FINAL

Soil Management Plan Addendum No. 9

Former Philadelphia Energy Solutions Refinery

3144 West Passyunk Avenue, Philadelphia, PA

Prepared for

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Philadelphia, Pennsylvania

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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
mg/kg	milligram per kilogram
MSC	Medium Specific Concentrations
Non-Res	non-residential
PADEP	Pennsylvania Department of Environmental Protection
PESRM	Philadelphia Energy Solutions Refining and Marketing LLC
Phase 1C	Industrial Development Phase 1C
Plan	Soil Management Plan
Plan Addendum	Soil Management Plan Addendum No. 9
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. 9* (*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 Industrial Development Phase 1C (Phase 1C) of the Industrial Development Area, located in the former Point Breeze South Yard 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. 4* (Terraphase 2023a), *SMP Addendum No. 5* (Terraphase 2023b), and *SMP Addendum No. 8* (Terraphase 2025). This *Plan Addendum* summarizes additional sampling performed in Parcel B and Phase 1C since the submittal of the *Addendum No. 8* (Terraphase 2025). The sampling in Parcel B was performed to characterize an unsampled area previously inaccessible due to railroad spurs and accounting for changes in grading plans and related cut volumes. The sampling in Phase 1C was performed to characterize an unsampled area previously inaccessible due to underground utilities and accounting for changes in grading plans (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);

[1] Philadelphia Refinery Operations, a series of Evergreen Resources Group, LLC ("Evergreen") is managing the legacy remedial work for 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 Report.

- *Soil Management Plan Addendum No. 4* (Terraphase 2023a);
- *Soil Management Plan Addendum No. 5* (Terraphase 2023b);
- *Soil Management Plan Addendum No. 6* (Terraphase 2024a);
- *Soil Management Plan Addendum No. 7* (Terraphase 2024b); and
- *Soil Management Plan Addendum No. 8* (Terraphase 2025).

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 is occurring in phases across the Site. This *Plan Addendum* presents the results of additional soil sampling performed and the associated categorization of soil to be cut in portions of the northern 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-excavation 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. The recently sampled areas described in this *Plan Addendum* include approximately 4.4 and 0.92 acres (as shown in yellow outline within Parcel B and Industrial Development Phase 1C, respectively, 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 Phase 1C areas 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 Phase 1C 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.

On March 10, 2025, soil sampling was conducted in the previously inaccessible cut material in Parcel B and Phase 1C to characterize the concentrations of site-specific substances in soil that is expected to be cut (**Figure 1.2**). The anticipated cut volume for these areas is approximately 4,300 cubic yards (yd^3) in Parcel B[2] and 5,800 yd^3 in Phase 1C.[3] Soil material subject to sampling for this Plan Addendum was divided into cells with one composite[4] 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 yd^3 and have these samples analyzed for the site-specific list of substances.

The Parcel B area of the former refinery was discretized into one two-dimensional cell area. The cell was vertically divided into layers each corresponding to an approximate volume of cut of 2,000 yd^3. Each layer was assigned the suffix “C1” to “C2” (where C1 corresponds to the shallowest layer). Given the planned total cut volume is approximately 4,300 yd^3, this resulted in two discrete volumes of soil to be sampled (~2,200 yd^3 per sample on average). In total, two soil samples were collected within the Parcel B area.

The Phase 1C area of the former refinery was discretized into one two-dimensional cell area. The cell was vertically divided into layers each corresponding to an approximate volume of cut of 2,000 yd^3. Each layer was assigned the suffix “C1” to “C3” (where C1 corresponds to the shallowest layer). Given the planned total cut volume is approximately 5,800 yd^3, this resulted in three discrete volumes of soil to be sampled (~1,900 yd^3 per sample on average). In total, three soil samples were collected within the Phase 1C area.

[2] Based on the October 2024 grading plan.

[3] Based on the November 2024 grading plan.

[4] 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.

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 eight soil borings were installed (i.e., four soil borings in Parcel B and four soil borings in Phase 1C). 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 302) and cell letter/number (e.g., 20 or AL01). 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)[5] 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 yd^3 volume, a discrete, grab sample was collected for volatile organic compound (VOC) analysis from the soil boring (boring -a, -b, -c, and -d) where field observations (e.g., field screening) indicated the greatest evidence of potential VOC contamination. A four-point composite sample, composed of soil from all four borings, was collected for semi-volatile organic compounds (SVOC) and lead analyses.

2.3 Sample Analyses

Samples collected were submitted to SGS North America Inc. of Dayton, New Jersey, 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 8260, SVOCs via USEPA Method 8270D,[6] and lead via USEPA Method 6010C.

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 MSCs identified in the approved 2020 *Plan*.

[5] Shallower cut in a portion of the area of Parcel B subject to this *Plan Addendum* that was accessible was previously sampled from borings designated as -a, -b, -c, and -d (Terraphase 2025). To characterize the deeper cut based on the October 2024 revision to the grading plan for Parcel B in cell ParcelB-20, a portion of which contains the previously inaccessible cut, new borings were advanced to the target depths (designated as -e, -f, -g, and -h).

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

3.1 Results and Soil Categorization

The analytical results for samples collected from the Site are presented in **Tables 3.1a** through **3.1h**, **3.2a** through **3.2h,** and **3.3** and are discussed below. **Figures 3.1a** and **3.1b** present the results for the samples collected under the SMP.

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 **3.1h** and **Tables 3.2a** through **3.2h,** respectively.

Parcel B

Two discrete and two 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 or the Non-Res Used Aquifer Soil-to-Groundwater (UA SGW) MSCs for soil in these cut samples.

Industrial Development Phase 1C

Three discrete and three composite soil samples were collected from the cut cells as part of the resampling in the Phase 1C area and analyzed for VOCs and SVOCs/lead, respectively. No chemicals were detected at concentrations above the Non-Res DC MSCs for soil in these cut samples.

Within these cut cells, benzene was the only chemical detected at concentrations greater than the Non-Res UA SGW MSCs.

- Benzene was detected in one of the three samples at 5.71 milligram per kilogram (mg/kg). The one detected concentration of benzene, as shown in **Table 3.1e**, exhibited a concentration greater than the Non-Res DC MSC of 0.5 mg/kg.

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,[7] 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

[7] 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 *Plan 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.

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 **Tables 3.4a** and **3.4b**, 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 the Parcel B area (i.e., cell ParcelB-20), and as summarized in **Table 3.4a**, 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.

Within the Phase 1C area (i.e., cell 302-AL01), and as summarized in **Table 3.4a**, benzene was detected in Evergreen, AST, Act 2, or RCRA Clean Closure soil samples at concentrations greater than the applicable MSCs.

Non-SMP sampling performed within the Parcel B area resulted in one cell, ParcelB-20, being recategorized as part of this evaluation from Category A soil to Category B soil. Non-SMP sampling performed within the Phase 1C area did not result in recategorization. The cell in Phase 1C, 302-AL01, remains Category B soil. The changes in the soil reuse categories are reflected on **Figure 3.1a**.

Cell	Original Category	Recategorization	Chemical Driver
ParcelB-20	A	B	Benzene, 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, previously inaccessible cut in the Parcel B and Phase 1C areas was discretized into two separate two-dimensional cells, or one two-dimensional cell in each area. 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 both cells had multiple cut layers (i.e., C1 through C3), in total, two and three 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**, both of the cells within the Parcel B and Phase 1C areas exhibited concentrations

greater than the applicable screening levels. Based on the soil analytical results, the two cells within Parcel B and Phase 1C 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 and 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. 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 Major Amendment 3 Limit of Disturbance.

Soil Management Category	Previous Volume (yd^3)	Updated Volume (yd^3)
Innovation Campus		
A	366,700	366,700
B	243,100	247,400
E	106,200	106,200
Not Yet Categorized	4,300	--
Total	**720,400**	**720,400**
Industrial Development Phase 1		
A	1,608,200	1,610,000
B	720,700	724,700
E	143,600	143,600
Not Yet Categorized	34,500	12,700[8]
Total	**2,507,000**	**2,491,000[9]**
Major Amendment 3 Limit of Disturbance		
A	89,800	89,800
B	290,100	290,100
E	83,800	83,800
Total	**463,700**	**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

[8] The remaining unsampled cells are 302-AJ01, 302-AJ02, 302-AK01, and 302-AJ04 and located within the Phase 1C area. Cells 302-AJ01, 302-AJ02, and 302-AK01 will be characterized after utility abandonment. Cell 302-AJ04 will not be sampled because of existing infrastructure.

