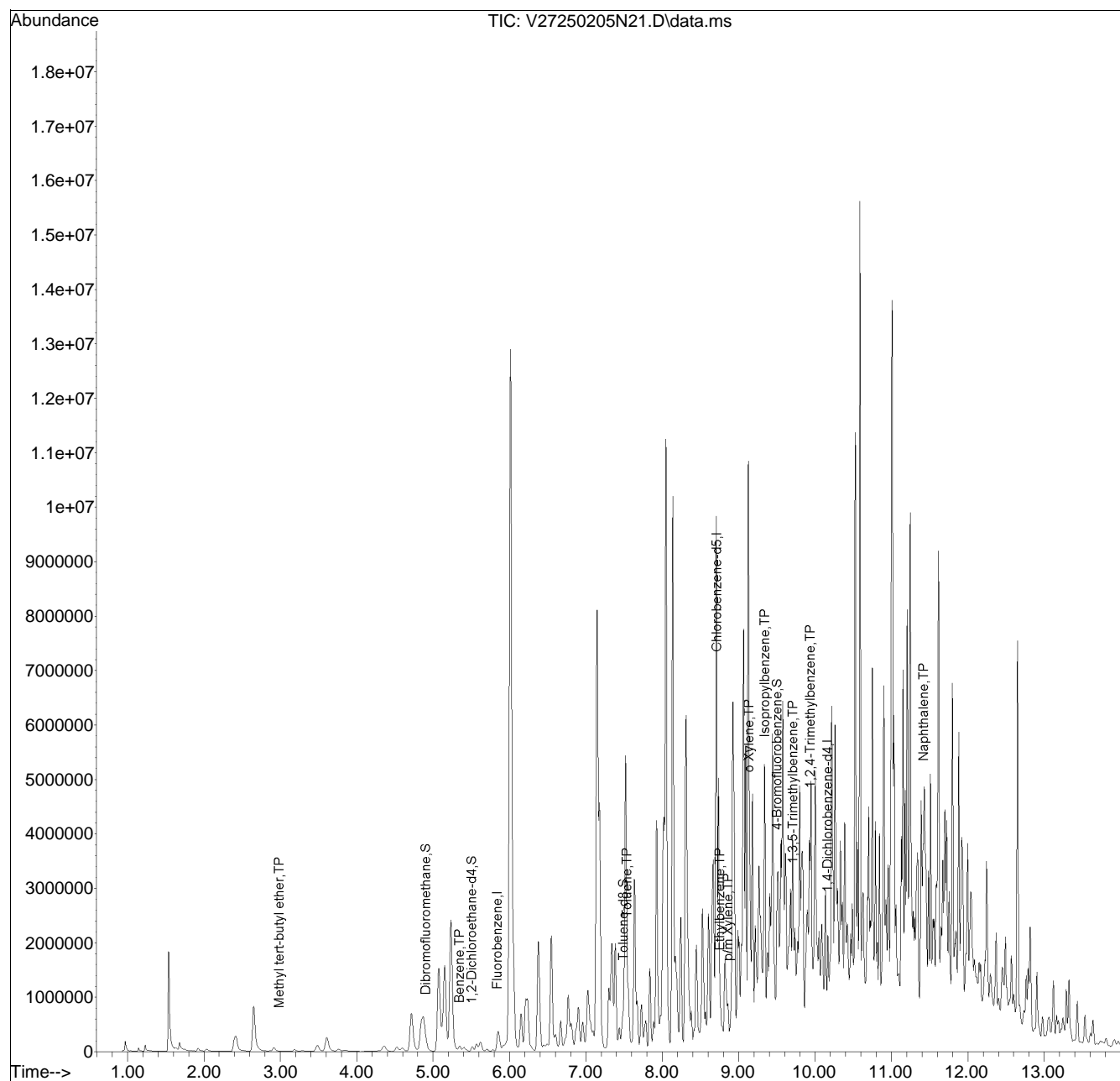
L2504484
1/30/25 2230

Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
 Data File : V27250205N21.D
 Acq On : 06 Feb 2025 07:21 am
 Operator : VOA127:JIC
 Sample : 12504484-07,31h,4.92,5,0.100,,a,30.72,36.14,0
 Misc : WG2027528,ICAL21879
 ALS Vial : 50 Sample Multiplier: 1

Quant Time: Feb 06 08:34:32 2025
 Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

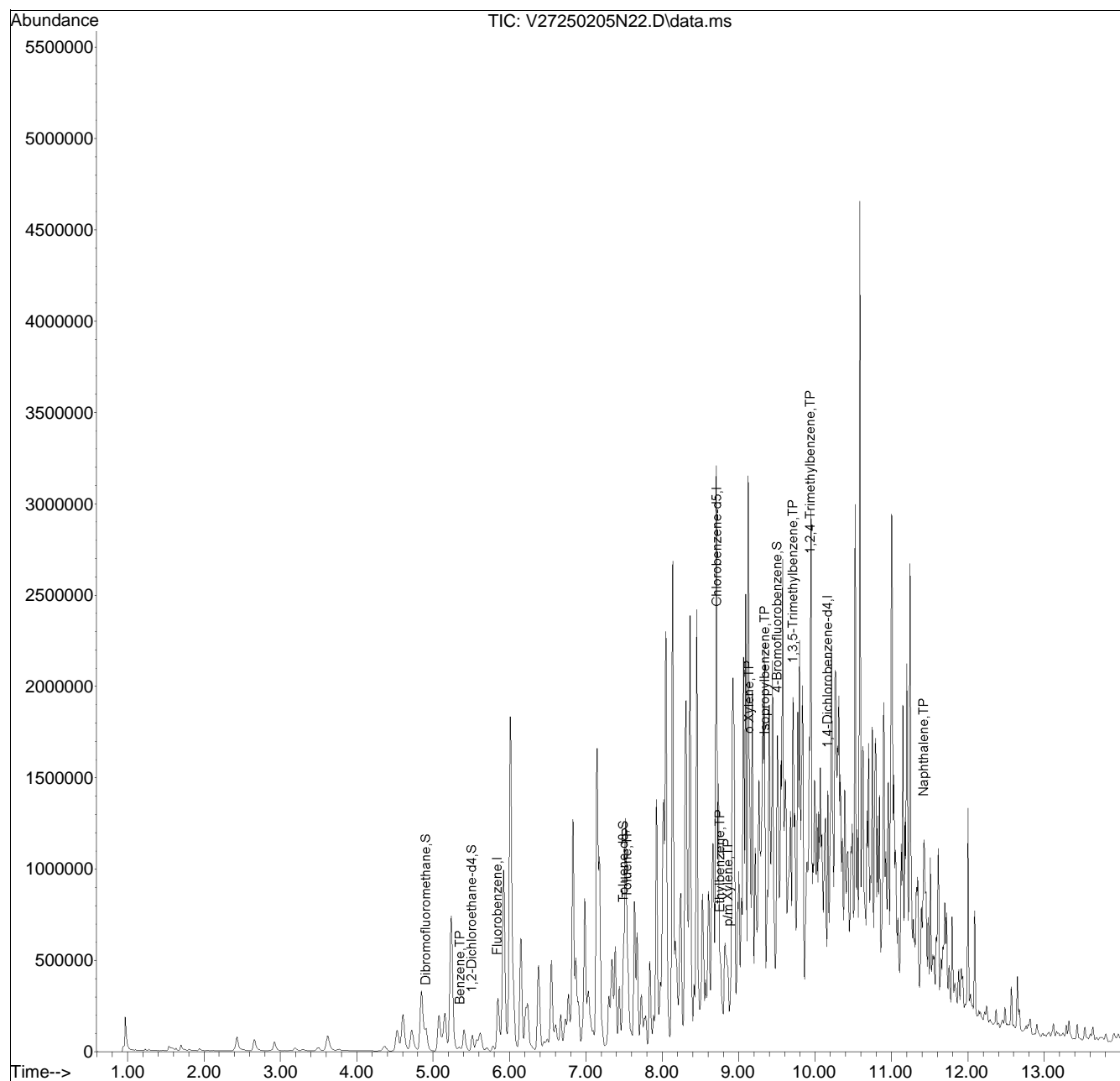


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N22.D
Acq On : 06 Feb 2025 07:42 am
Operator : VOA127:JIC
Sample : 12504484-11d,31h,3.32,5,0.01,,a,30.38,34.20,0
Misc : WG2027528,ICAL21879
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Feb 06 08:35:58 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

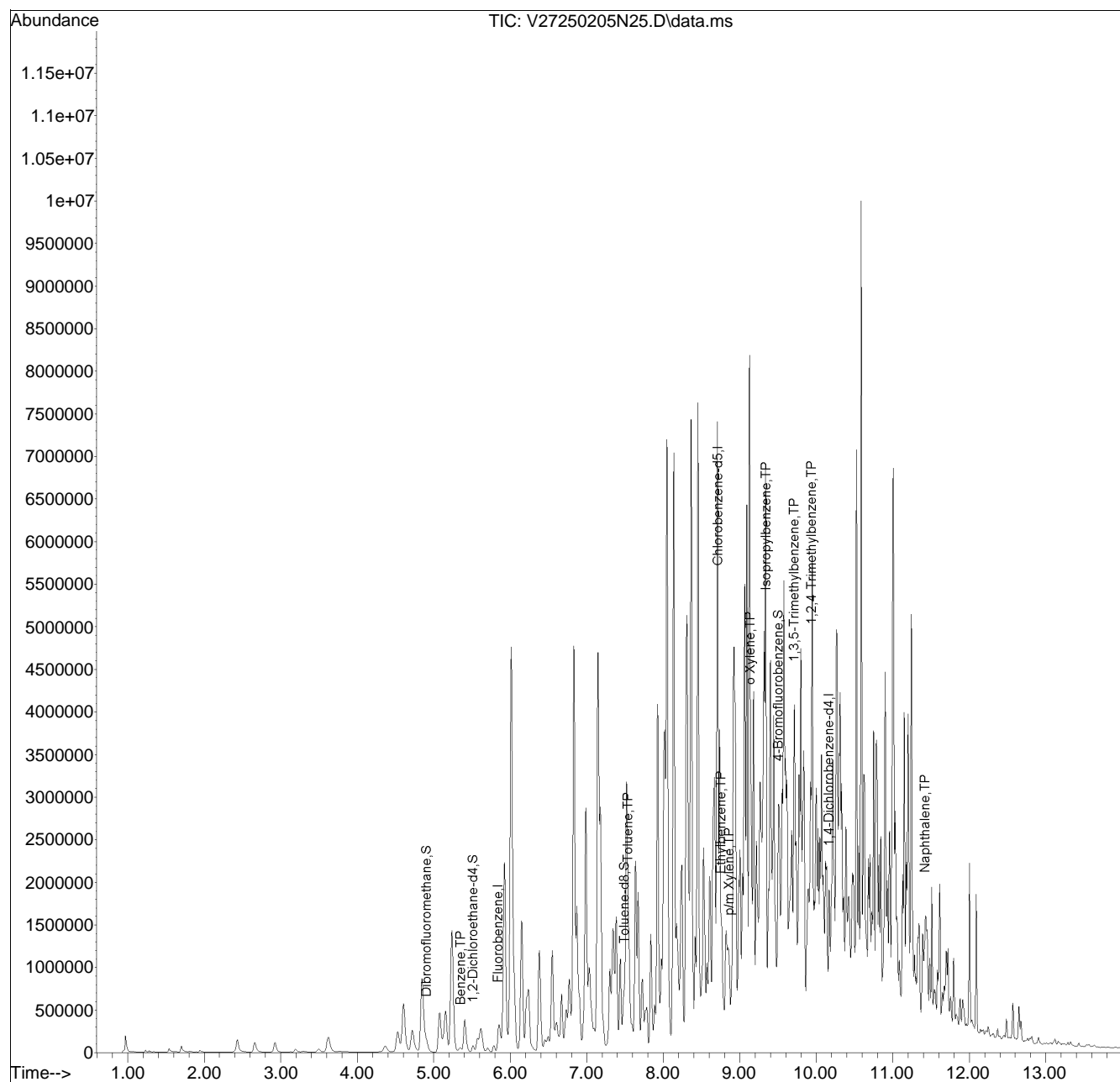


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
 Data File : V27250205N25.D
 Acq On : 06 Feb 2025 08:45 am
 Operator : VOA127:JIC
 Sample : 12504484-13d,31h,3.11,5,0.005,,a,30.32,33.93,
 Misc : WG2027528,ICAL21879
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Feb 06 10:13:29 2025
 Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

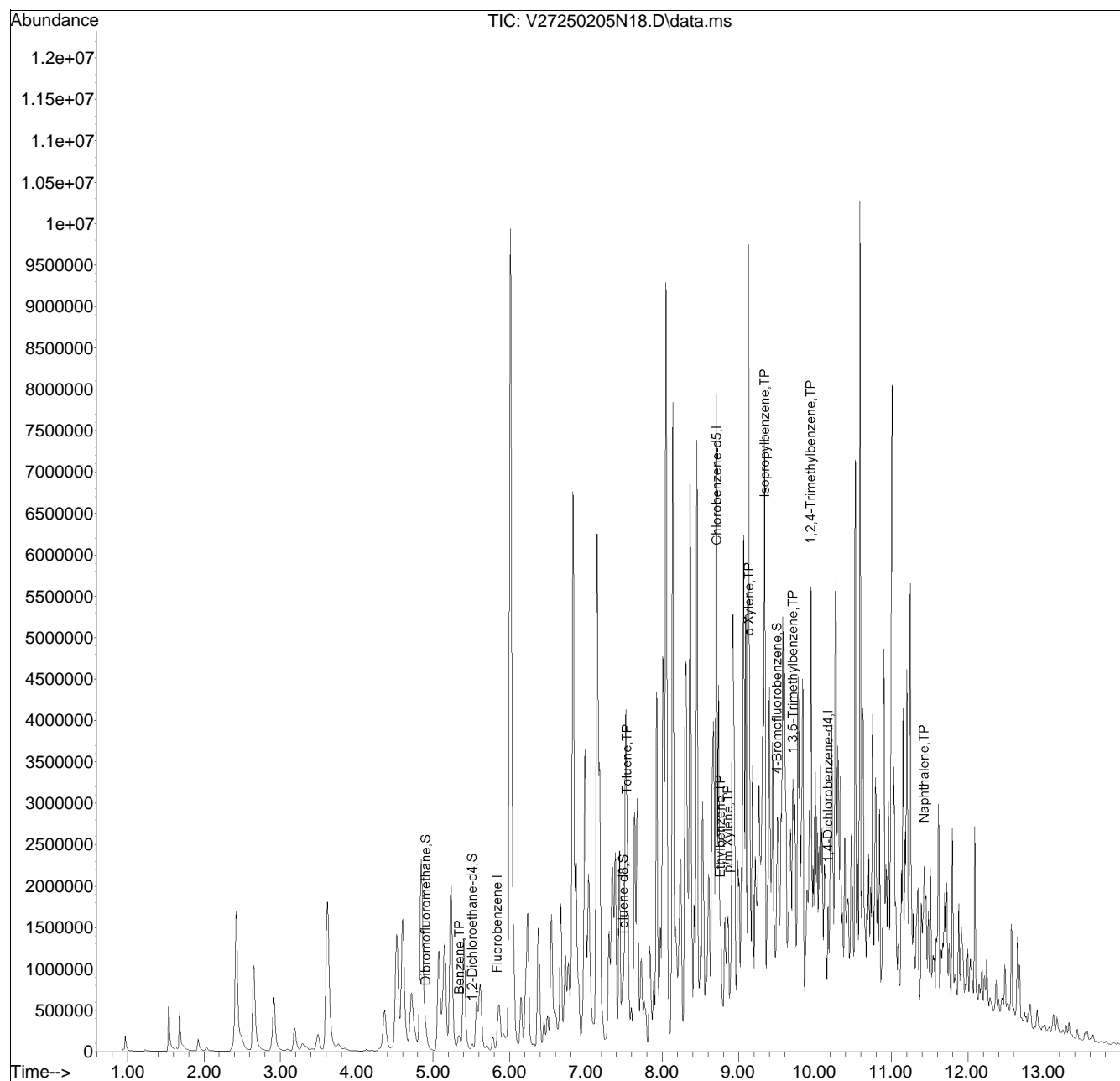


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N18.D
Acq On : 06 Feb 2025 06:19 am
Operator : VOA127:JIC
Sample : 12504484-15,31h,5.60,5,0.100,,a,29.88,35.98,0
Misc : WG2027528,ICAL21879
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Feb 06 08:32:40 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