[9] The Industrial Development Phase 1 area was initially scoped based on the February 2023 grading plan. Five cells in Phase 1C could not be sampled due to inaccessibility. As cell 302-AL01 became available to sample, these five cells were rescoped based on the revised November 2024 grading plan. As a result, less total cut volume needs to be sampled for these cells and accounts for the decrease in total cut volume in the Industrial Development Phase 1 area.

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.

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_ _ _. 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.

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

_ _ _. 2025. *Soil Management Plan Addendum No. 8*. March 13.

Figures

1.1 Site Location

1.2 Property and Development Area Boundaries

2.1 SMP Addendum No. 9 Boring Locations

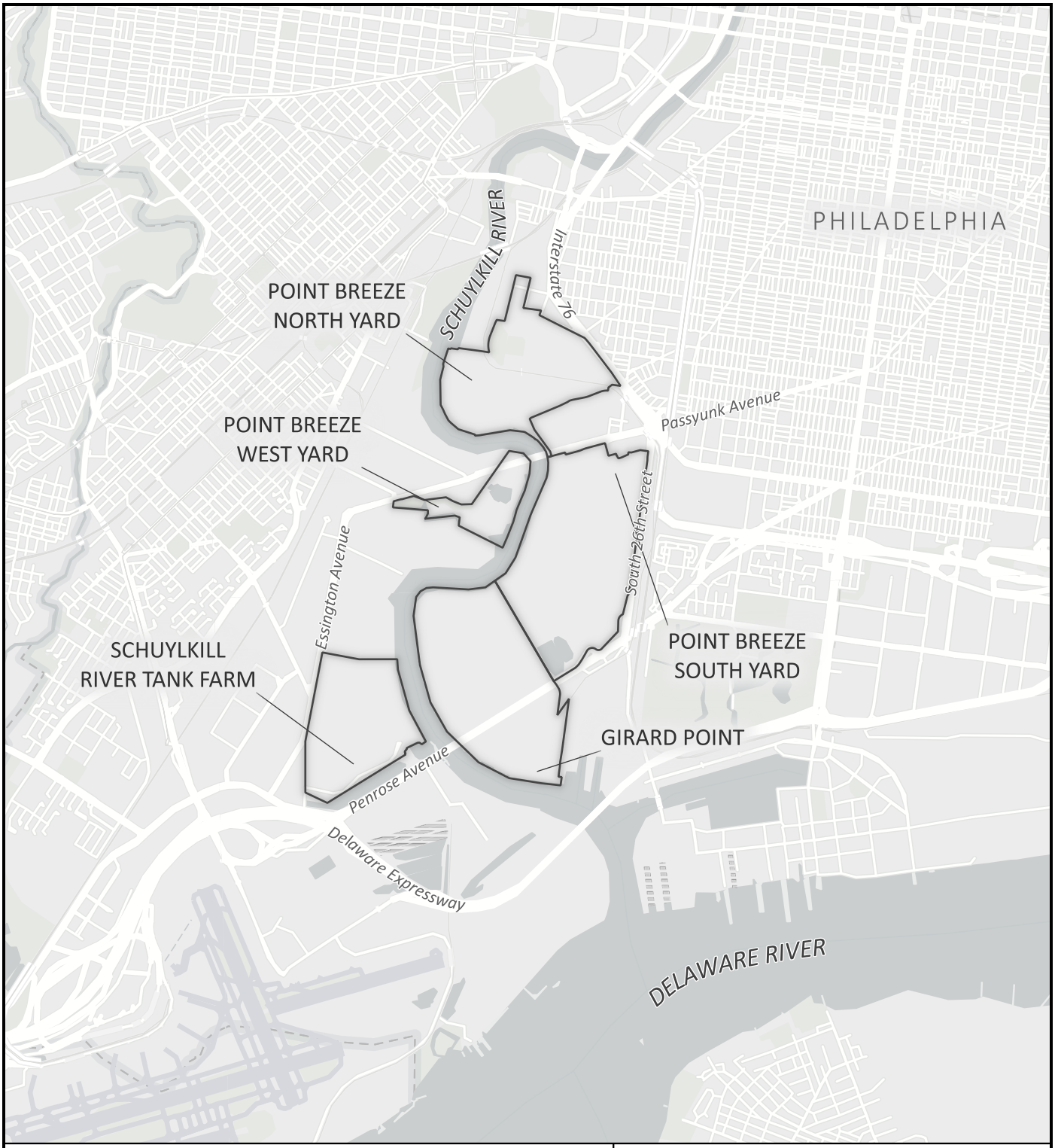
2.2a Soil Boring Locations and Cell Boundaries (Innovation Campus)

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



0 2,000 4,000 6,000 8,000 Feet

1 Inch = 4000 Feet

N

Legend

Property Boundary

SAFETY FIRST	CLIENT: Bellwether District Holdings, LLC	**Site Location**
terraphase engineering	PROJECT: Soil Management Plan Addendum No. 9	
	PROJECT NUMBER: P044.001.001	**FIGURE 1.1**

N:\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250423) QGZ340_P044.001_PESRM_SMP Primary.qgz Industrial Development Phase I - SMP Addendum - parent - Site Location 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long

POINT BREEZE
NORTH YARD

Interstate 76

Parcel A1

INNOVATION
CAMPUS

Parcel A2

Parcel B

POINT BREEZE
SOUTH YARD

POINT BREEZE
WEST YARD

Passyunk Avenue

MAJOR
AMENDMENT 3

1C

1A

1B

SCHUYLKILL RIVER

INDUSTRIAL

South 26th Street

1B

1C

1B

DEVELOPMENT

MAJOR
AMENDMENT 3

Essington Avenue

1A
PHASE 1

MAJOR
AMENDMENT 3

Penrose Avenue

SCHUYLKILL
RIVER TANK FARM

GIRARD POINT

Legend

- Property Boundary
- Parcel Boundary
- March 2025 Sampled Areas

Development Areas

- Innovation Campus
- Industrial Development Phase I
- Major Amendment 3

Industrial Development Area Sub-Phases

- 1A
- 1B
- 1C

N

0 300 600 900 1,200 ft

1 Inch = 1200 Feet

SAFETY FIRST

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Property and Development Area Boundaries

FIGURE 1.2

N:\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250423) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 1.2 - Development Area 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long

Parcel A1
Parcel A2
Parcel B
Interstate 76
Passyunk Avenue
Outlot 1
Lot 13
Lot 16
Lot 12
Lot 11
Lot 15
South 26th Street
ROW
Outlot 2
SCHUYLKILL RIVER
Lot 9
Lot 8
Lot 14
Lot 6
Lot 5
Outlot 3
Lot 7
Lot 4
Outlot 4
Lot 3A
Penrose Avenue
PECO
SubStation
Outlot 5
Lot 3B
Lot 2
Outlot 6
Delaware Expressway

Legend
- Soil Boring Location
- Parcel/Lot Boundary
- March 2025 Sampled Areas

Limits of Disturbance
- Innovation Campus
- Industrial Development Phase 1
- Major Amendment 3