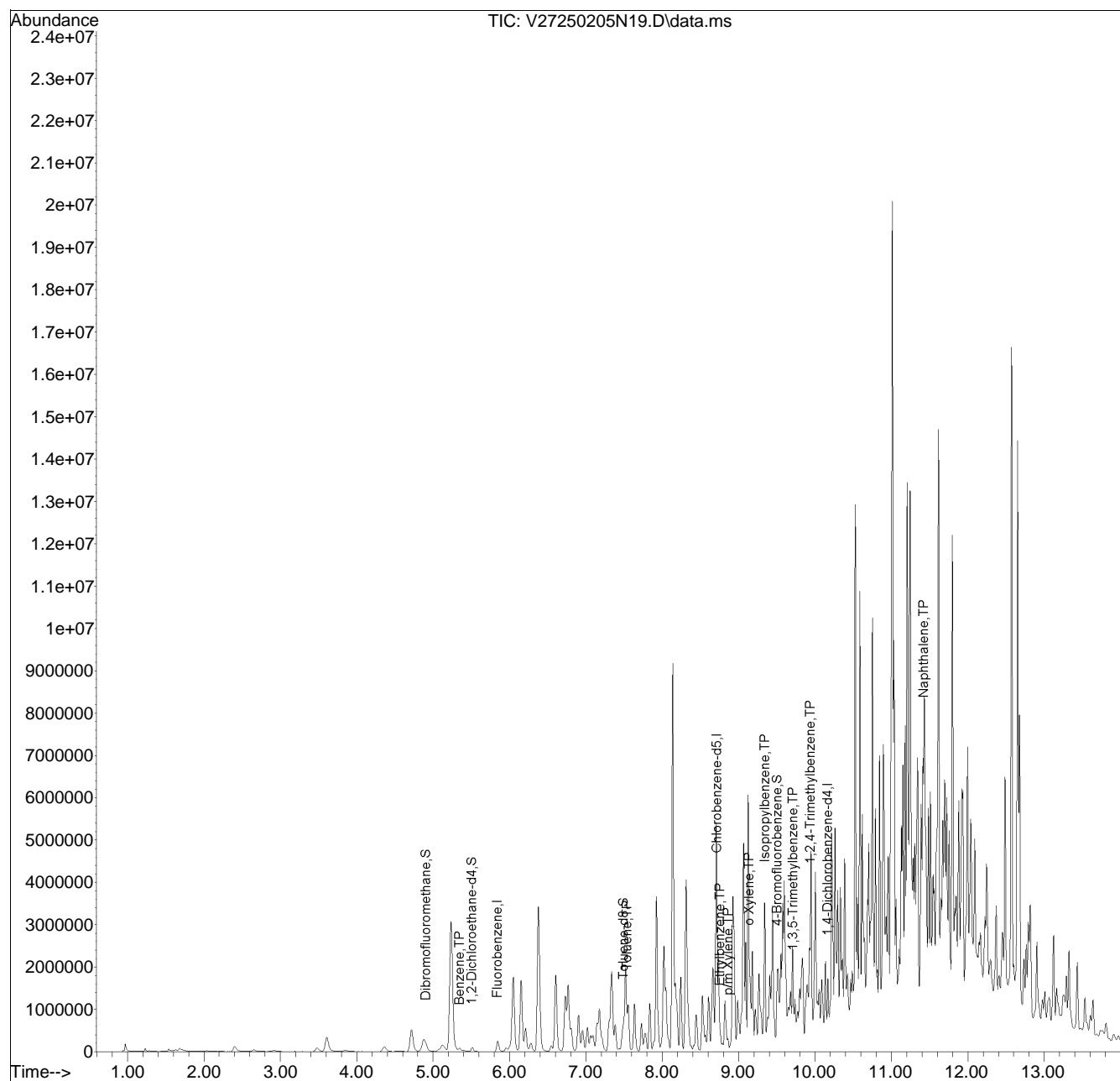


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
 Data File : V27250205N19.D
 Acq On : 06 Feb 2025 06:39 am
 Operator : VOA127:JIC
 Sample : 12504484-19,31h,4.47,5,0.100,,a,30.29,35.26,0
 Misc : WG2027528,ICAL21879
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: Feb 06 08:33:03 2025
 Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

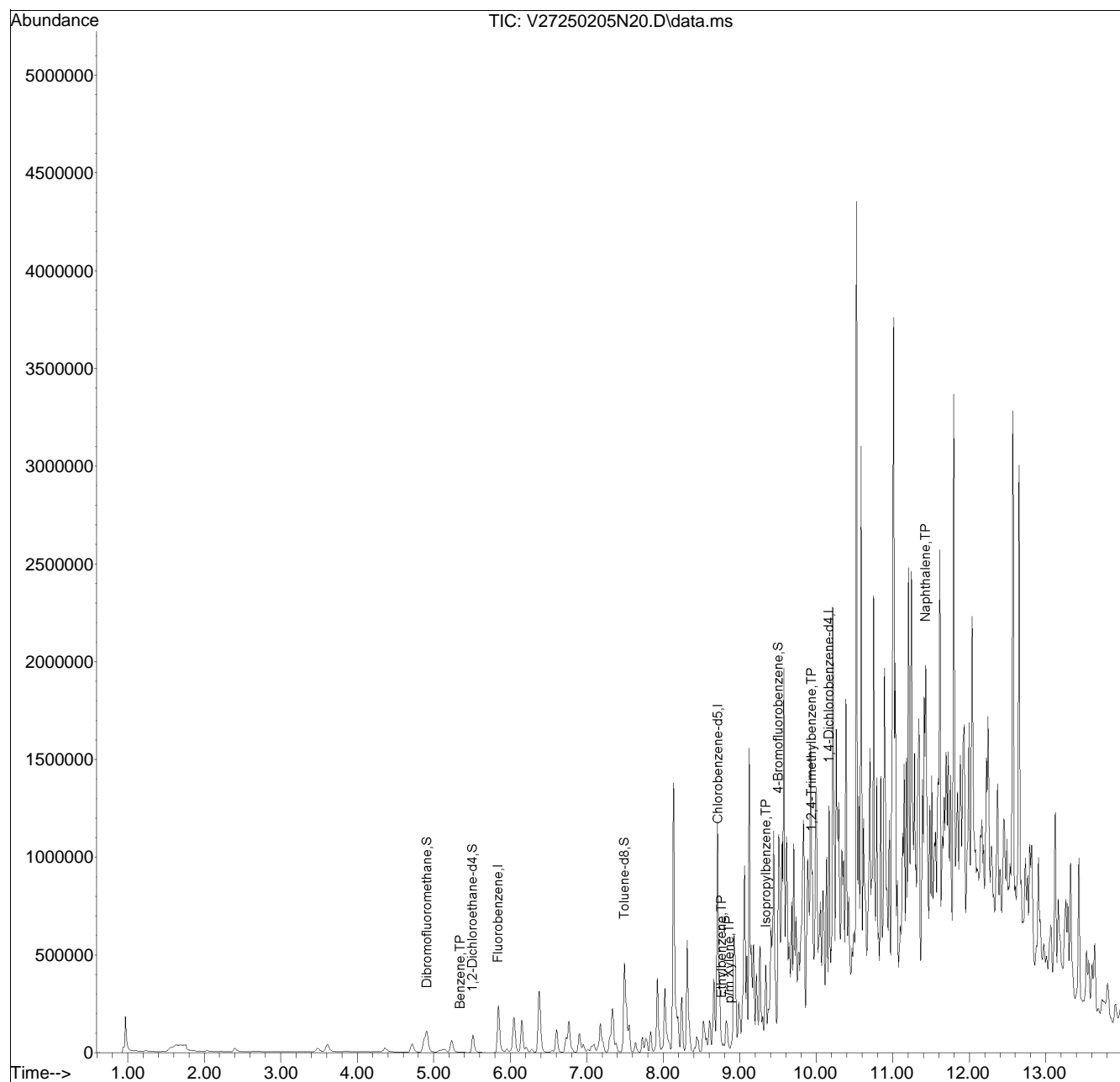


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
 Data File : V27250205N20.D
 Acq On : 06 Feb 2025 07:00 am
 Operator : VOA127:JIC
 Sample : 12504484-21,31h,4.58,5,0.100,,a,30.38,35.46,0
 Misc : WG2027528,ICAL21879
 ALS Vial : 49 Sample Multiplier: 1

Quant Time: Feb 06 08:33:53 2025
 Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

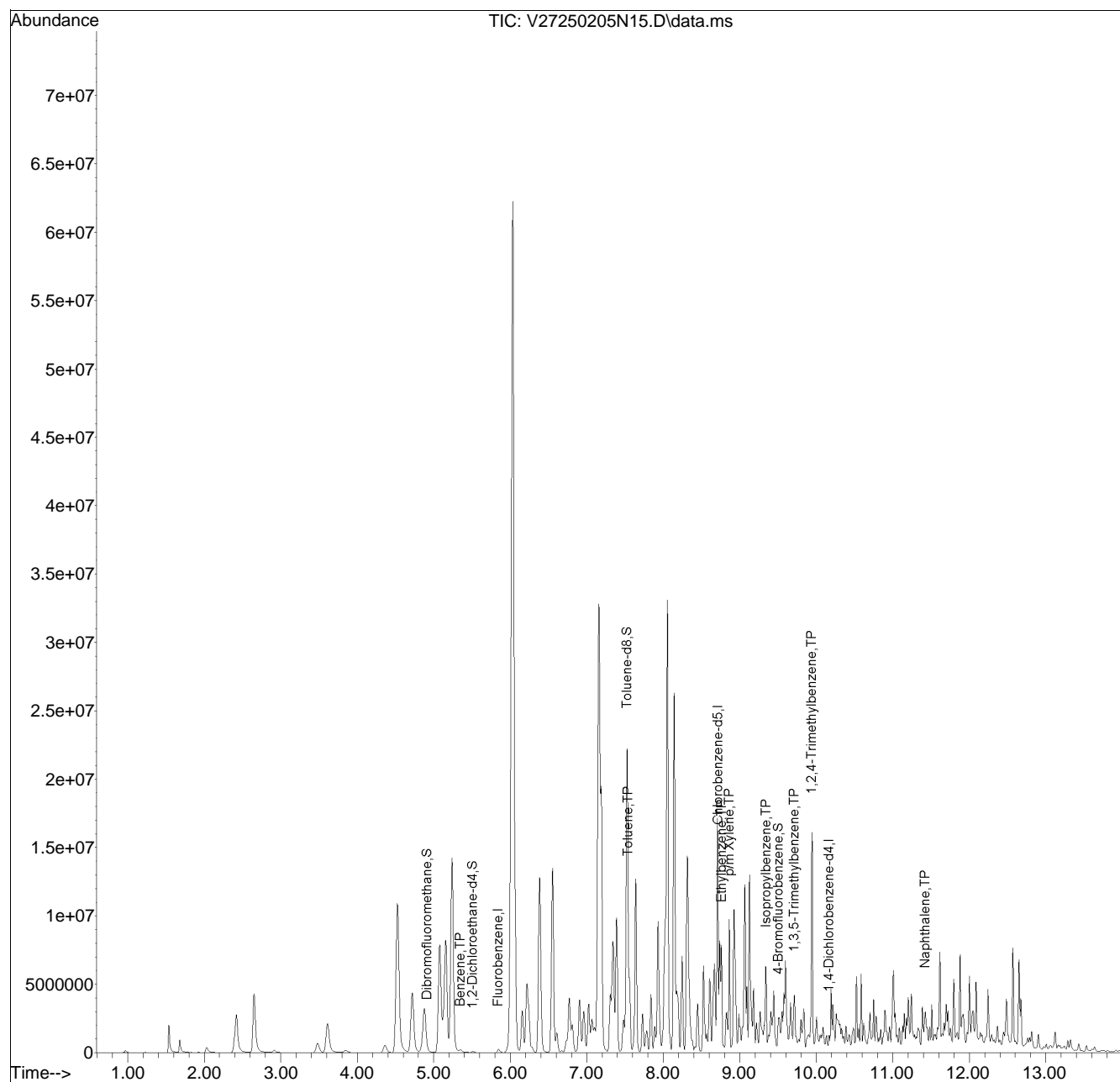


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
 Data File : V27250205N15.D
 Acq On : 06 Feb 2025 05:16 am
 Operator : VOA127:JIC
 Sample : 12504484-23,31h,4.04,5,0.100,,a,30.67,35.21,0
 Misc : WG2027528,ICAL21879
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Feb 06 08:31:18 2025
 Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jan 14 13:47:00 2025
 Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