N

0 400 800 ft

1 Inch = 450 Feet

SAFETY FIRST

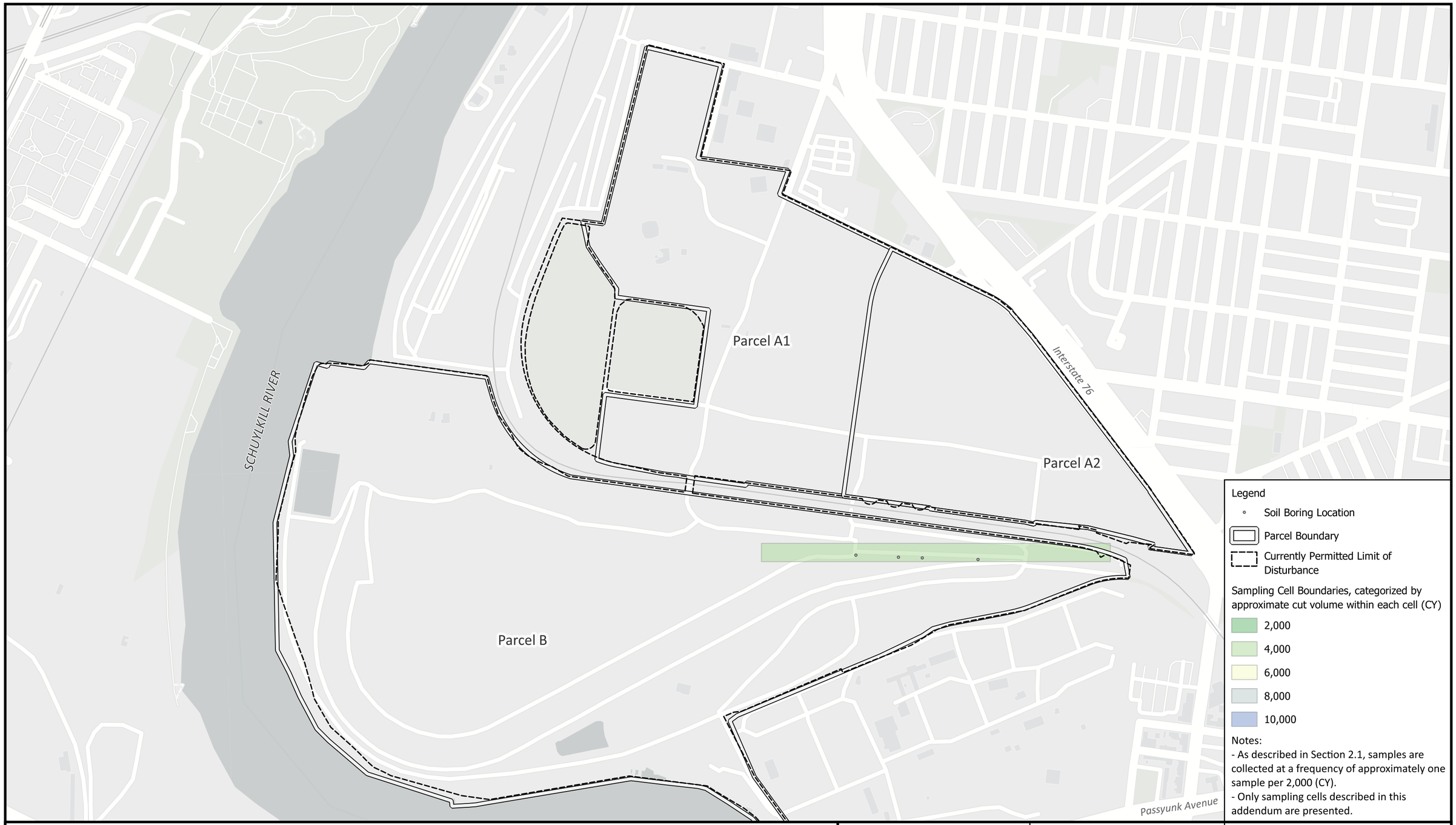
terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

SMP Addendum No. 9 Boring Locations

FIGURE 2.1

\\192.168.1.11\gis\GIS\Prj\P044.001_PES\RM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250527) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 2.1 - Boring Locations 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long



SAFETY FIRST

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Soil Boring Locations and Cell Boundaries (Innovation Campus)

FIGURE 2.2A

\\192.168.1.11\gis\GIS\Prj\P044.001_PESRM-PES\GIS_QGZ and GPKG\Branch_SMP_Primary\(20250527) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 2.2A - Cell and Boring Locations, Innovation Campus 2021-03-26T15:56:13.000 Created by: M.Civitillo
Checked by: K. Long

Interstate 76
Passyunk Avenue
Outlot 1
Lot 13
Lot 16
Lot 12
Lot 11
Lot 15
South 26th Street
ROW
Outlot 2
SCHUYLKILL RIVER
Lot 9
Lot 8
Lot 14
Lot 6
Lot 5
Outlot 3
Lot 7
Outlot 4
Lot 4
Lot 3A
Penrose Avenue
Outlot 5
Lot 3B
PECO
SubStation
Lot 2
Outlot 6
Delaware Expressway

Legend
- Soil Boring Location
- Lot Boundary
- Currently Permitted Limit of Disturbance

Sampling Cell Boundaries, categorized by approximate cut volume within each cell (CY)
- 2,000
- 4,000
- 6,000
- 8,000
- 10,000

Notes:
- As described in Section 2.1, samples are collected at a frequency of approximately one sample per 2,000 (CY).
- Only sampling cells described in this addendum are presented.

N
0 350 700 ft
1 Inch = 350 Feet

SAFETY FIRST

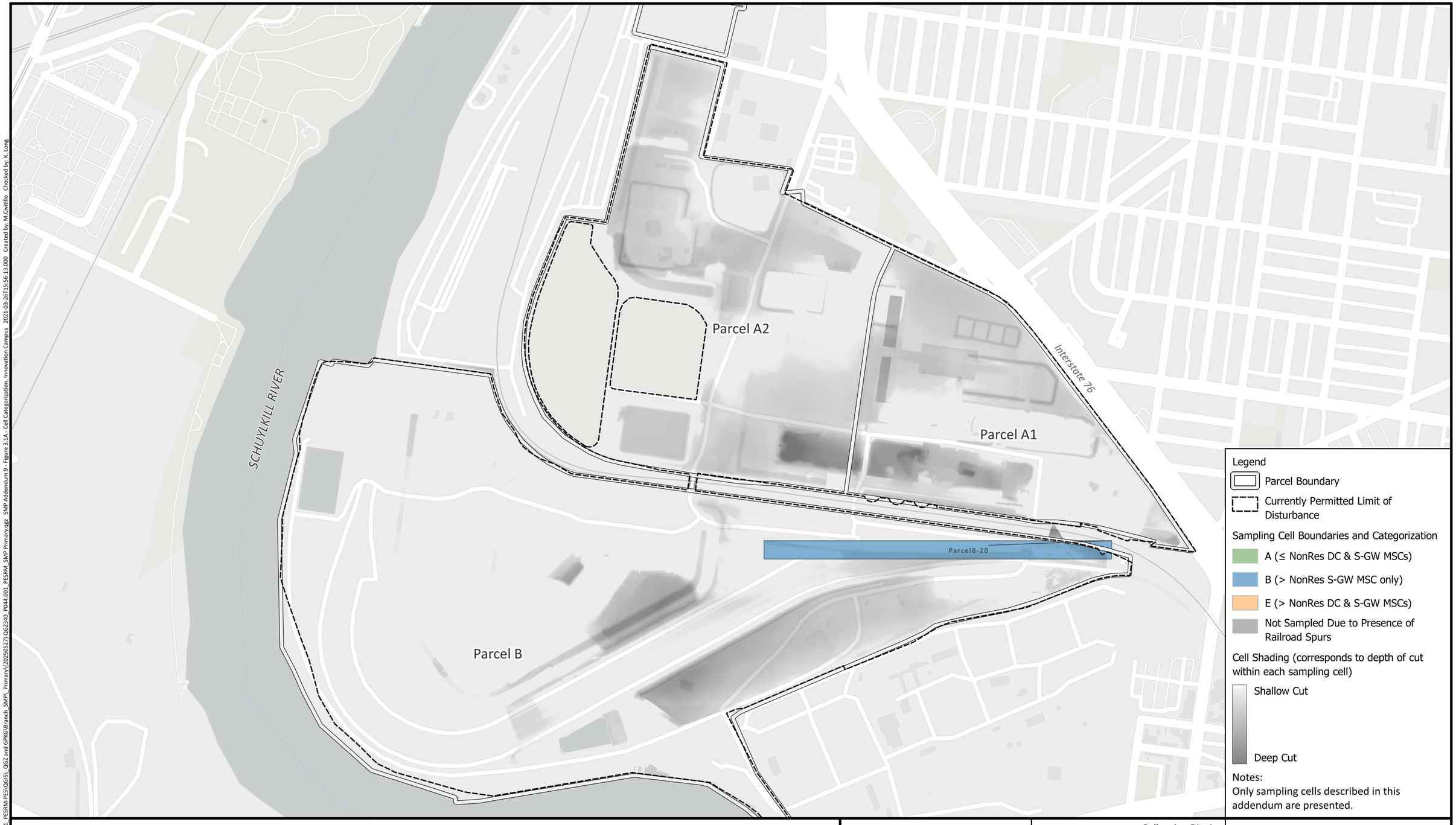
terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Soil Boring Locations and Cell Boundaries (Industrial Development Area)

FIGURE 2.2B

\\192.168.1.11\gis\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250527) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 2.2B - Cell and Boring Locations, Industrial Development Area 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long



Legend

- Parcel Boundary
- Currently Permitted Limit of Disturbance

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

Notes:
Only sampling cells described in this addendum are presented.