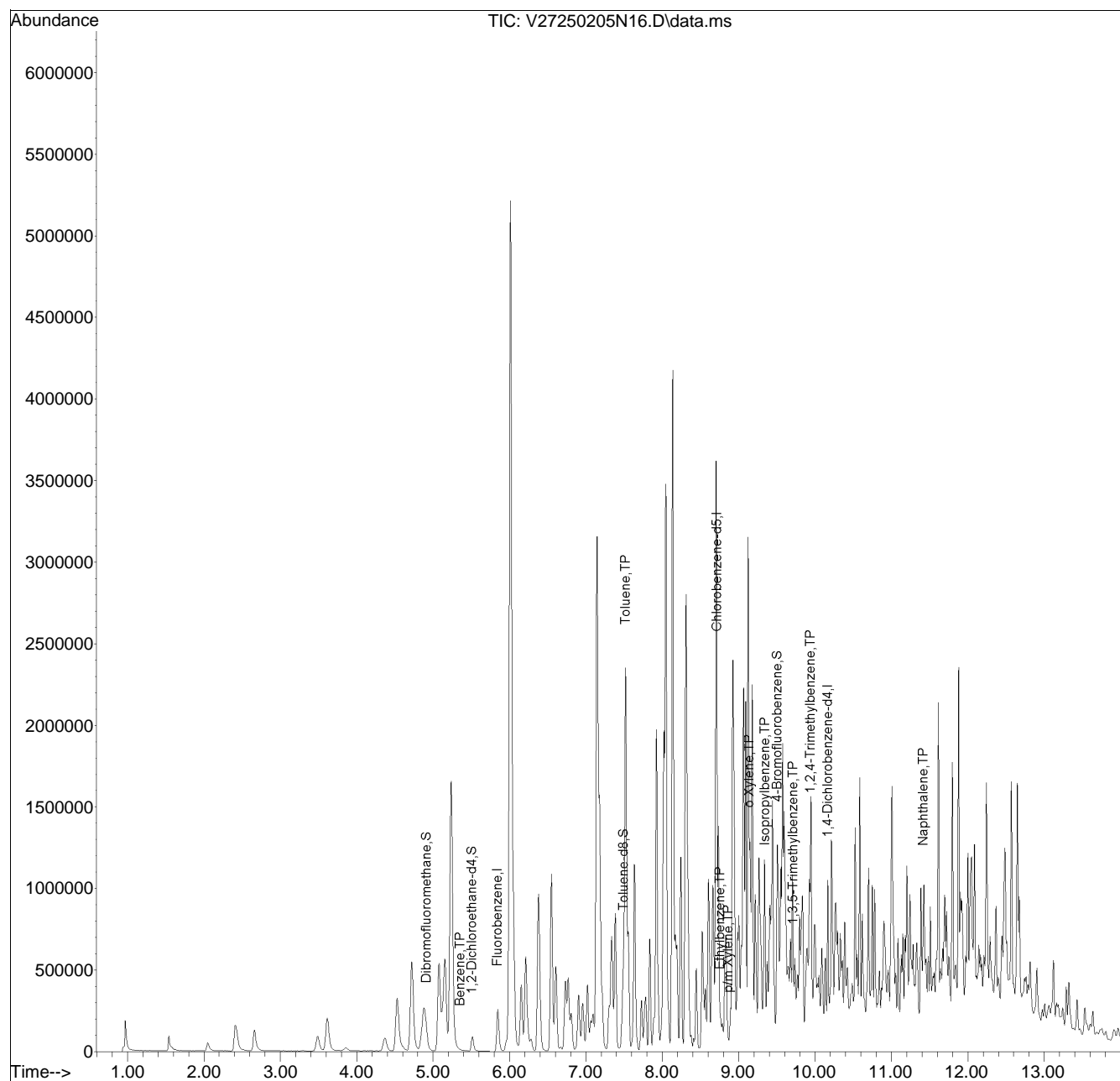


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N16.D
Acq On : 06 Feb 2025 05:37 am
Operator : VOA127:JIC
Sample : 12504484-25d,31h,5.99,5,0.01,,a,30.70,37.19,0
Misc : WG2027528,ICAL21879
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Feb 06 13:13:31 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

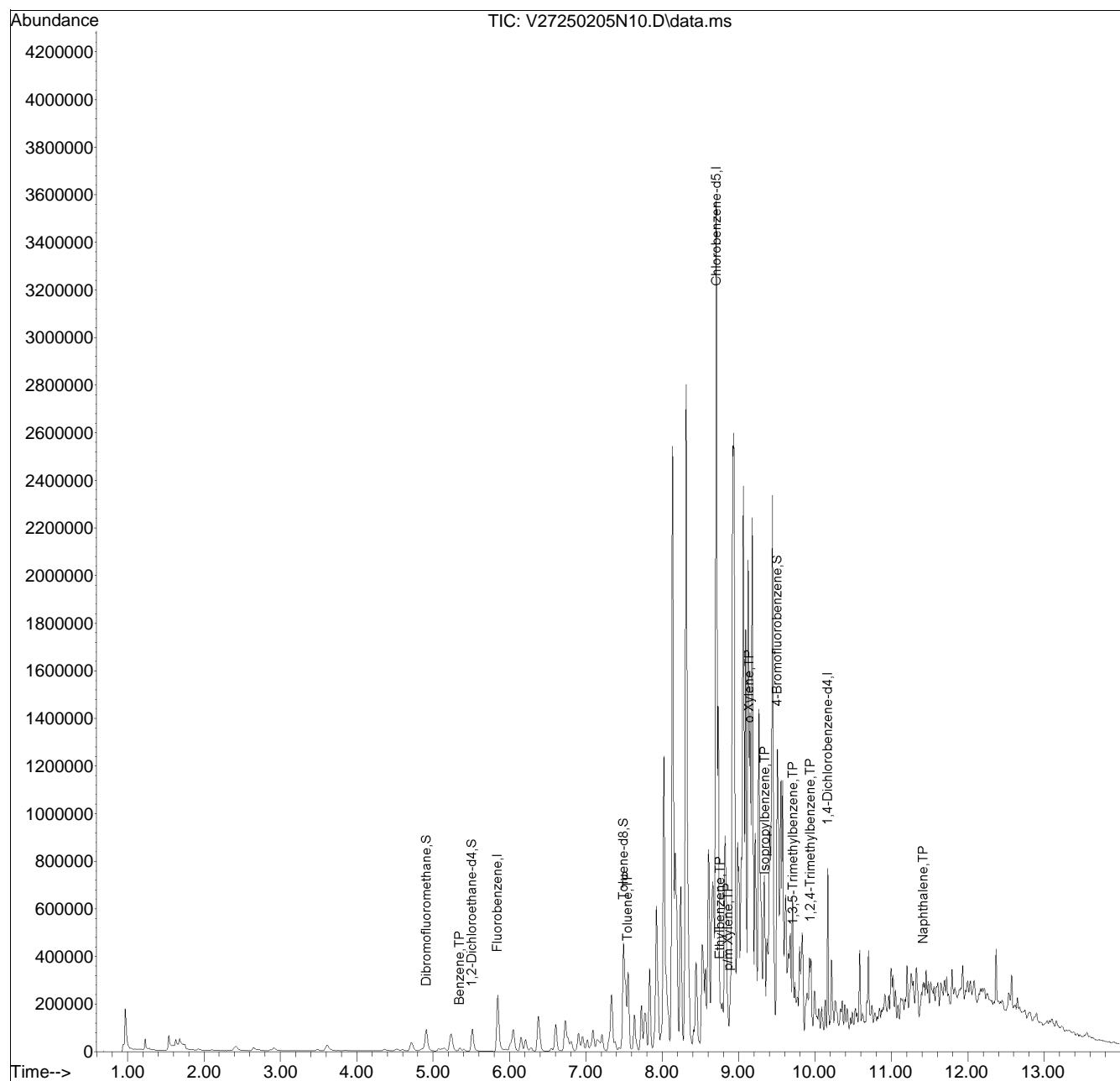


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N10.D
Acq On : 06 Feb 2025 03:32 am
Operator : VOA127:JIC
Sample : 12504484-28,31h,4.16,5,0.100,,a,30.47,35.13,0
Misc : WG2027528,ICAL21879
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 06 08:29:07 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

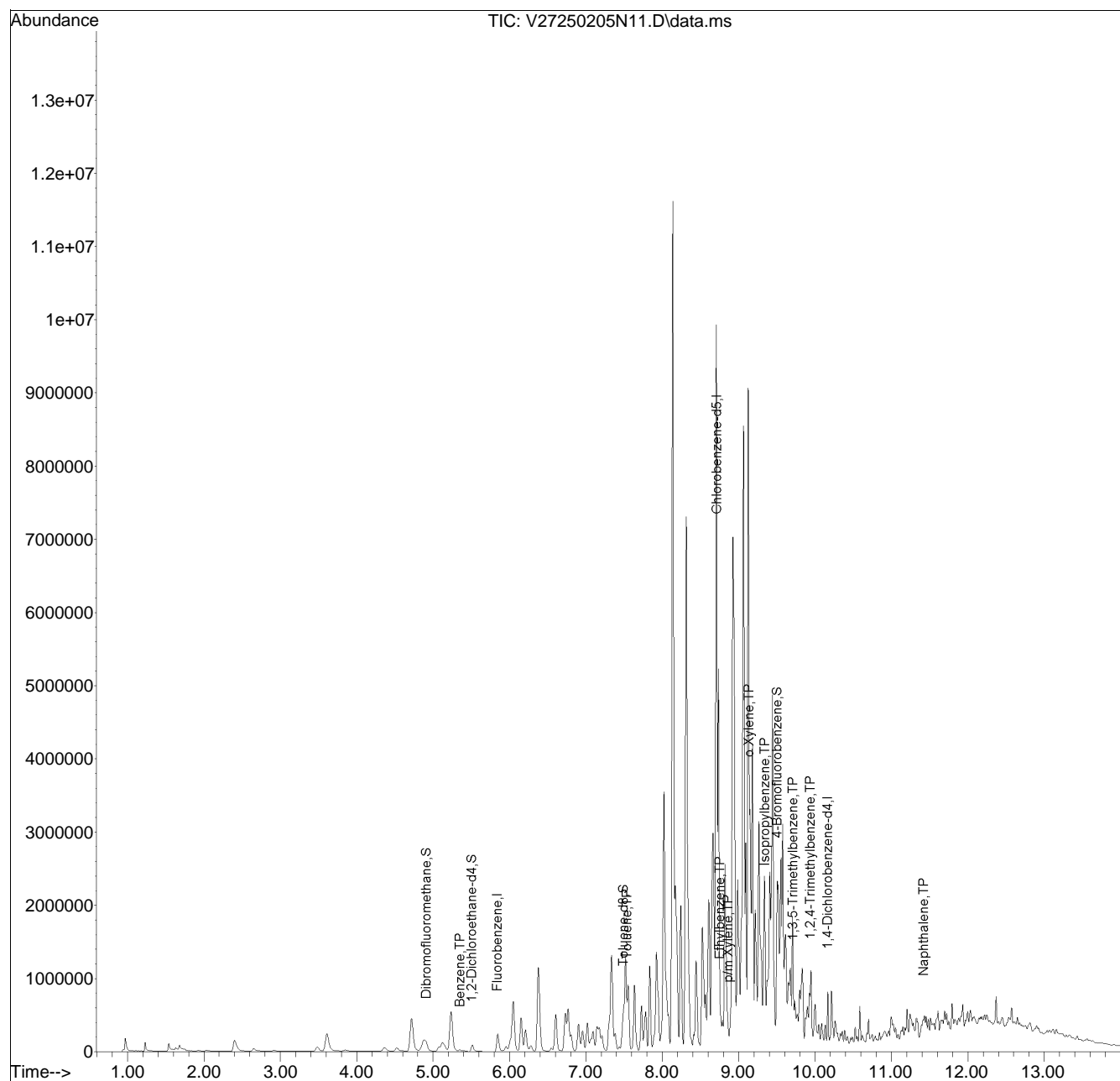


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N11.D
Acq On : 06 Feb 2025 03:52 am
Operator : VOA127:JIC
Sample : 12504484-30,31h,3.83,5,0.100,,a,30.30,34.63,0
Misc : WG2027528,ICAL21879
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 06 08:29:43 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

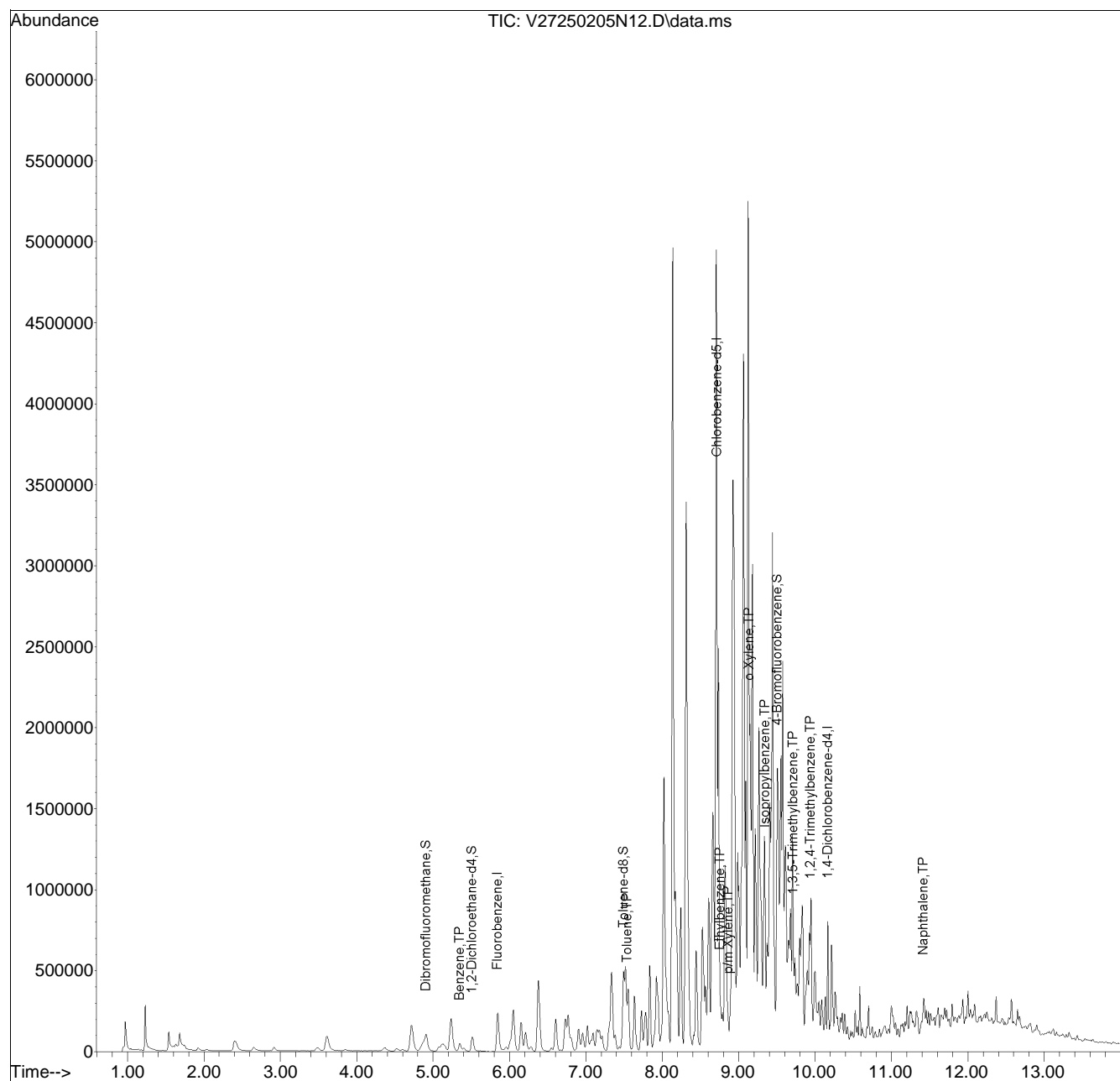


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N12.D
Acq On : 06 Feb 2025 04:13 am
Operator : VOA127:JIC
Sample : 12504484-32,31h,3.39,5,0.100,,a,30.41,34.30,0
Misc : WG2027528,ICAL21879
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 06 08:29:56 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

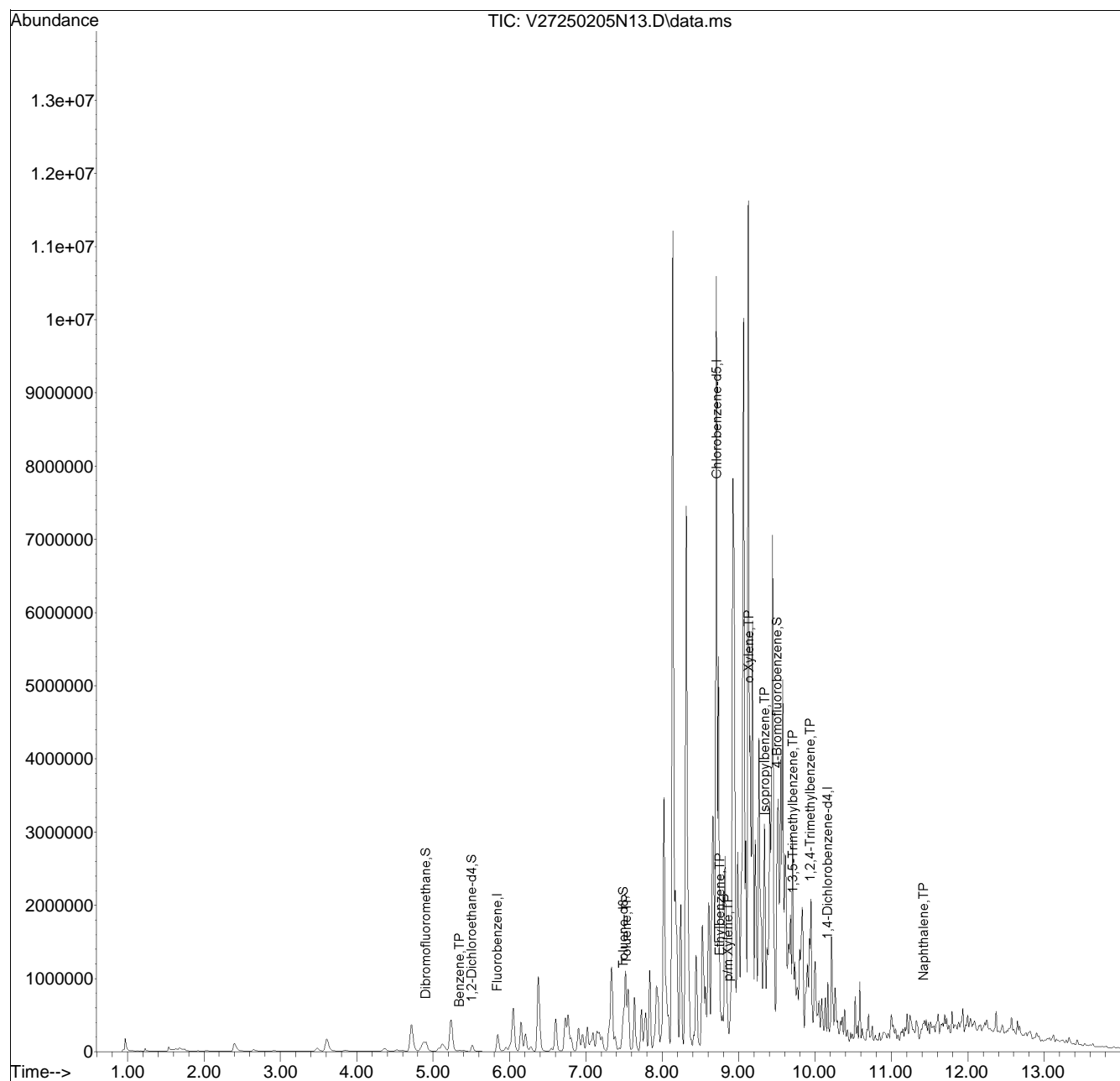


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N13.D
Acq On : 06 Feb 2025 04:34 am
Operator : VOA127:JIC
Sample : 12504484-34,31h,4.88,5,0.100,,a,30.27,35.65,0
Misc : WG2027528,ICAL21879
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Feb 06 08:30:16 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

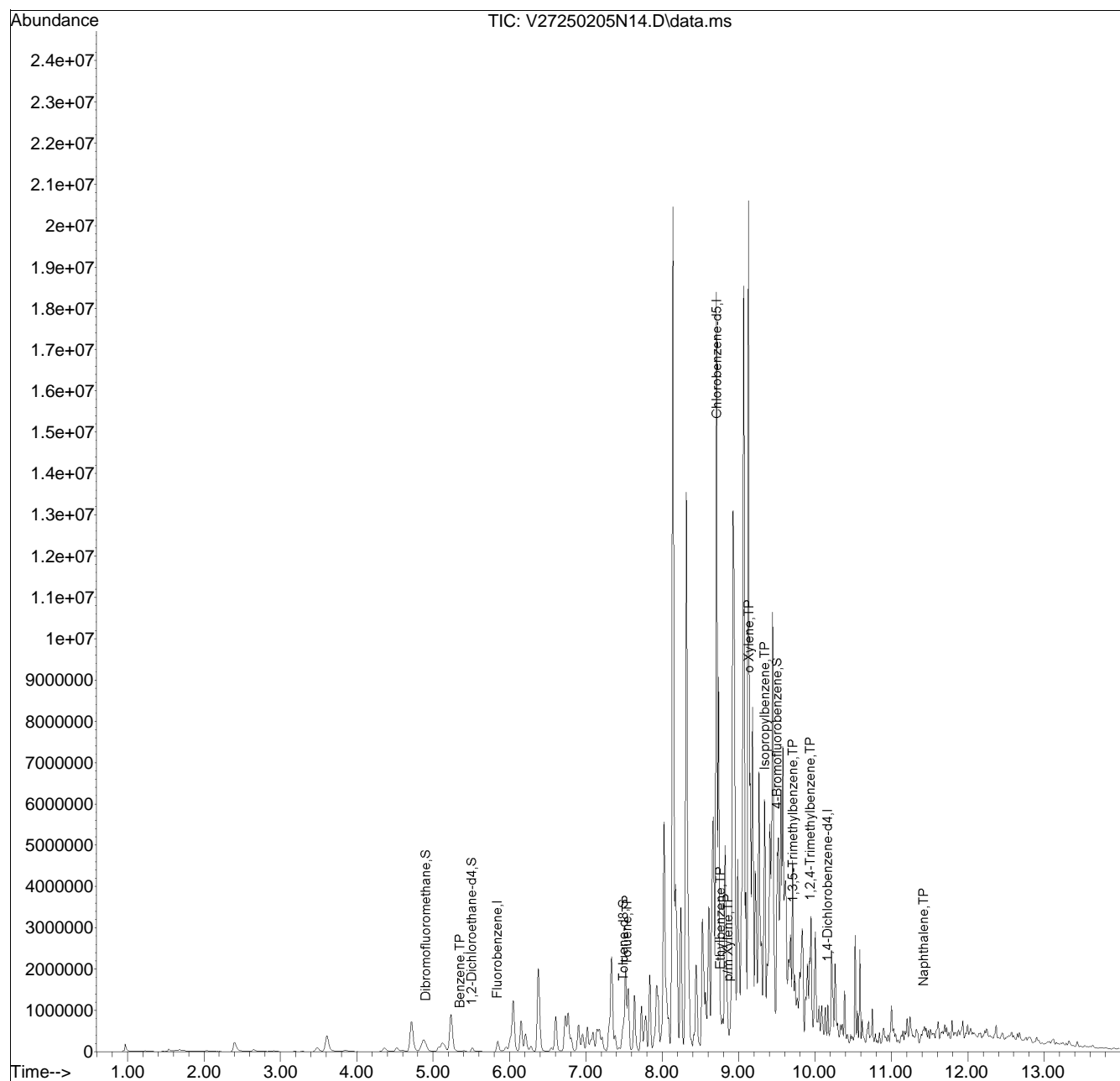


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250205N\
Data File : V27250205N14.D
Acq On : 06 Feb 2025 04:55 am
Operator : VOA127:JIC
Sample : 12504484-36,31h,5.29,5,0.100,,a,30.35,36.14,0
Misc : WG2027528,ICAL21879
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 06 08:31:00 2025
Quant Method : K:\VOA127\2025\250205N\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205N02.D•

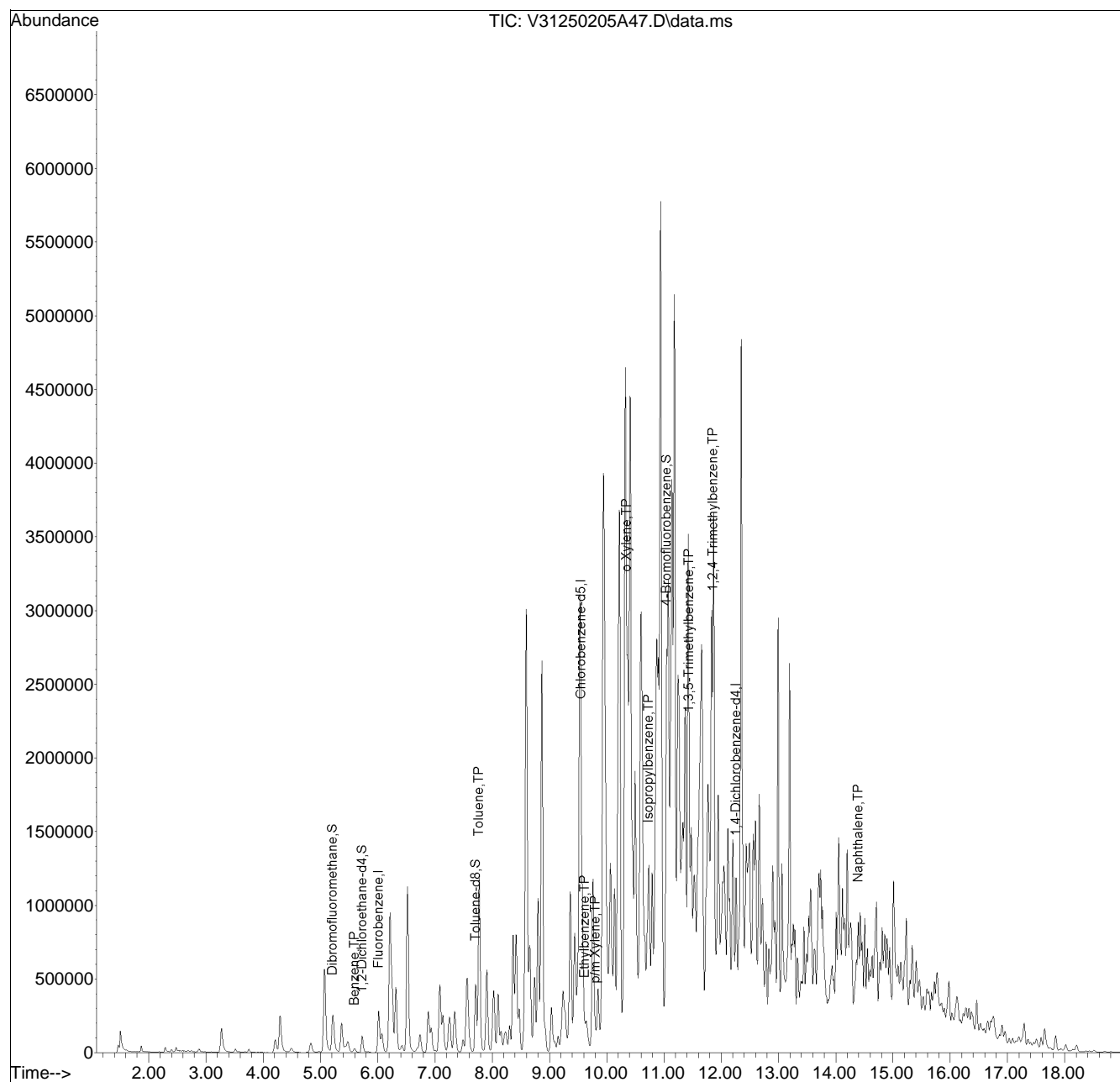


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250205N\
Data File : V31250205A47.D
Acq On : 06 Feb 2025 12:29 am
Operator : VOA131:JIC
Sample : L2504484-46,31H,4.83,5,0.100,,A,30.32,35.65,0
Misc : WG2027532,ICAL21866
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Feb 06 07:54:12 2025
Quant Method : K:\VOA131\2025\250205N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205A33.D•

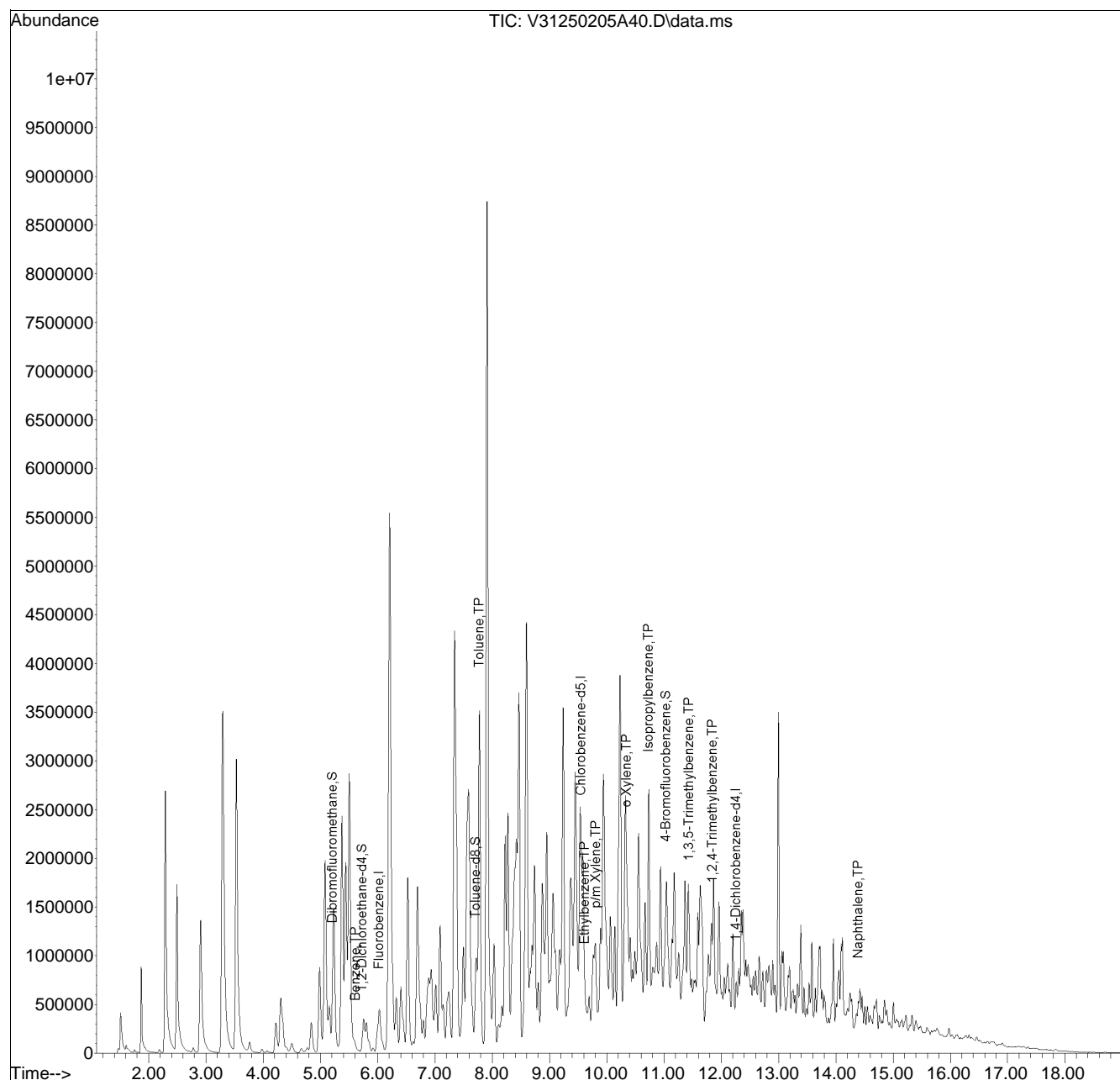


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250205N\
Data File : V31250205A40.D
Acq On : 05 Feb 2025 09:52 pm
Operator : VOA131:JIC
Sample : L2504484-48,31,3.90,5,,B,33.02,37.17,0.25
Misc : WG2027530,ICAL21866
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 06 08:22:38 2025
Quant Method : K:\VOA131\2025\250205N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205A33.D•