0 250 500 750 1,000 ft

1 Inch = 500 Feet

N

SAFETY FIRST

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Soil Management Plan Cell Categorization (Innovation Campus)

FIGURE 3.1A

\\192.168.1.11\gis\GIS\Pri\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250527) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 3.1A - Cell Categorization, Innovation Campus 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long

Interstate 76
Passyunk Avenue
Outlot 1
Lot 13
Lot 16
Lot 12
Lot 11
Lot 15
South 26th Street
ROW
Outlot 2
SCHUYLKILL RIVER
302-AL01
Lot 9
Lot 8
Lot 14
Lot 6
Lot 5
Outlot 3
Lot 7
Lot 4
Outlot 4
Lot 3A
Penrose Avenue
Outlot 5
PECO
SubStation
Lot 3B
Lot 2
Outlot 6
Delaware Expressway

Legend
- Lot Boundary
- Currently Permitted Limit of Disturbance

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

Notes:
Only sampling cells described in this addendum are presented.

N
0 350 700 ft
1 Inch = 350 Feet

SAFETY FIRST

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Soil Management Plan
Cell Categorization
(Industrial Development Area)

FIGURE 3.1B

\\192.168.1.11\gis\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250527) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 3.1B - Cell Categorization, Industrial Development Area 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long

Parcel A2
Parcel A1
Parcel B
Interstate 76
Passyunk Avenue
SCHUYLKILL RIVER
Penrose Avenue
South 26th Street
Delaware Expressway
ROW
Outlot 1
Outlot 2
Outlot 3
Outlot 4
Outlot 5
Outlot 6
Lot 2
Lot 3A
Lot 3B
Lot 4
Lot 5
Lot 6
Lot 7
Lot 8
Lot 9
Lot 11
Lot 12
Lot 13
Lot 14
Lot 15
Lot 16
PECO SubStation

N

0 400 800 ft

1 Inch = 450 Feet

Legend

- L&I Boundary
- Parcel/Lot Boundary
- March 2025 Sampled Area

Limits of Disturbance

- Innovation Campus
- Industrial Development Phase 1
- 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

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Soil Management Plan Management Area Categorization

FIGURE 4.1

N:\GIS\P\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP_Primary\(20250423) QGZ340_P044.001_PESRM_SMP Primary.qgz SMP Addendum 9 - Figure 4.1 - Soil Management Plan Management Area Categorization 2021-03-26T15:56:13.000 Created by: M.Civitillo Checked by: K. Long

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 (Innovation Campus Parcel B – March 2025 Sampled Areas)

3.1d Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1A)

3.1e Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1B)

3.1f Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1C)

3.1g Cut Soil Discrete Analytical Results – VOCs (Industrial Development Phase 1C – March 2025 Sampled Areas)

3.1h Cut Soil Discrete Analytical Results – VOCs (Major Amendment 3 Limit of Disturbance)

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 (Innovation Campus Parcel B – March 2025 Sampled Areas)

3.2d Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1A)

3.2e Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1B)

3.2f Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1C)

3.2g Cut Soil Composite Analytical Results – PAHs and Lead (Industrial Development Phase 1C – March 2025 Sampled Areas)

3.2h Cut Soil Composite Analytical Results – PAHs and Lead (Major Amendment 3 Limit of Disturbance)

3.3 Underlying Soil Analytical Results (Innovation Campus)

3.4a Other Program's Analytical Results Summary – March 2025 Sampled Areas

3.4b Other Program's Analytical Results Summary – Previously Sampled Areas

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

Table 1.1
Development Component Functions
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Development Component	Exposure Barrier	Impervious Barrier
Surface Soil Layer Imported soil used in accessible areas at the ground surface will be subject to PADEP's Management of Fill Policy (PADEP 2021). 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	
Building Slab Minimum section will consist of 4 inches of concrete over 4 inches of aggregate subbase.	X	X
Parking Lot Minimum section will consist of 3.75 inches of concrete or asphalt over 4 inches of aggregate subbase.	X	X
Roadway Minimum section will consist of 5 inches of concrete and/or asphalt over 4 inches of aggregate subbase.	X	X
Drive Aisle 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. 9
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 values1,3 but below site-specific leaching based soil standards (if derived by BDH).	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 values1,3 and above both nonresidential soil-to-groundwater numeric values2 and site-specific leaching-based standards (if derived by BDH).	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, in their 2015 *Human Health Risk Assessment Report,* 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 (2021) 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. 9
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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-A15-C-a	101-D14-C-b	101-D16-C-a	101-D20-C-d	101-E14-S-d	101-F13-C-c	101-G10-C-b	101-G16-C-d	101-G23-C-c	101-G24-C-d	101-G25-C-d	101-G26-C-b	101-H10-C-d	101-H12-C-b
Cell	Soil Direct Contact	Soil to	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	101-H12-C
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-H17-C-b	101-H20-C-d	101-H21-C-c	101-H22-C-c	101-H23-C-c	101-H24-C-d	101-H27-C-d	101-H28-C-c	101-I13-C-d	101-I13-S-d	101-I15-C-b	101-I18-C-a	101-I20-C-a	101-I21-C-c
Cell	Soil Direct Contact	Soil to	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-I20-C	101-I21-C
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-I22-C-c	101-I23-C-c	101-I24-C-b	101-I25-C-b	101-I26-C-a	101-I29-C-b	101-I30-C1-a	101-I30-C2-b	101-J13-C-b	101-J17-C-c	101-J20-C-b	101-J21-C-b	101-J23-C-d	101-J26-C-a
Cell	Soil Direct Contact	Soil to	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	101-J21-C	101-J23-C	101-J26-C
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-J27-C-b	101-J28-C-a	101-J29-C-a	101-J31-C-c	101-J32-C1-a	101-J32-C2-b	101-K20-C-c	101-K21-C-c	101-K23-C-a	101-K26-C-b	101-K29-C-d	101-K30-C1-b	101-K30-C2-c	101-K31-C1-d
Cell	Soil Direct Contact	Soil to	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	101-K29-C	101-K30-C1	101-K30-C2	101-K31-C1
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-K31-C2-b	101-K33-C-d	101-K34-C1-b	101-K34-C2-b	101-L29-C-c	101-L30-C1-a	101-L30-C2-a	101-L31-C1-c	101-L31-C2-b	101-L32-C1-a	101-L32-C2-a	101-L32-S-a	101-L33-C1-d	101-L33-C2-d
Cell	Soil Direct Contact	Soil to	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	101-L32-C1	101-L32-C2	101-L32-S	101-L33-C1	101-L33-C2
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-L34-S-b	101-L35-C1-c	101-L35-C2-d	101-M26-C-a	101-M28-C-d	101-M29-C-d	101-M30-C-a	101-M31-C-d	101-M32-C1-d	101-M32-C2-d	101-M33-C1-d	101-M33-C2-c	101-M34-C1-a	101-M34-C2-a
Cell	Soil Direct Contact	Soil to	101-L34-S	101-L35-C1	101-L35-C2	101-M26-C	101-M28-C	101-M29-C	101-M30-C	101-M31-C	101-M32-C1	101-M32-C2	101-M33-C1	101-M33-C2	101-M34-C1	101-M34-C2
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-M36-C-a	101-N29-C-d	101-N31-C-b	101-N32-C-c	101-N33-C-b	101-N34-C-d	101-N35-C-d	101-O28-C-b	101-O29-C-a	101-O30-C-b	101-O31-C-d	101-O33-S-b	101-O34-C-d	101-O36-C-c
Cell	Soil Direct Contact	Soil to	101-M36-C	101-N29-C	101-N31-C	101-N32-C	101-N33-C	101-N34-C	101-N35-C	101-O28-C	101-O29-C	101-O30-C	101-O31-C	101-O33-S	101-O34-C	101-O36-C
Field Sample ID	Numeric Value	Groundwater	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)	(0-2 ft bgs)	Numeric Value	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 (0.001)	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:

1 Concentrations are presented in mg/kg.

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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:

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Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-O37-C-d	101-P12-C1-a	101-P12-C2-a	101-P31-C1-a	101-P31-C2-d	101-P35-C-d	101-P36-C-c	101-P36-S-a	101-P37-C-b	101-P38-C-b	101-Q37-C-c	101-Q38-C-c	101-Q39-C-a	101-R23-S-d
Cell	Soil Direct Contact	Soil to	101-O37-C	101-P12-C1	101-P12-C2	101-P31-C1	101-P31-C2	101-P35-C	101-P36-C	101-P36-S	101-P37-C	101-P38-C	101-Q37-C	101-Q38-C	101-Q39-C	101-R23-S
Field Sample ID	Numeric Value	Groundwater	101-O37-C-VOC	101-P12-C1-VOC	101-P12-C2-VOC	101-P31-C1-VOC	101-P31-C2-VOC	101-P35-C-VOC	101-P36-C-VOC	101-P36-S-VOC	101-P37-C-VOC	101-P38-C-VOC	101-Q37-C-VOC	101-Q38-C-VOC	101-Q39-C-VOC	101-R23-S-VOC
Collection Depth (ft bgs)	(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
Sample Date	(mg/kg)	(mg/kg)	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-R38-C-a	101-S22-S-c	101-S23-C-d	101-S23-S-d	101-S24-C-c	101-S24-S-b	101-S25-C-d	101-S25-S-d	101-S26-C-c	101-S26-S-b	101-S27-S-d	101-S28-C-b	101-S29-S-c	101-S30-C-b
Cell	Soil Direct Contact	Soil to	101-R38-C	101-S22-S	101-S23-C	101-S23-S	101-S24-C	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
Field Sample ID	Numeric Value	Groundwater	101-R38-C-VOC	101-S22-S-VOC	101-S23-C-VOC	101-S23-S-VOC	101-S24-C-VOC	101-S24-S-VOC	101-S25-C-VOC	101-S25-S-VOC	101-S26-C-VOC	101-S26-S-VOC	101-S27-S-VOC	101-S28-C-VOC	101-S29-S-VOC	101-S30-C-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
Sample Date	(mg/kg)	(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:

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:

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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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-T23-S-b	101-T24-C-a	101-T24-S-c	101-T25-S-a	101-T26-C-a	101-T26-S-c	101-T27-S-c	101-T28-C-b	101-T28-S-b	101-T29-C-b	101-T29-S-a	101-T30-C-b	101-T30-S-c	101-T31-C-a
Cell	Soil Direct Contact	Soil to	101-T23-S	101-T24-C	101-T24-S	101-T25-S	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
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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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.

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Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-T31-S-b	101-T32-C-d	101-T32-S-c	101-T33-C-b	101-T33-S-d	101-T34-C-a	101-T34-S-d	101-T38-C-d	101-U21-C-a	101-U24-S-d	101-U26-S-b	101-U28-S-b	101-U29-S-c	101-U30-C-b
Cell	Soil Direct Contact	Soil to	101-T31-S	101-T32-C	101-T32-S	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
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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4 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-U30-S-a	101-U32-C-a	101-U32-S-d	101-U33-C-b	101-U33-S-c	101-U34-C-d	101-U34-S-d	101-U35-C-b	101-U35-S-b	101-U36-S-b	101-U37-C1-a	101-U37-C2-a	101-V24-C-b	101-V27-C-d
Cell	Soil Direct Contact	Soil to	101-U30-S	101-U32-C	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
Field Sample ID	Numeric Value	Groundwater	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)	(0-2 ft bgs)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	101-V30-C-b	101-V32-S-b	101-V33-C-c	101-V35-C-b	101-V35-S-d	101-X43-C-a	102-D04-C-c	102-E08-C1-c	102-E08-C2-a	102-E11-C-b	102-E13-C-d	102-F13-C-d	102-F16-C-d	102-F18-C-b
Cell	Soil Direct Contact	Soil to	101-V30-C	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	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	102-F20-C-d	102-G23-C-b	102-G25-C-c	102-G27-C-b	102-G29-C-d	103-A10-C-c	103-A10-S-c	103-A11-S1-b	103-A11-S2-c	103-A12-S-d	103-A14-S-c	103-A15-S-a	103-A16-S-d	103-A17-S-d
Cell	Soil Direct Contact	Soil to	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	103-A17-S
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	103-AA10-S-a	103-AA11-S-c	103-AA12-S-a	103-B10-S-c	103-B11-S-d	103-B13-S-a	103-B14-S-d	103-B15-S-d	103-B16-S-c	103-B17-S-d	103-B18-S-b	103-C10-C-d	103-C12-S-c	103-C13-S-b
Cell	Soil Direct Contact	Soil to	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	103-C12-S	103-C13-S
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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:

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Table 3.1a
Stockpile or Cut Soil Discrete Analytical Results - VOCs
Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	103-C14-S-c	103-C15-S-c	103-C16-S-a	103-C17-S-d	103-C18-S-a	103-D12-S-a	103-D13-S-b	103-D14-S-c	103-D15-S-a	103-D16-S-d	103-D17-S-d	103-E08-C-d	103-E12-S-a	103-E13-S-d
Cell	Soil Direct Contact	Soil to	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-E08-C	103-E12-S	103-E13-S
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	103-E14-S-b	103-E15-S-b	103-F07-C-a	103-F11-C-c	103-F13-S-d	103-G07-C-b	103-G11-C-a	103-H01-C-c	103-H05-C-b	103-I05-C1-c	103-I05-C2-b	104-A25-C-d	104-A28-C-a	104-A28-S-d
Cell	Soil Direct Contact	Soil to	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	103-I05-C2	104-A25-C	104-A28-C	104-A28-S
Field Sample ID	Numeric Value	Groundwater	103-E14-S-VOC	103-E15-S-VOC	103-F07-C-VOC	103-F11-C-VOC	103-F13-S-VOC	103-G07-C-VOC	103-G11-C-VOC	103-H01-C-VOC	103-H05-C-VOC	103-I05-C1-VOC	103-I05-C2-VOC	104-A25-C-VOC	104-A28-C-VOC	104-A28-S-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0 - 12.7	0 - 12.7	0 - 4.58	0 - 3.93	0 - 2.55	0 - 3.58	0 - 3.93	0 - 2.78	0 - 2.61	0 - 1.51	1.51 - 3.01	0 - 2.88	2.61 - 5.71	0 - 2.61
Sample Date	(mg/kg)	(mg/kg)	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	2/15/2021	2/25/2021	2/25/2021	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-A30-S-c	104-B25-S-d	104-C23-S-b	104-C24-C-b	104-C25-S-b	104-C26-C-a	104-C28-C-b	104-C28-S-b	104-D21-S-c	104-D22-C-b	104-D24-C-a	104-D25-S-b	104-D26-C-c	104-D27-S-d
Cell	Soil Direct Contact	Soil to	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	104-D22-C	104-D24-C	104-D25-S	104-D26-C	104-D27-S
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-E17-S-c	104-E20-C-d	104-E20-S-c	104-E22-C-d	104-E23-S-c	104-E24-C-a	104-E24-S-d	104-F18-C-c	104-F20-C-a	104-F21-S-c	104-F22-C-d	104-G15-C-a	104-G15-S-b	104-G18-C-c
Cell	Soil Direct Contact	Soil to	104-E17-S	104-E20-C	104-E20-S	104-E22-C	104-E23-S	104-E24-C	104-E24-S	104-F18-C	104-F20-C	104-F21-S	104-F22-C	104-G15-C	104-G15-S	104-G18-C
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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.