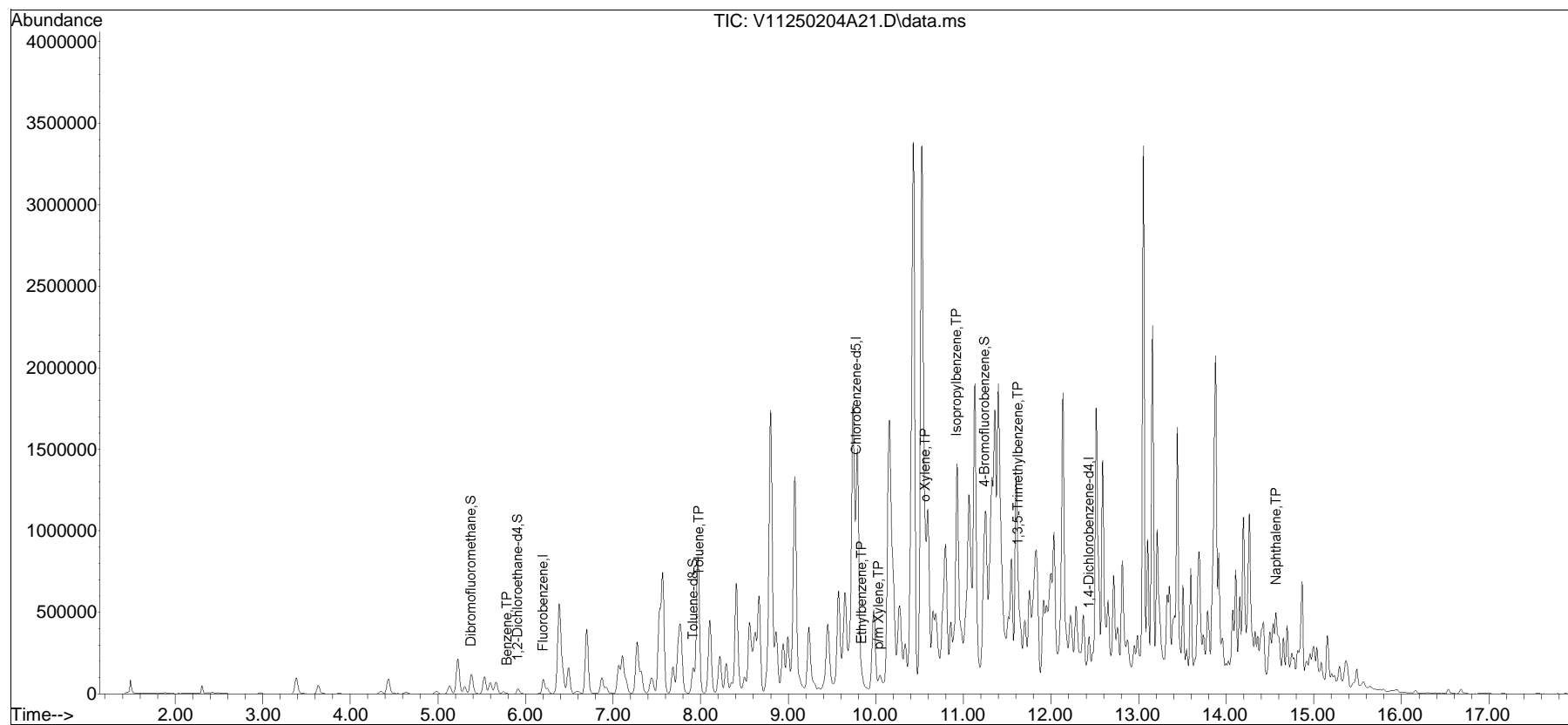


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250204A\
Data File : V11250204A21.D
Acq On : 04 Feb 2025 05:43 pm
Operator : VOA111:JIC
Sample : L2504484-66,31H,5.50,5,0.100,,A,30.70,36.70,0
Misc : WG2026977,ICAL21910
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 05 07:00:25 2025
Quant Method : K:\VOA111\2025\250204A\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list204A01.D•

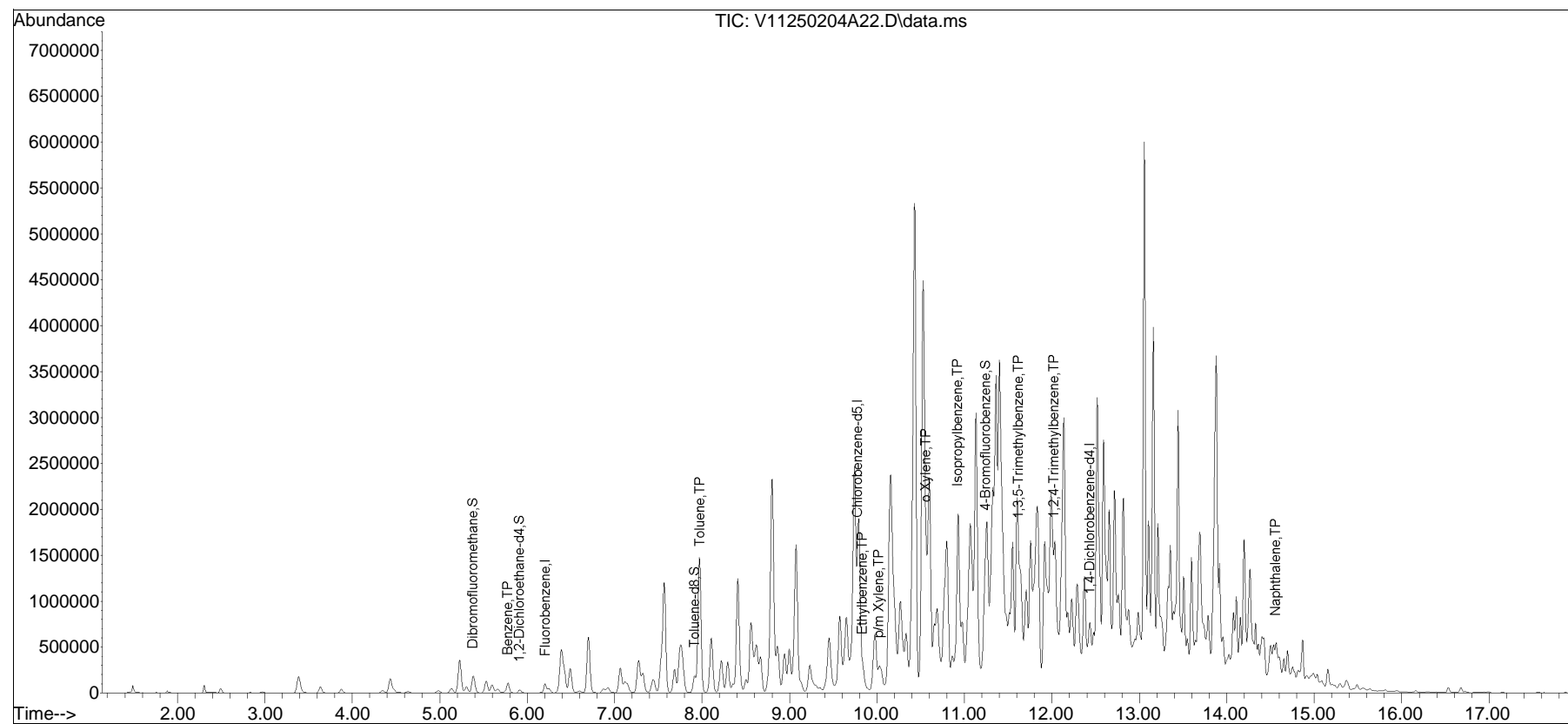


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250204\
Data File : V11250204A22.D
Acq On : 04 Feb 2025 06:08 pm
Operator : VOA111:JIC
Sample : L2504484-68,31H,3.31,5,0.100,,A,30.67,34.48,0
Misc : WG2026977,ICAL21910
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 05 06:23:54 2025
Quant Method : K:\VOA111\2025\250204A\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list204A01.D•

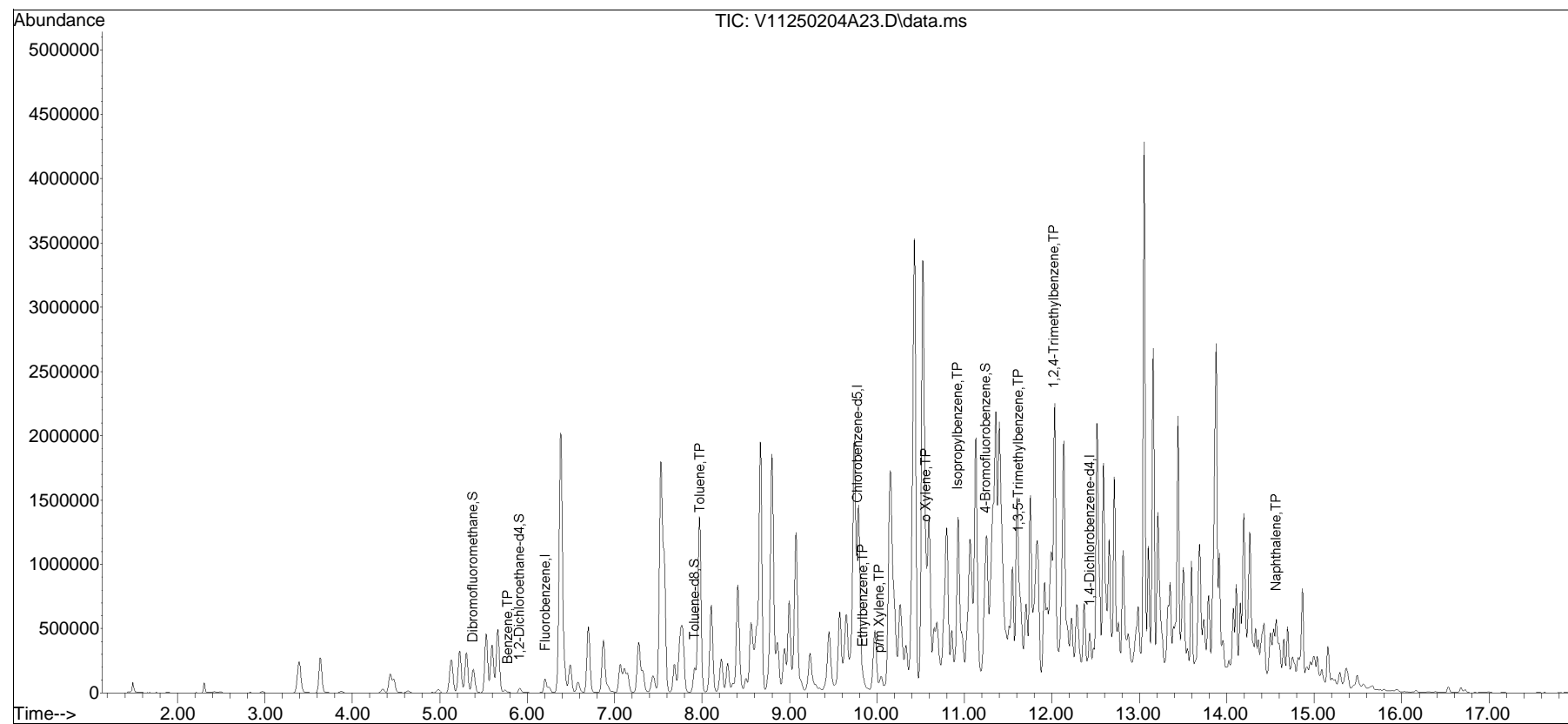


Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2025\250204\
Data File : V11250204A23.D
Acq On : 04 Feb 2025 06:34 pm
Operator : VOA111:JIC
Sample : L2504484-70,31H,5.83,5,0.100,,A,30.56,36.89,0
Misc : WG2026977,ICAL21910
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 05 06:23:58 2025
Quant Method : K:\VOA111\2025\250204A\V111_250121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 07:38:45 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list204A01.D•

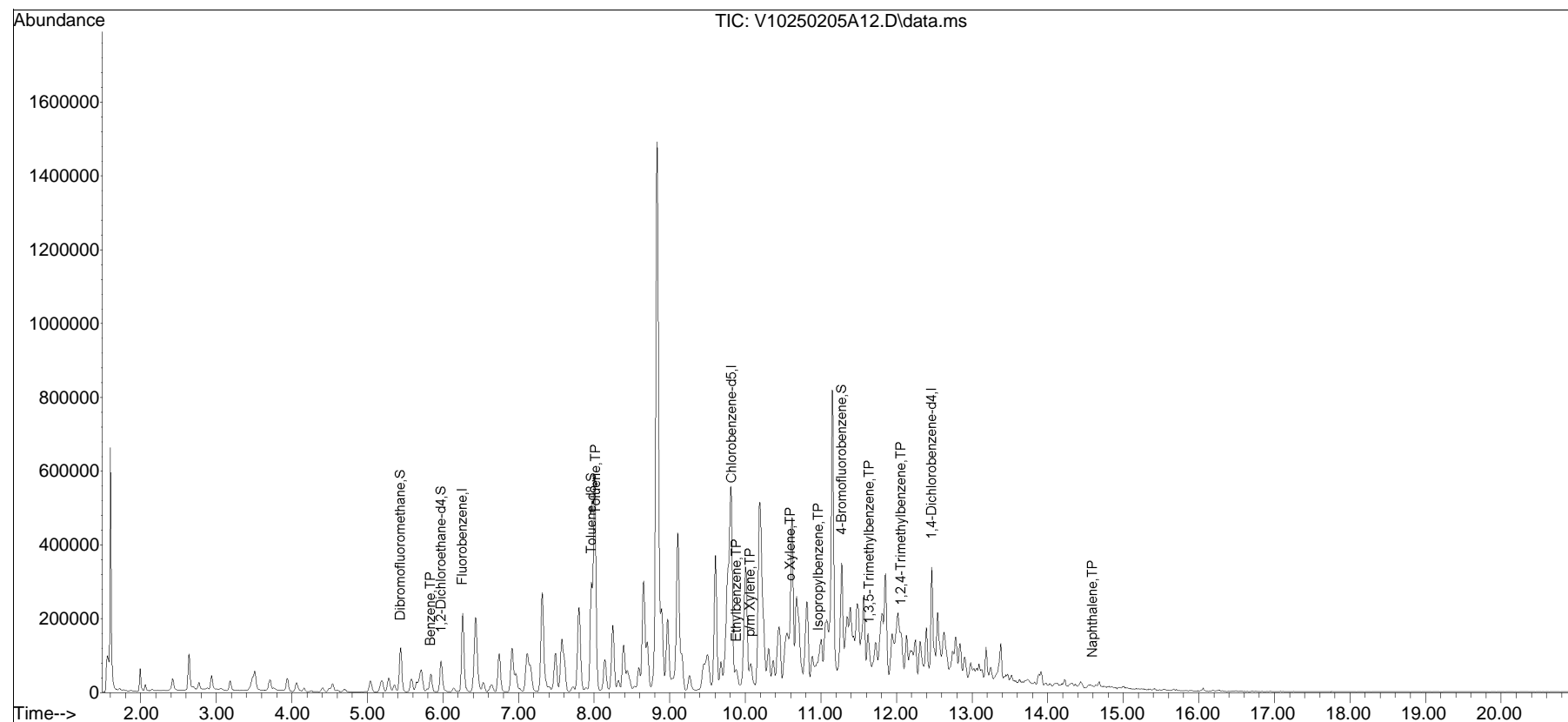


Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250205A\
Data File : V10250205A12.D
Acq On : 5 Feb 2025 1:19 pm
Operator : VOA110:MKS
Sample : L2504484-72,31,3.36,5,,B,33.08,36.69,0.25
Misc : WG2027373,ICAL21911
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 06 08:25:26 2025
Quant Method : K:\VOA110\2025\250205A\V110_250122A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 09:36:02 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205A01.D•

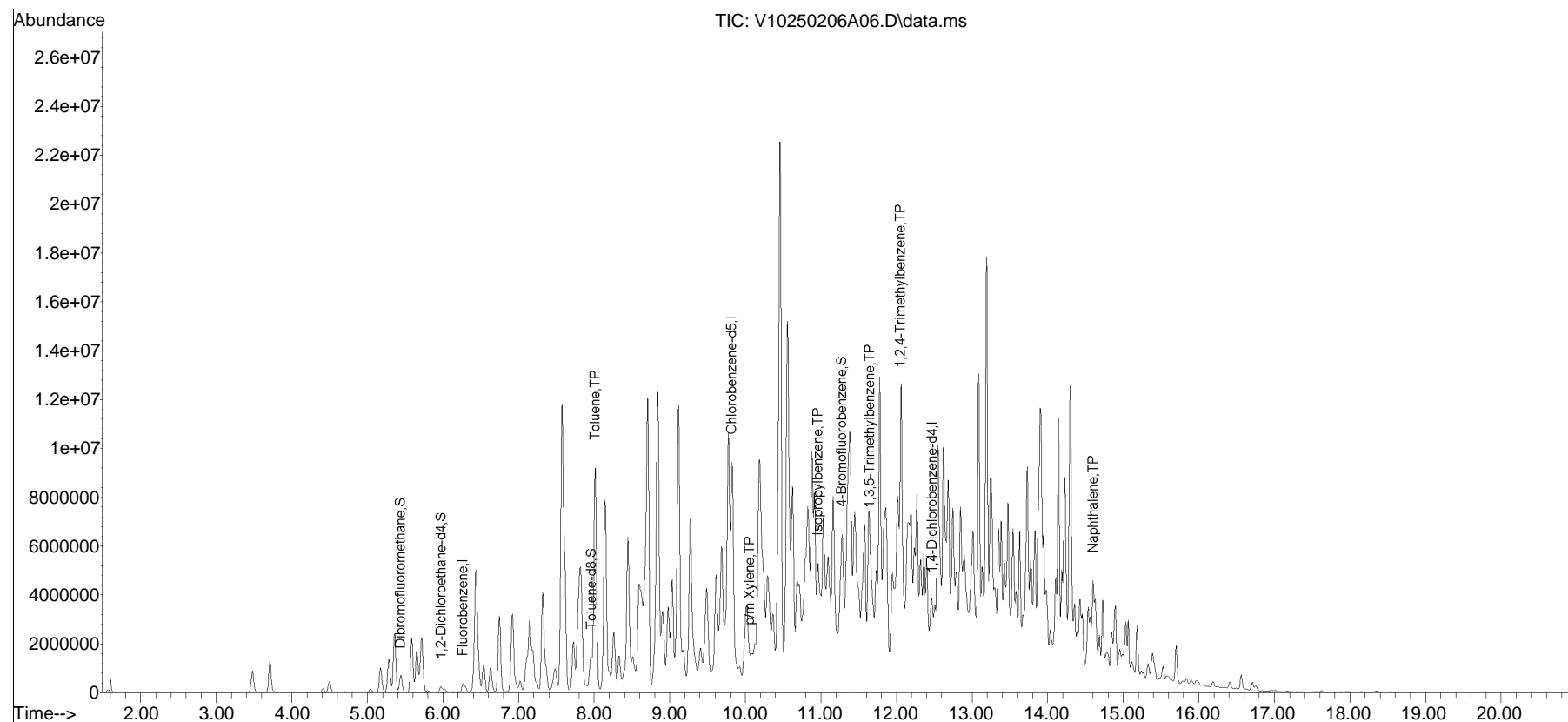


Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250206A\
Data File : V10250206A06.D
Acq On : 6 Feb 2025 10:41 am
Operator : VOA110:AJK
Sample : L2504484-74,31,6.21,5,,B,33.18,39.64,0.25
Misc : WG2027580,ICAL21911
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 06 15:13:39 2025
Quant Method : K:\VOA110\2025\250206A\V110_250122A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 22 09:36:02 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list206A01.D•

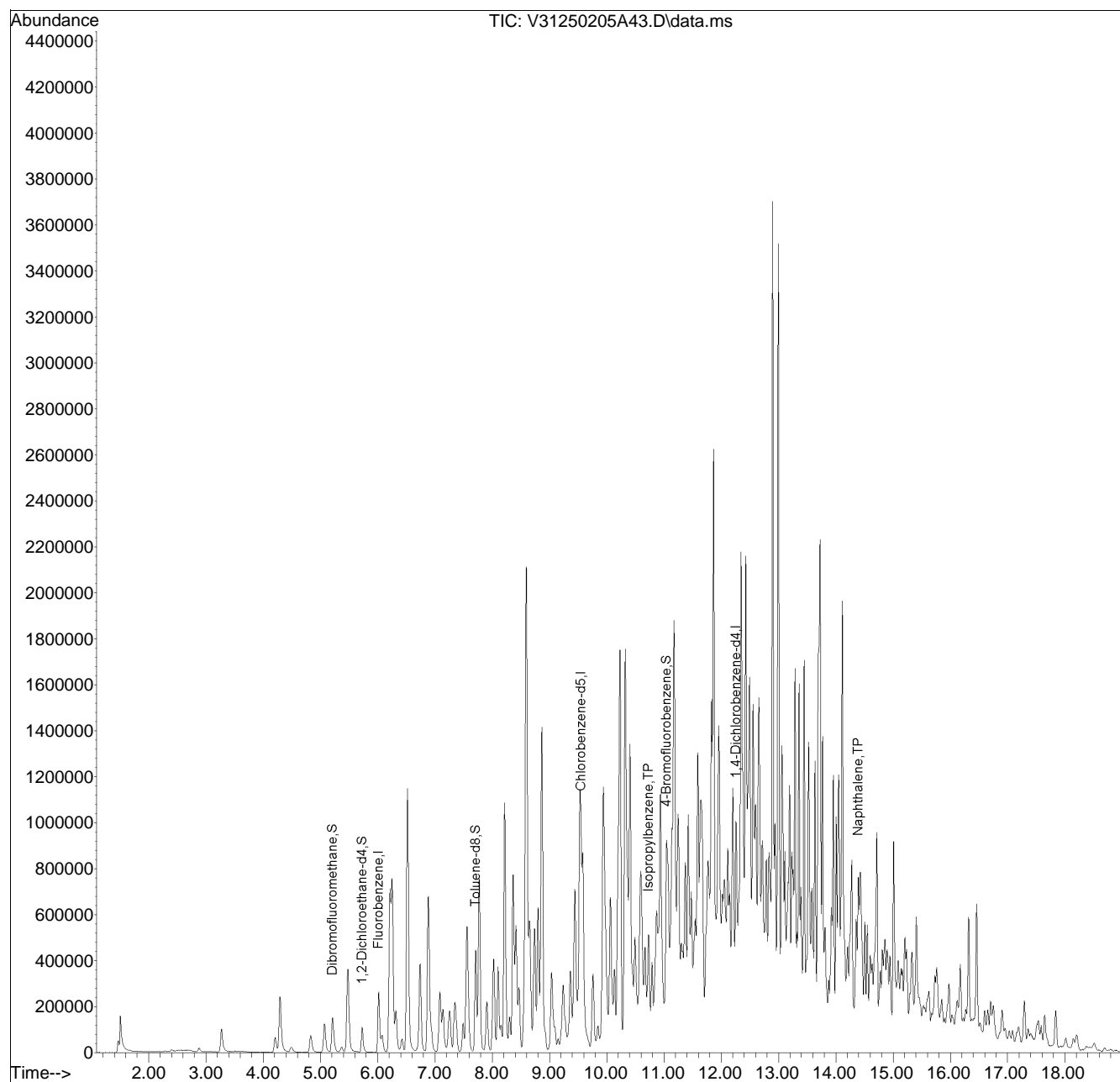


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250205N\
Data File : V31250205A43.D
Acq On : 05 Feb 2025 11:00 pm
Operator : VOA131:JIC
Sample : L2504484-76,31H,6.01,5,0.100,,A,30.59,37.10,0
Misc : WG2027532,ICAL21866
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 06 08:23:45 2025
Quant Method : K:\VOA131\2025\250205N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205A33.D•

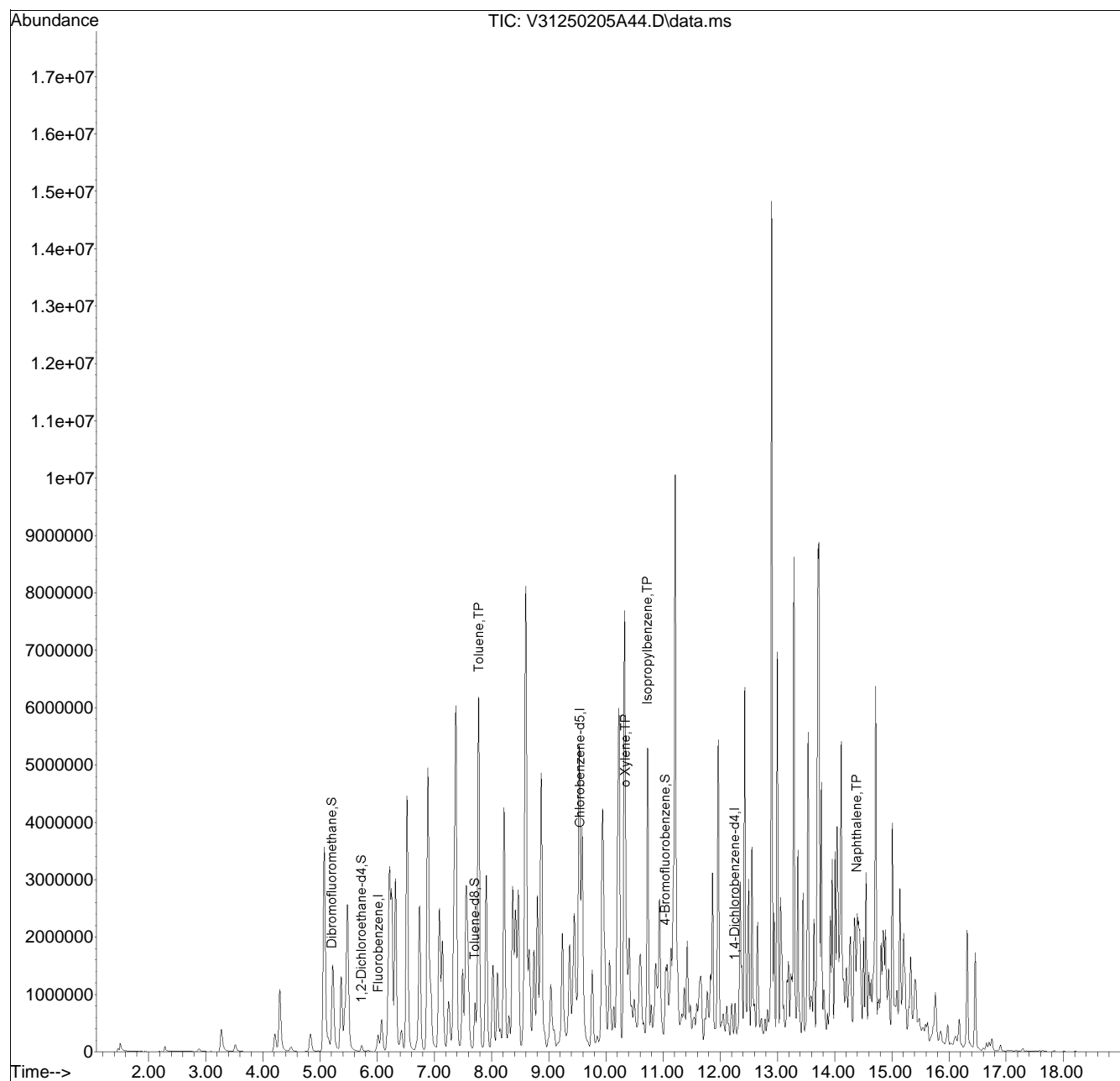


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250205N\
Data File : V31250205A44.D
Acq On : 05 Feb 2025 11:22 pm
Operator : VOA131:JIC
Sample : L2504484-78,31H,6.07,5,0.100,,A,30.63,37.20,0
Misc : WG2027532,ICAL21866
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Feb 06 08:25:00 2025
Quant Method : K:\VOA131\2025\250205N\V131_250109N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 10 13:04:38 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list205A33.D•