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Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-G18-S-c	104-G19-S-b	104-G20-C-c	104-H15-C-d	104-H15-S-d	104-H16-C-c	104-H17-C-b	104-H17-S-c	104-H18-S-c	104-H19-C-b	104-I12-C-a	104-I14-C-a	104-I17-C-b	104-J10-C-a
Cell	Soil Direct Contact	Soil to	104-G18-S	104-G19-S	104-G20-C	104-H15-C	104-H15-S	104-H16-C	104-H17-C	104-H17-S	104-H18-S	104-H19-C	104-I12-C	104-I14-C	104-I17-C	104-J10-C
Field Sample ID	Numeric Value	Groundwater	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)	(0-2 ft bgs)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-J11-C-c	104-J12-C-b	104-J13-C-c	104-J18-C-d	104-J19-C-b	104-K07-C-a	104-K09-C-b	104-K10-C1-d	104-K10-C2-a	104-K11-C-b	104-K12-C1-d	104-K12-C2-d	104-K13-C-b	104-K14-C-c
Cell	Soil Direct Contact	Soil to	104-J11-C	104-J12-C	104-J13-C	104-J18-C	104-J19-C	104-K07-C	104-K09-C	104-K10-C1	104-K10-C2	104-K11-C	104-K12-C1	104-K12-C2	104-K13-C	104-K14-C
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-K15-C-c	104-K18-C-c	104-L05-C-a	104-L07-C-d	104-L08-C-b	104-L09-C1-d	104-L09-C2-b	104-L10-C-c	104-L11-C-b	104-L12-C-a	104-L16-C-d	104-M05-C-b	104-M06-C-c	104-M07-C-a
Cell	Soil Direct Contact	Soil to	104-K15-C	104-K18-C	104-L05-C	104-L07-C	104-L08-C	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
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	104-M09-C-d	104-N21-C-a	104-O22-C-b	LS-A-A01-a	LS-A-A01-b	LS-A-A01-b	LS-A-A02-b	LS-A-A02-c	LS-A-A03-b	LS-A-A03-c	LS-A-A04-b	LS-A-A04-d	LS-A-A05-a	LS-A-A05-a
Cell	Soil Direct Contact	Soil to	104-M09-C	104-N21-C	104-O22-C	LS-A-A01	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
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-B01-b	LS-A-B01-c	LS-A-B02-c	LS-A-B03-a	LS-A-C01-a	LS-A-C01-c	LS-A-C02-a	LS-A-C02-b	LS-A-C03-c	LS-A-C03-d	LS-A-C04-c	LS-A-C05-b	LS-A-D01-b	LS-A-D01-b
Cell	Soil Direct Contact	Soil to	LS-A-B01	LS-A-B01	LS-A-B02	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
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-D01-c	LS-A-D01-d	LS-A-D02-c	LS-A-D02-c	LS-A-D02-c	LS-A-D02-c	LS-A-D03-a	LS-A-D03-b	LS-A-D04-c	LS-A-D04-c	LS-A-D04-c	LS-A-D04-d	LS-A-D04-d	LS-A-D05-c
Cell	Soil Direct Contact	Soil to	LS-A-D01	LS-A-D01	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-D05
Field Sample ID	Numeric Value	Groundwater	LS-A-D01-C2-VOC	LS-A-D01-C1-VOC	LS-A-D02-C1-VOC	LS-A-D02-C2-VOC	LS-A-D02-C3-VOC	LS-A-D02-C4-VOC	LS-A-D03-C2-VOC	LS-A-D03-C1-VOC	LS-A-D04-C3-VOC	LS-A-D04-C4-VOC	LS-A-D04-C5-VOC	LS-A-D04-C1-VOC	LS-A-D04-C2-VOC	LS-A-D05-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
Sample Date	(mg/kg)	(mg/kg)	5/23/2023	5/23/2023	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
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:

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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.

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Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-D05-c	LS-A-D05-c	LS-A-D05-c	LS-A-D06-a	LS-A-D06-a	LS-A-D06-b	LS-A-D06-b	LS-A-D06-d	LS-A-D07-a	LS-A-D07-b	LS-A-D07-c	LS-A-D07-c	LS-A-D07-c	LS-A-E02-a
Cell	Soil Direct Contact	Soil to	LS-A-D05	LS-A-D05	LS-A-D05	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	Numeric Value	Groundwater	LS-A-D05-C2-VOC	LS-A-D05-C3-VOC	LS-A-D05-C4-VOC	LS-A-D06-C1-VOC	LS-A-D06-C2-VOC	LS-A-D06-C3-VOC	LS-A-D06-C5-VOC	LS-A-D06-C4-VOC	LS-A-D07-C3-VOC	LS-A-D07-C1-VOC	LS-A-D07-C2-VOC	LS-A-D07-C4-VOC	LS-A-D07-C5-VOC	LS-A-E02-C5-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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	1.1 - 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
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	5/4/2023	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:

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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.

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Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-E02-b	LS-A-E02-b	LS-A-E02-b	LS-A-E02-b	LS-A-E03-a	LS-A-E03-a	LS-A-E03-a	LS-A-E03-a	LS-A-E03-a	LS-A-E04-b	LS-A-E04-b	LS-A-E05-a	LS-A-E05-a	LS-A-E05-d
Cell	Soil Direct Contact	Soil to	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-E05
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-E06-c	LS-A-E06-d	LS-A-E07-c	LS-A-E08-a	LS-A-E08-a	LS-A-E08-a	LS-A-F01-b	LS-A-F03-d	LS-A-F04-c	LS-A-F05-b	LS-A-G01-a	LS-A-G01-b	LS-A-G01-c	LS-A-G02-a
Cell	Soil Direct Contact	Soil to	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	LS-A-G01	LS-A-G02
Field Sample ID	Numeric Value	Groundwater	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-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)	Numeric Value	1.4 - 1.5	1.2 - 1.4	3.7 - 3.8	1.5 - 1.7	2.4 - 2.6	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	5/9/2023	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:

1 Concentrations are presented in mg/kg.

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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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-G02-b	LS-A-G02-b	LS-A-G03-b	LS-A-G03-b	LS-A-G04-b	LS-A-G04-c	LS-A-G04-c	LS-A-G05-b	LS-A-G05-c	LS-A-G05-c	LS-A-G05-d	LS-A-G05-d	LS-A-G06-a	LS-A-G06-a
Cell	Soil Direct Contact	Soil to	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	LS-A-G05	LS-A-G06	LS-A-G06
Field Sample ID	Numeric Value	Groundwater	LS-A-G02-C2-VOC	LS-A-G02-C3-VOC	LS-A-G03-C1-VOC	LS-A-G03-C2-VOC	LS-A-G04-C2-VOC	LS-A-G04-C1-VOC	LS-A-G04-C3-VOC	LS-A-G05-C5-VOC	LS-A-G05-C2-VOC	LS-A-G05-C3-VOC	LS-A-G05-C1-VOC	LS-A-G05-C4-VOC	LS-A-G06-C1-VOC	LS-A-G06-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
Sample Date	(mg/kg)	(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:

1 Concentrations are presented in mg/kg.

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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.

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Abbreviations:

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Innovation Campus
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Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-G07-c	LS-A-G08-d	LS-A-H01-c	LS-A-H01-d	LS-A-H01-d	LS-A-H02-b	LS-A-H02-b	LS-A-H02-b	LS-A-H02-b	LS-A-H02-c	LS-A-H03-d	LS-A-H03-d	LS-A-H03-d	LS-A-H04-a
Cell	Soil Direct Contact	Soil to	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	LS-A-H03	LS-A-H03	LS-A-H03	LS-A-H04
Field Sample ID	Numeric Value	Groundwater	LS-A-G07-C1-VOC	LS-A-G08-C1-VOC	LS-A-H01-C3-VOC	LS-A-H01-C1-VOC	LS-A-H01-C2-VOC	LS-A-H02-C1-VOC	LS-A-H02-C3-VOC	LS-A-H02-C4-VOC	LS-A-H02-C5-VOC	LS-A-H02-C2-VOC	LS-A-H03-C1-VOC	LS-A-H03-C2-VOC	LS-A-H03-C3-VOC	LS-A-H04-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-A-H04-a	LS-A-H04-b	LS-A-H05-a	LS-A-H05-c	LS-A-H06-c	LS-A-H07-b	LS-A-I01-d	LS-A-I02-d	LS-A-I03-c	LS-A-I03-d	LS-A-I03-d	LS-A-I03-d	LS-A-I04-c	LS-A-I04-c
Cell	Soil Direct Contact	Soil to	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	LS-A-I03	LS-A-I03	LS-A-I03	LS-A-I04	LS-A-I04
Field Sample ID	Numeric Value	Groundwater	LS-A-H04-C2-VOC	LS-A-H04-C3-VOC	LS-A-H05-C1-VOC	LS-A-H05-C2-VOC	LS-A-H06-C1-VOC	LS-A-H07-C1-VOC	LS-A-I01-C1-VOC	LS-A-I02-C1-VOC	LS-A-I03-C3-VOC	LS-A-I03-C1-VOC	LS-A-I03-C2-VOC	LS-A-I03-C4-VOC	LS-A-I04-C1-VOC	LS-A-I04-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-B-B01-d	LS-B-B02-c	LS-B-B03-d	LS-B-C01-a	LS-B-D01-a	LS-B-D01-a	LS-B-E01-b	LS-B-E01-c	LS-B-E01-d	LS-B-F01-d	LS-B-G01-a	LS-B-G01-b	LS-B-G02-c	LS-B-G02-d
Cell	Soil Direct Contact	Soil to	LS-B-B01	LS-B-B02	LS-B-B03	LS-B-C01	LS-B-D01	LS-B-D01	LS-B-E01	LS-B-E01	LS-B-E01	LS-B-F01	LS-B-G01	LS-B-G01	LS-B-G02	LS-B-G02
Field Sample ID	Numeric Value	Groundwater	LS-B-B01-C1-VOC	LS-B-B02-C1-VOC	LS-B-B03-C1-VOC	LS-B-C01-C1-VOC	LS-B-D01-C1-VOC	LS-B-D01-C2-VOC	LS-B-E01-C2-VOC	LS-B-E01-C3-VOC	LS-B-E01-C1-VOC	LS-B-F01-C1-VOC	LS-B-G01-C2-VOC	LS-B-G01-C1-VOC	LS-B-G02-C2-VOC	LS-B-G02-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
Sample Date	(mg/kg)	(mg/kg)	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
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:

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:

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. 9
Bellwether District Holdings, LLC , Philadelphia, PA

Location	Non-Residential	Non-Residential	LS-B-G02-d	LS-B-G02-d	LS-B-H01-b	LS-B-H02-b	LS-B-H02-b	LS-B-H02-b
Cell	Soil Direct Contact	Soil to	LS-B-G02	LS-B-G02	LS-B-H01	LS-B-H02	LS-B-H02	LS-B-H02
Field Sample ID	Numeric Value	Groundwater	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
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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
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:

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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	ParcelB-01-d	ParcelB-02-a	ParcelB-03-a	ParcelB-04-d	ParcelB-05-d	ParcelB-06-d	ParcelB-06-d	ParcelB-07-a	ParcelB-08-a	ParcelB-09-a	ParcelB-10-a	ParcelB-11-c
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	ParcelB-01-C1-VOC	ParcelB-02-C1-VOC	ParcelB-03-C1-VOC	ParcelB-04-C1-VOC	ParcelB-05-C1-VOC	ParcelB-06-C1-VOC	ParcelB-06-C2-VOC	ParcelB-07-C1-VOC	ParcelB-08-C1-VOC	ParcelB-09-C1-VOC	ParcelB-10-C1-VOC	ParcelB-11-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	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
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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 3.1b
Cut Soil Discrete Analytical Results - VOCs
Innovation Campus Parcel B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	ParcelB-12-a	ParcelB-13-b	ParcelB-14-c	ParcelB-15-a	ParcelB-16-c	ParcelB-17-d	ParcelB-18-d	ParcelB-19-a	ParcelB-20-b	ParcelB-21-a
Cell	Soil Direct Contact	Soil to	ParcelB-12	ParcelB-13	ParcelB-14	ParcelB-15	ParcelB-16	ParcelB-17	ParcelB-18	ParcelB-19	ParcelB-20	ParcelB-21
Field Sample ID	Numeric Value	Groundwater	ParcelB-12-C1-VOC	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)	Numeric Value	1.5 - 2	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	1/3/2025	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	0.00079 (0.00054)	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	0.0013 (0.0011)	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 (0.00054)	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 (0.0011)	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	0.00015 J (0.0011)	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 (0.0022)	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 (0.0011)	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	0.00052 J (0.0022)	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	0.00045 J (0.0022)	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 (0.0022)	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
Innovation Campus Parcel B - March 2025 Sampled Areas
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Collection Depth (ft bgs) Sample Date	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	ParcelB-20-f ParcelB-20 ParcelB-20-C1-VOC-2 1.8 - 2.3 3/10/2025	ParcelB-20-h ParcelB-20 ParcelB-20-C2-VOC-2 4.5 - 5.0 3/10/2025
VOC				
Benzene	280	0.5	U (0.00061)	U (0.00076)
Cumene	10000	2500	U (0.0024)	U (0.003)
1,2-Dibromoethane	3.7	0.005	U (0.0012)	U (0.0015)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.0015)
Ethyl Benzene	880	70	U (0.0012)	U (0.0015)
Methyl tert-butyl ether	8500	2	U (0.0012)	U (0.0015)
Toluene	10000	100	U (0.0012)	U (0.0015)
1,2,4-Trimethylbenzene	4700	300	U (0.0024)	U (0.003)
1,3,5-Trimethylbenzene	4700	93	U (0.0024)	U (0.003)
Xylenes (total)	7900	1000	U (0.0012)	U (0.0015)

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 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-A01-b	201-A01-c	201-A01-c	201-A01-c	201-A02-c	201-A02-c	201-A02-c	201-A03-a	201-A03-c	201-A03-d	201-A04-a	201-A04-a	201-A04-a	201-A04-b
Cell	Soil Direct Contact	Soil to	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	201-A04
Field Sample ID	Numeric Value	Groundwater	201-A01-D1-VOC	201-A01-C1-VOC	201-A01-C2-VOC	201-A01-CX-VOC	201-A02-C1-VOC	201-A02-C2-VOC	201-A02-CX-VOC	201-A03-C1-VOC	201-A03-C2-VOC	201-A03-CX-VOC	201-A04-C2-VOC	201-A04-C3-VOC	201-A04-CX-VOC	201-A04-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.5 - 2.7	1.1 - 1.2	2.3 - 2.4	2.9 - 3.0	0.9 - 1.1	2.0 - 2.1	3.0 - 3.2	0.6 - 0.8	1.8 - 2.0	3.2 - 3.4	1.1 - 1.2	2.3 - 2.4	3.4 - 3.5	0.6 - 0.8
Sample Date	(mg/kg)	(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	1/19/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-A05-b	201-A05-b	201-A05-b	201-A05-c	201-A06-a	201-A06-a	201-A06-d	201-A07-a	201-A07-a	201-A07-b	201-A08-a	201-A08-a	201-A08-d	201-A09-b
Cell	Soil Direct Contact	Soil to	201-A05	201-A05	201-A05	201-A05	201-A06	201-A06	201-A06	201-A07	201-A07	201-A07	201-A08	201-A08	201-A08	201-A09
Field Sample ID	Numeric Value	Groundwater	201-A05-C1-VOC	201-A05-C2-VOC	201-A05-C3-VOC	201-A05-CX-VOC	201-A06-C2-VOC	201-A06-CX-VOC	201-A06-C1-VOC	201-A07-C1-VOC	201-A07-CX-VOC	201-A07-C2-VOC	201-A08-C2-VOC	201-A08-CX-VOC	201-A08-C1-VOC	201-A09-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.6 - 0.8	0.9 - 1.1	2.3 - 2.4	2.5 - 2.7	0.8 - 0.9	1.5 - 1.7	0.9 - 1.1	0.5 - 0.6	2.9 - 3.0	1.5 - 1.7	2.9 - 3.0	4.0 - 4.1	0.5 - 0.6	0.6 - 0.8
Sample Date	(mg/kg)	(mg/kg)	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	1/20/2022	1/20/2022
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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	1/24/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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	2/22/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	201-D08-c	201-D08-c	201-D08-c	201-D08-d	201-D09-d	201-D09-d	201-D09-d	201-D09-d	201-D10-a	201-D10-a	201-D10-c	201-D11-a	201-D11-b	201-D11-b
Cell	Soil Direct Contact	Soil to	201-D08	201-D08	201-D08	201-D08	201-D09	201-D09	201-D09	201-D09	201-D10	201-D10	201-D10	201-D11	201-D11	201-D11
Field Sample ID	Numeric Value	Groundwater	201-D08-C1-VOC	201-D08-C2-VOC	201-D08-C3-VOC	201-D08-CX-VOC	201-D09-C1-VOC	201-D09-C2-VOC	201-D09-C3-VOC	201-D09-CX-VOC	201-D10-C2-VOC	201-D10-CX-VOC	201-D10-C1-VOC	201-D11-C2-VOC	201-D11-C1-VOC	201-D11-CX-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 0.6	0.9 - 1.1	1.7 - 1.8	5.0 - 5.2	1.2 - 1.4	3.2 - 3.4	5.0 - 5.2	6.4 - 6.6	3.2 - 3.4	3.8 - 4.0	1.2 - 1.4	0.8 - 0.9	0.2 - 0.3	1.5 - 1.7
Sample Date	(mg/kg)	(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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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
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
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	3/10/2022	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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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-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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	4/6/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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 (0.00097)	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 (0.00097)	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 (0.00097)	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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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	3/21/2022	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 (0.0011)	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 (0.0015)	U (0.0022)	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 (0.0015)	U (0.0022)	0.00066 J (0.0023)	U (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 (0.0015)	U (0.0022)	U (0.0022)	U (0.0023)	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 (0.0015)	U (0.0022)	U (0.0022)	U (0.0023)	U (0.0023)