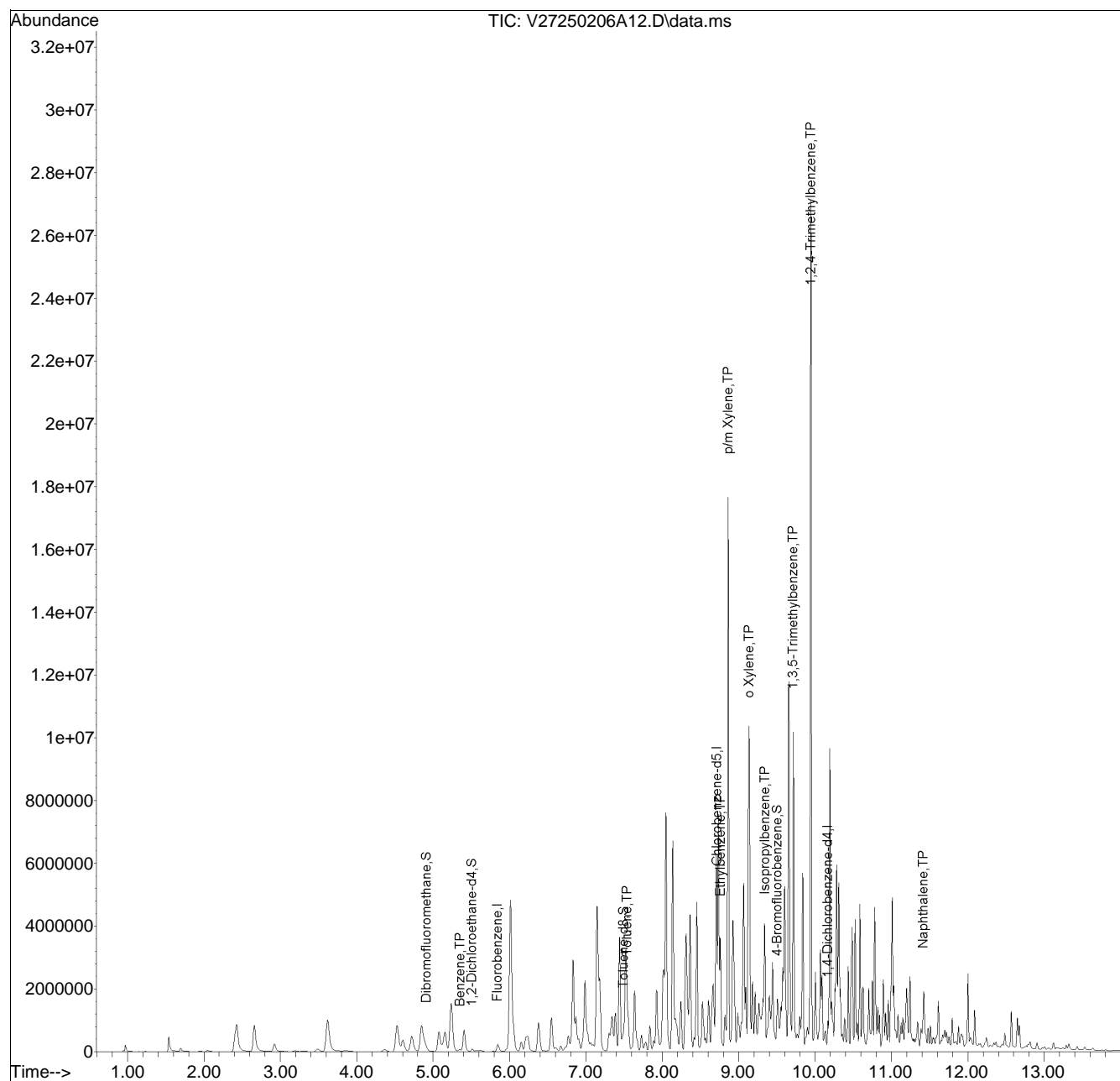


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2025\250206A\
Data File : V27250206A12.D
Acq On : 06 Feb 2025 02:41 pm
Operator : VOA127:AJK
Sample : 12504484-80d2,31h,5.70,5,0.02,,a,30.90,37.10,
Misc : WG2027879,ICAL21879
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 06 16:30:24 2025
Quant Method : K:\VOA127\2025\250206A\V127_250113A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 14 13:47:00 2025
Response via : Initial Calibration

Sub List : 8260-PA_ShortList - PA Short list206A01.D•

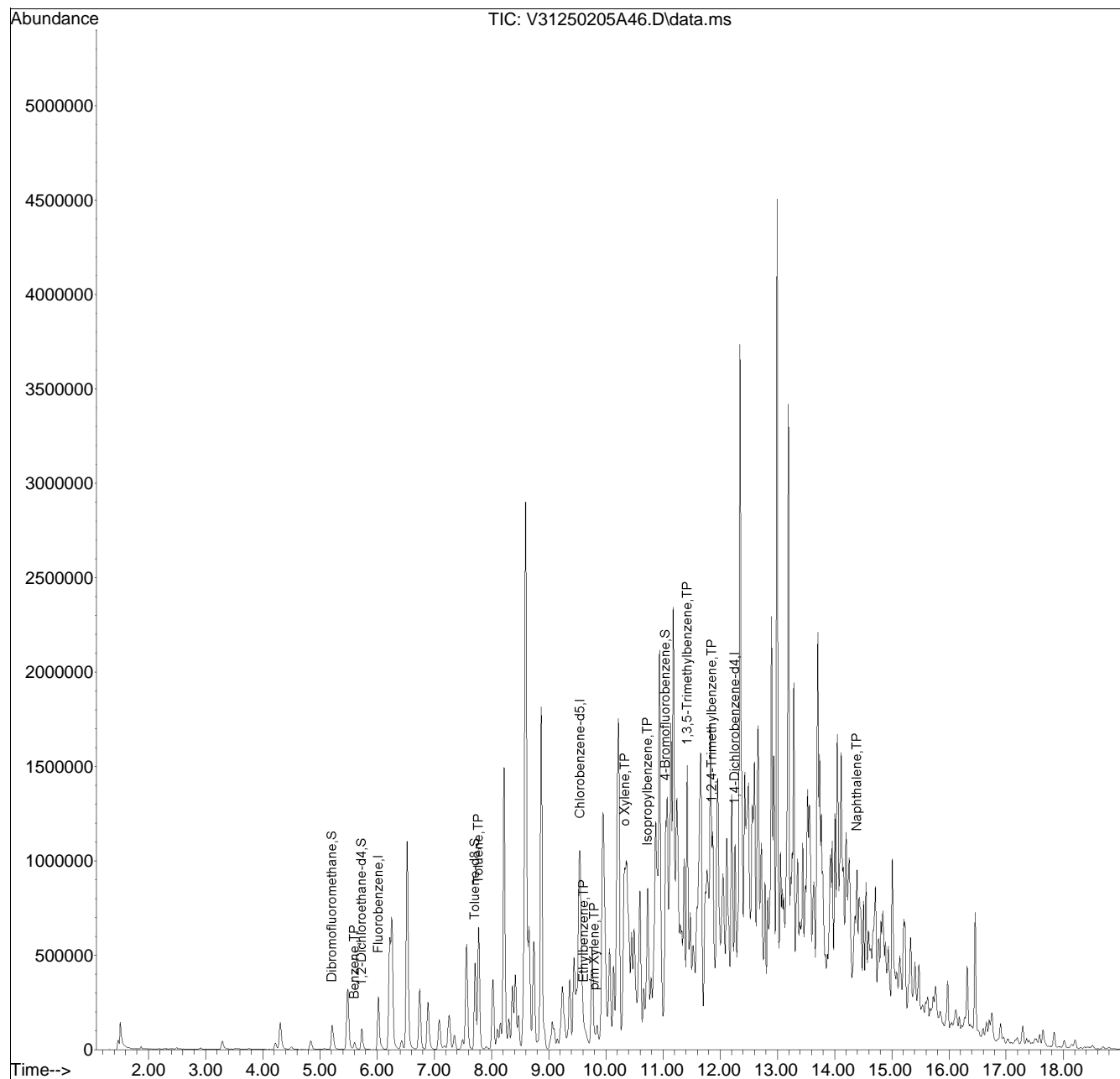


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2025\250205N\
 Data File : V31250205A46.D
 Acq On : 06 Feb 2025 12:07 am
 Operator : VOA131:JIC
 Sample : L2504484-82D,31H,3.61,5,0.01,,A,30.64,34.75,0
 Misc : WG2027532,ICAL21866
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Feb 06 08:25:32 2025
 Quant Method : K:\VOA131\2025\250205N\V131_250109N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jan 10 13:04:38 2025
 Response via : Initial Calibration

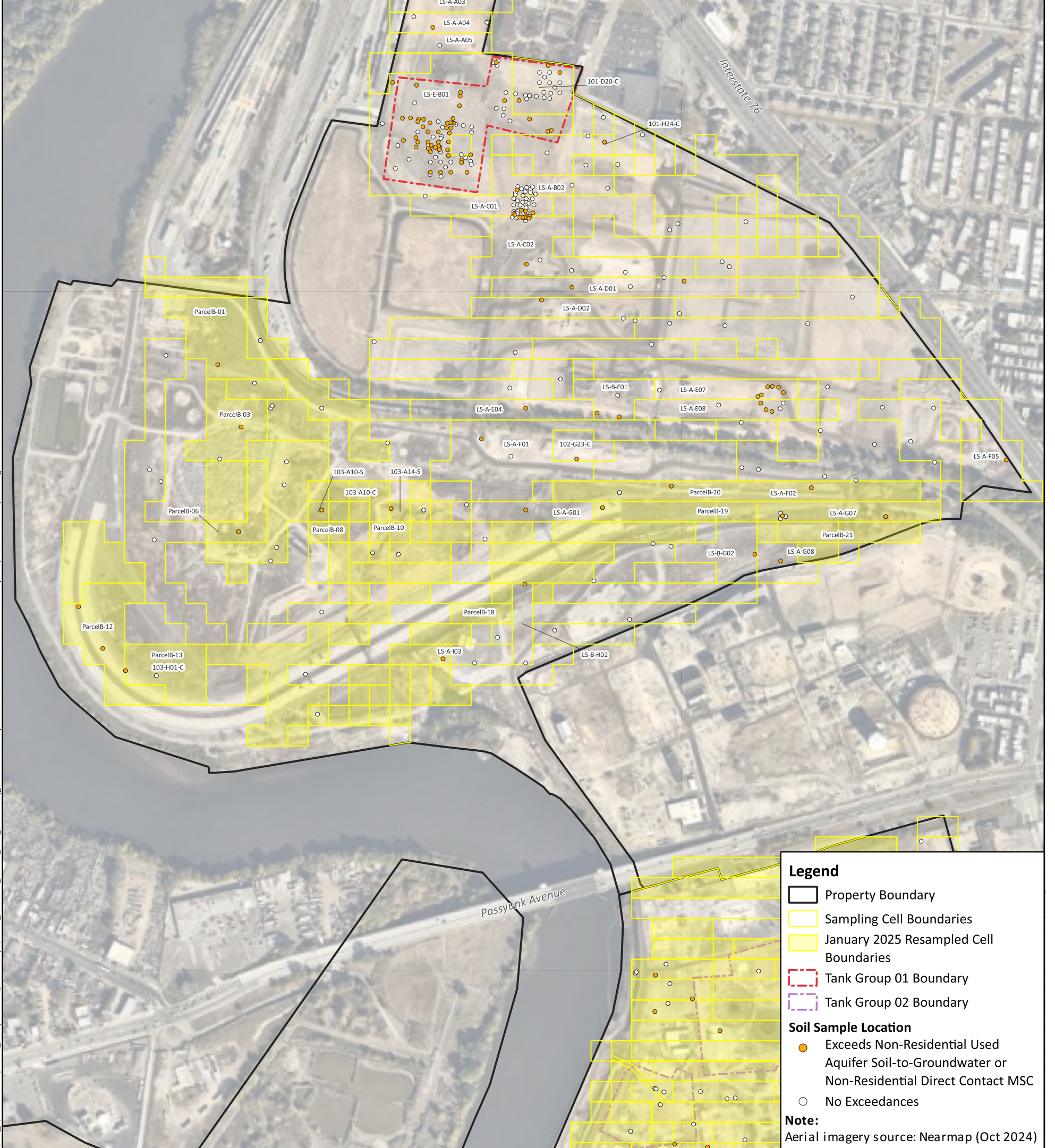
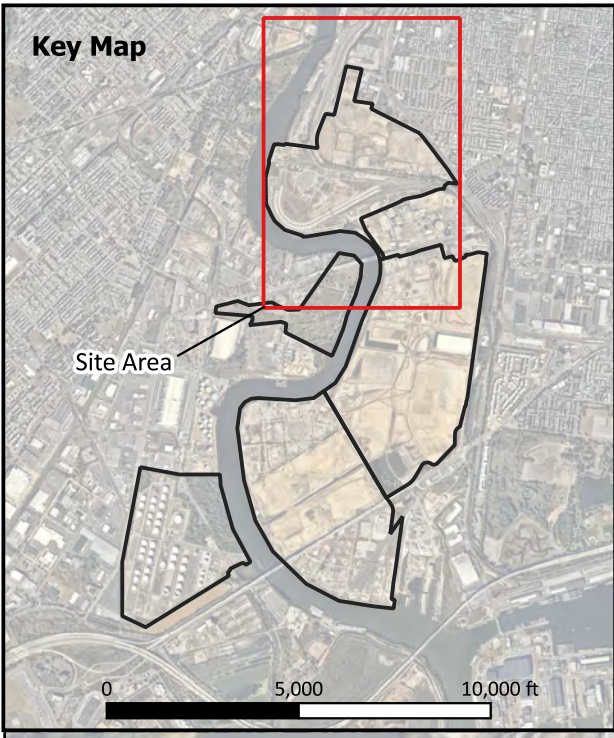
Sub List : 8260-PA_ShortList - PA Short list205A33.D•



Appendix B

Other Program's Soil Analytical Results





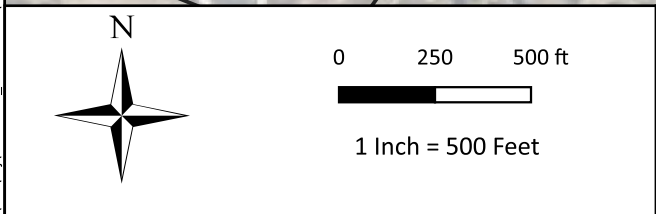
Legend

- Property Boundary
- Sampling Cell Boundaries
- January 2025 Resampled Cell Boundaries
- Tank Group 01 Boundary
- Tank Group 02 Boundary

Soil Sample Location

- Exceeds Non-Residential Used Aquifer Soil-to-Groundwater or Non-Residential Direct Contact MSC
- No Exceedances

Note:
Aerial imagery source: Nearmap (Oct 2024)



SAFETY FIRST

terraphase
engineering

CLIENT: Bellwether District Holdings, LLC

PROJECT: Soil Management Plan Addendum No. 8

PROJECT NUMBER: P044.001.001

Aboveground Storage Tank, Evergreen, and RCRA Locations with Exceedances (Innovation Campus)

Figure 1

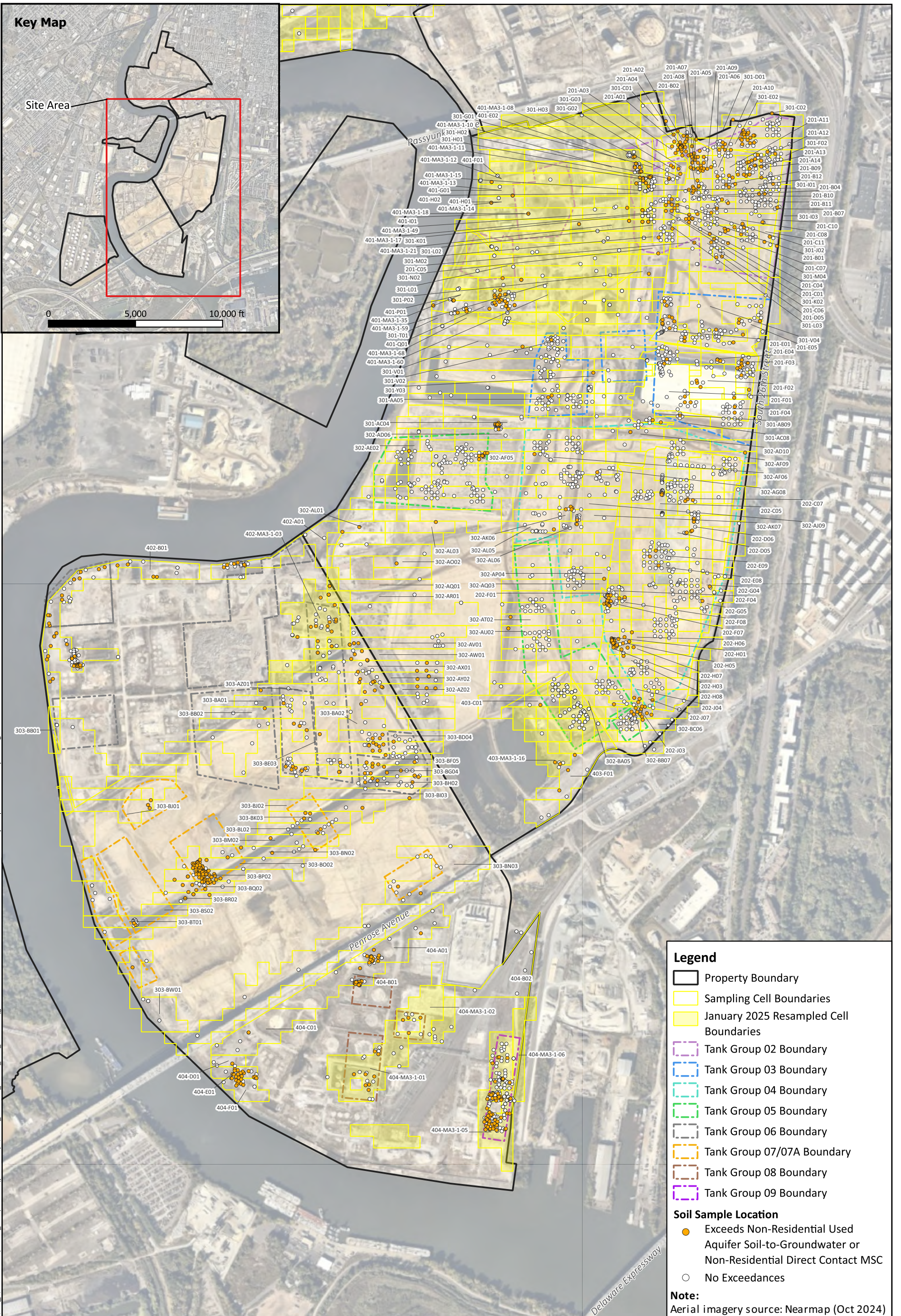
N:\GIS\p044.001_PESRM-PES\GIS\OGZ and GPKG\Branch_SMP\Addenda\20250218\OGZ340_P044.001_PESRM_SMP_Addenda.ogr_SMP - InCampus 2025-02-10T09:25:48.000 Created by: A. Spiers Checked by: K. Long

Key Map

Site Area

0 5,000 10,000 ft

N:\GIS\p044.001_PESRM-PES\CGIS\CGZ and GPKG\Branch_SMP\Addenda\2025-02-10T09:25:48.000_Created by A. Spiers_Checked by K. Long



Legend

- Property Boundary
- Sampling Cell Boundaries
- January 2025 Resampled Cell Boundaries
- Tank Group 02 Boundary
- Tank Group 03 Boundary
- Tank Group 04 Boundary
- Tank Group 05 Boundary
- Tank Group 06 Boundary
- Tank Group 07/07A Boundary
- Tank Group 08 Boundary
- Tank Group 09 Boundary

Soil Sample Location

- Exceeds Non-Residential Used Aquifer Soil-to-Groundwater or Non-Residential Direct Contact MSC
- No Exceedances

Note:
Aerial imagery source: Nearmap (Oct 2024)

N

0 375 750 ft

1 Inch = 750 Feet

SAFETY FIRST

terraphase engineering

CLIENT: Bellwether District Holdings, LLC

PROJECT: Soil Management Plan Addendum No. 8

PROJECT NUMBER: P044.001.001

Aboveground Storage Tank, Act 2 Evergreen, and RCRA Locations with Exceedances (Industrial Development Area)

Figure 2

Appendix C

Data Usability Summary



Table 1
Quality Control Checklist
 Bellwether District Holdings, LLC

SDG	Date Loaded	Keyfile-Related			EDD-Related											Check for Concerning Qualifiers	Comments
		Check Lab Login	Check Keyfile	Check COC/Field Notes Uploaded	Sample IDs and Prepping Sample	Check Analyte List Reported	Review EDD for Issues	Dates, Matrix and Sample	Multiple Results								
									Reported	Surrogate Recovery	Data Qualifiers	Reasonable Limits	Other	Resolved			
L2500151	1/13/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L2500151-11 (PARCEL-06-C2-VOC): VOCs reported for two runs. The IS response for 1,4-dichlorobenzene-d4 (46%) and the surrogate recoveries for toluene-d8 (143%) and 4-bromofluorobenzene (641%) were outside the acceptance criteria due to obvious interferences. The run with more surrogates recoveries outside acceptance criteria is not reported and the run with fewer surrogate recoveries outside of acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable.
L2500767	1/21/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No							Yes	
L2501137	1/22/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L2501137-03 (403-MA3-1-01-C1-VOC): VOCs reported for two runs. The IS response(s) for fluorobenzene (33%), chlorobenzene-d5 (33%), and 1,4-dichlorobenzene-d4 (35%), and the surrogate recovery for 1,2-dichloroethane-d4 (138%) were outside the acceptance criteria; however, re-analysis results could not be reported. With the client's authorization, a sample aliquot was taken from an unpreserved container (inappropriate plastic) and preserved appropriately. The criteria were achieved upon analysis of the aliquot. The results of both analyses are reported; however, since the IS response was below method criteria (but not <20% of applicable calibration standard area counts), all associated compounds are considered to have a potentially high bias. The run with surrogate recoveries within acceptance criteria is selected as reportable. Both runs are reported as low.
L2501908	1/27/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L2501908-19 (401-MA3-1-40-C2-VOC): VOCs reported for two runs. The IS response for 1,4-dichlorobenzene-d4 (38%) and the surrogate recoveries for toluene-d8 (1100%), 4-bromofluorobenzene (2440%), and dibromofluoromethane (59%) were outside the acceptance criteria due to obvious interferences. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The run with more surrogates recoveries outside acceptance criteria is not reported and the run with fewer surrogate recoveries outside of acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2501908-49 (401-MA3-1-41-C2-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable.
L2503263	2/3/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L2503263-11 (401-MA3-1-23-C3-VOC): VOCs reported for two runs. The IS responses for chlorobenzene-d5 (30%) and 1,4-dichlorobenzene-d4 (47%) and the surrogate recoveries for 4-bromofluorobenzene (319%) and dibromofluoromethane (42%) were outside the acceptance criteria in the Low Level analysis due to obvious interferences. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-13 (401-MA3-1-23-C4-VOC): VOCs reported for two runs. The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (314%) in the Low Level analysis due to obvious interferences. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-25 (401-MA3-1-27-C1-VOC): VOCs reported for two runs. The surrogate recoveries were outside the acceptance criteria for toluene-d8 (850%) and 4-bromofluorobenzene (215%) in the Low Level analysis due to obvious interferences. The results of both analyses are reported. If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable. L2503263-29 (401-MA3-1-25-C1-VOC): VOCs reported for two runs. The IS responses for fluorobenzene (32%), chlorobenzene-d5 (35%), and 1,4-dichlorobenzene-d4 (37%) and the surrogate recovery for 4-bromofluorobenzene (166%) were outside the acceptance criteria; however, re-analysis achieved the following results: 1,4-dichlorobenzene-d4 (42%) and 4-bromofluorobenzene (720%). The results of both analyses are reported. If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable. L2503263-31 (401-MA3-1-25-C2-VOC): VOCs reported for two runs. The IS response for 1,4-dichlorobenzene-d4 (13%) and the surrogate recoveries for toluene-d8 (142%) and 4-bromofluorobenzene (6050%) were outside the acceptance criteria in the Low Level analysis due to obvious interferences. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-39 (401-MA3-1-17-C1-VOC): VOCs reported for two runs. The IS response for fluorobenzene (300%) and the surrogate recoveries for 1,2-dichloroethane-d4 (138%), toluene-d8 (134%), 4-bromofluorobenzene (303%), and dibromofluoromethane (25%) were outside the acceptance criteria due to obvious interferences. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-59 (401-MA3-1-09-C1-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable. L2503263-83 (401-MA3-1-44-C2-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-87 (401-MA3-1-44-C4-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The run with surrogate recoveries within acceptance criteria is selected as reportable. The low run is reported and the high run is not reportable. L2503263-89 (401-MA3-1-44-C5-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable. L2503263-91 (401-MA3-1-18-C1-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable. L2503263-95 (401-MA3-1-18-C3-VOC): VOCs reported for two runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable.
L2504484	2/7/2025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L2504484-72 (401-MA3-1-68-C1-VOC): VOCs reported for multiple runs. The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The run with surrogate recoveries within acceptance criteria is selected as reportable. The high run is reported and the low run is not reportable.

Table 2

Quality Control Methodology

Bellwether District Holdings, LLC

Multiple VOC Runs Data Quality	Solution
If the surrogate recoveries for one run are within acceptance criteria and the other run has 3-4 surrogates outside of acceptance criteria :	The run with surrogate recoveries within acceptance criteria is selected as reportable.
If the surrogate recoveries for one run are within acceptance criteria and has some detections and the other run has 1-2 surrogates outside of acceptance criteria :	The run with surrogate recoveries within acceptance criteria is selected as reportable.
If one run has surrogate recoveries within acceptance criteria but is non-detect and the other run has 1-2 surrogates outside of acceptance criteria but has detections :	The run with detections is selected as reportable and the run with non-detects is not reported.
If both runs have detections and surrogate recoveries outside of acceptance criteria :	The run with more surrogates recoveries outside acceptance criteria is not reported and the run with fewer surrogate recoveries outside of acceptance criteria is selected as reportable.
If one run has surrogate recoveries outside of acceptance criteria but is non-detect and the other run has 1-2 more surrogates outside of acceptance criteria but has detections :	The run with detections is selected as reportable and the run with non-detects is not reported.
If both runs have the same number of surrogates with recovery outside the acceptance criteria:	If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable.
If two VOC runs are reported and there are no QC issues for both runs:	If both results are detected, the higher of detections is selected as reportable; if one result is detected and one is non-detect, the detection is selected as reportable; if both results are non-detect, the lower reporting limit is selected as reportable.

Appendix D

Waste Material Identification and Notification Procedure



Waste Material Identification and Notification Procedure

During mass grading activities at the former Philadelphia Refinery, there is the potential for previously unidentified waste materials to be encountered. This document describes the procedures for identifying non-soil waste material and notifying the appropriate parties, so that assessment and remediation activities can be conducted, as needed. These procedures will be applied during earthwork being conducted as part of the redevelopment of the former Philadelphia Refinery located at 3144 W Passyunk Avenue, Philadelphia, Pennsylvania (the Site). An Environmental Professional will be on site to observe soil movement and document that soil is placed in accordance with the results of pre-characterization samples collected under the site-specific Soil Management Plan dated June 15, 2020. The non-soil, waste-like material covered in these procedures includes leaded tank bottoms and containerized waste.

1. Waste Material Identification

Non-soil waste will be identified based on visual observation.

1.1 Leaded Tank Bottoms

Leaded tank bottoms are the sediment, dirt and petroleum byproducts that accumulated at the bottom of storage tanks used to store leaded gasoline. As this site is a former petroleum refining facility, leaded tank bottoms may be present in soil from historical spillage occurring during the cleaning operations of leaded gasoline tanks.

Leaded tank bottom materials encountered at the site have been described by Evergreen as rust/red to black, metallic, mostly oxidized scale materials, sometimes in a matrix of petroleum wax sludge. If material matching this description is encountered, the Environmental Professional will follow the notification procedures described in Section 2.

The contractor shall leave the materials in place pending further characterization and direction from Ownership.

1.2 Containerized Waste

The most common example of a waste container is a 55-gallon steel drum. If drums or containers with unknown contents are identified, on-site personnel will be directed to leave the area, and the general contractor's site safety officer will be notified to determine next steps. Once the site safety officer has confirmed that the drums or containers are not immediately dangerous to life or health, the drums may be further evaluated by the general contractor or earthwork contractor with observation by the Environmental Professional to determine if the drums are empty. Care will be taken during the evaluation to avoid damaging the drums or spilling their (potential) contents. If the drums are determined to be empty, they will be removed and disposed of as construction/demolition debris. If the

drums are not empty, the Environmental Professional will follow the notification procedures described in Section 2.

The contractor shall leave the materials in place pending further characterization and direction from Ownership.

2. Notification

The Environmental Professional will notify the Senior Project Manager immediately upon identifying either (1) material matching the description of leaded tank bottoms or (2) drums that are not empty. The Senior Project Manager will then notify Joseph Jeray of HRP via telephone and send email notification to Joseph Jeray and Julianna Connolly of HRP with a map showing the approximate location of the observation, photos showing what was observed, and a brief narrative providing the date, time, location, and depth relative to the original (pre-construction grade) of the observation. Contact information for the HRP representatives is provided below.

- Joseph Jeray, PE
Vice President, Environmental Remediation
(978) 729-3209 (c)
jjeray@hilcoglobal.com
- Julianna Connolly
Executive Vice President, Environmental Remediation
jconnolly@hilcoglobal.com
617-240-8695 (c)

After reviewing the information, HRP will notify Evergreen Resources Management Operations, a series of Evergreen Resources Group, LLC (Evergreen) of the observation.