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	3/15/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	202-I05-d	202-I06-b	202-I06-b	202-I06-b	202-I06-b	202-I06-c	202-I07-b	202-I07-b	202-I07-b	202-I07-b	202-I08-b	202-I08-b	202-I08-b	202-J01-c
Cell	Soil Direct Contact	Soil to	202-I05	202-I06	202-I06	202-I06	202-I06	202-I06	202-I07	202-I07	202-I07	202-I07	202-I08	202-I08	202-I08	202-J01
Field Sample ID	Numeric Value	Groundwater	202-I05-CX-VOC	202-I06-C2-VOC	202-I06-C3-VOC	202-I06-C4-VOC	202-I06-CX-VOC	202-I06-C1-VOC	202-I07-C1-VOC	202-I07-C2-VOC	202-I07-C3-VOC	202-I07-CX-VOC	202-I08-C1-VOC	202-I08-C2-VOC	202-I08-CX-VOC	202-J01-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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 (0.0024)	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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	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	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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	6/14/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AC04-a	301-AC04-a	301-AC04-a	301-AC05-c	301-AC05-c	301-AC05-c	301-AC05-c	301-AC05-c	301-AC06-b	301-AC06-b	301-AC06-c	301-AC06-d	301-AC06-d	301-AC07-d
Cell	Soil Direct Contact	Soil to	301-AC04	301-AC04	301-AC04	301-AC05	301-AC05	301-AC05	301-AC05	301-AC05	301-AC06	301-AC06	301-AC06	301-AC06	301-AC06	301-AC07
Field Sample ID	Numeric Value	Groundwater	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-AC07-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	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	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-G02-b	301-G02-c	301-G03-b	301-G03-d	301-G03-d	301-G04-c	301-H01-a	301-H01-b	301-H01-c	301-H02-a	301-H02-b	301-H02-b	301-H02-c	301-H03-c
Cell	Soil Direct Contact	Soil to	301-G02	301-G02	301-G03	301-G03	301-G03	301-G04	301-H01	301-H01	301-H01	301-H02	301-H02	301-H02	301-H02	301-H03
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-H03-c	301-H03-c	301-I01-b	301-I01-c	301-I01-d	301-I02-a	301-I02-d	301-I02-d	301-I02-d	301-I02-d	301-I03-a	301-J01-b	301-J01-c	301-J01-c
Cell	Soil Direct Contact	Soil to	301-H03	301-H03	301-I01	301-I01	301-I01	301-I02	301-I02	301-I02	301-I02	301-I02	301-I03	301-J01	301-J01	301-J01
Field Sample ID	Numeric Value	Groundwater	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)	Numeric Value	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-S02-d	301-S02-d	301-S02-d	301-S03-c	301-T04-a	301-T04-d	301-T04-d	301-U04-c	301-U04-d	301-U04-d	301-U04-d	301-V04-d	301-V04-d	301-V04-d
Cell	Soil Direct Contact	Soil to	301-S02	301-S02	301-S02	301-S03	301-T04	301-T04	301-T04	301-U04	301-U04	301-U04	301-U04	301-V04	301-V04	301-V04
Field Sample ID	Numeric Value	Groundwater	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-V04-C1-VOC	301-V04-C2-VOC	301-V04-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	0.5 - 0.6	0.9 - 1.1
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
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-V04-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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	6/9/2022	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 (0.0017)	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)
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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-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-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	6/15/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	6/14/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	6/21/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.

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:

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 1A
Soil Management Plan Addendum No. 9
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-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-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-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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
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 1A
Soil Management Plan Addendum No. 9
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-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-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-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	6/16/2022	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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1d
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	301-AA02-b	301-AA02-d	301-AA02-d	301-AA02-d	301-AA03-a	301-AA03-a	301-AA03-a	301-AA03-a	301-AA04-c	301-AA04-c	301-AA04-c	301-AA04-c	301-AA04-c
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	301-AA02-C1-VOC	301-AA02-C2-VOC	301-AA02-C3-VOC	301-AA02-C4-VOC	301-AA03-C1-VOC	301-AA03-C2-VOC	301-AA03-C3-VOC	301-AA03-C4-VOC	301-AA04-C1-VOC	301-AA04-C2-VOC	301-AA04-C3-VOC	301-AA04-C4-VOC	301-AA04-C5-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.3 - 0.5	1.1 - 1.2	2.1 - 2.3	2.7 - 2.9	0.3 - 0.5	0.6 - 0.8	1.2 - 1.4	1.7 - 1.8	0.2 - 0.3	1.1 - 1.2	1.4 - 1.5	2.0 - 2.1	2.6 - 2.7
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
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	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	8/4/2022	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	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
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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
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
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
VOCs															
Benzene	280	0.5	U (0.16)	U (0.00068)	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	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	8/5/2022	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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	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	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	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AE05-a	302-AE05-b	302-AE05-b	302-AE05-c	302-AE06-c	302-AE06-c	302-AE06-c	302-AE06-c	302-AE07-b	302-AE07-b	302-AE07-b	302-AE07-b	302-AE07-b
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	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)	Numeric Value	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AE08-a	302-AE08-a	302-AE08-a	302-AE08-a	302-AF03-c	302-AF03-c	302-AF03-c	302-AF03-c	302-AF03-c	302-AF04-c	302-AF04-c	302-AF04-c	302-AF04-c
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	302-AE08-C1-VOC	302-AE08-C2-VOC	302-AE08-C3-VOC	302-AE08-C4-VOC	302-AF03-C1-VOC	302-AF03-C2-VOC	302-AF03-C3-VOC	302-AF03-C4-VOC	302-AF03-C5-VOC	302-AF04-C1-VOC	302-AF04-C2-VOC	302-AF04-C3-VOC	302-AF04-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:
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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AJ07-b	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-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-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	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AO04-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-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	10/14/2022	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 (0.0021)	U (0.002)	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 (0.0021)	U (0.002)	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 (0.0021)	U (0.002)	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 (0.0021)	U (0.002)	U (0.0023)	U (0.0021)	U (0.0022)	U (0.0024)

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	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	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	9/14/2022	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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-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-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-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	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	9/14/2022	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AW04-c	302-AW04-c	302-AW04-c	302-AW04-c	302-AW04-c	302-AW05-d	302-AX02-c	302-AX02-c	302-AX02-c	302-AX02-c	302-AX02-c	302-AX03-a	302-AX03-a
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	302-AW04-C1-VOC	302-AW04-C2-VOC	302-AW04-C3-VOC	302-AW04-C4-VOC	302-AW04-C5-VOC	302-AW05-C1-VOC	302-AX02-C1-VOC	302-AX02-C2-VOC	302-AX02-C3-VOC	302-AX02-C4-VOC	302-AX02-C5-VOC	302-AX03-C1-VOC	302-AX03-C2-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	5.3 - 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 (0.0023)	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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AY05-c	302-AY05-c	302-AY05-c	302-AY07-d	302-AZ02-a	302-AZ02-b	302-AZ02-b	302-AZ03-c	302-AZ03-c	302-AZ03-c	302-AZ03-c	302-AZ03-c	302-BA03-c
Cell	Soil Direct Contact	Soil to	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	Numeric Value	Groundwater	302-AY05-C3-VOC	302-AY05-C4-VOC	302-AY05-C5-VOC	302-AY07-C1-VOC	302-AZ02-C3-VOC	302-AZ02-C1-VOC	302-AZ02-C2-VOC	302-AZ03-C1-VOC	302-AZ03-C2-VOC	302-AZ03-C3-VOC	302-AZ03-C4-VOC	302-AZ03-C5-VOC	302-BA03-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.8 - 2.0	2.4 - 2.6	3.0 - 3.2	0.8 - 0.9	1.5 - 1.7	0.5 - 0.6	1.1 - 1.2	0.5 - 0.6	0.8 - 0.9	1.7 - 1.8	2.4 - 2.6	3.4 - 3.5	0.5 - 0.6
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
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:

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 3.1e
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
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:
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 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
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-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-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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AD01-d	302-AD02-d	302-AD02-d	302-AD02-d	302-AD02-d	302-AD02-d	302-AE01-d	302-AE01-d	302-AE01-d	302-AE01-d	302-AE01-d	302-AE02-a	302-AE02-b
Cell	Soil Direct Contact	Soil to	302-AD01	302-AD02	302-AD02	302-AD02	302-AD02	302-AD02	302-AE01	302-AE01	302-AE01	302-AE01	302-AE01	302-AE02	302-AE02
Field Sample ID	Numeric Value	Groundwater	302-AD01-C3-VOC	302-AD02-C1-VOC	302-AD02-C2-VOC	302-AD02-C3-VOC	302-AD02-C4-VOC	302-AD02-C5-VOC	302-AE01-C1-VOC	302-AE01-C2-VOC	302-AE01-C3-VOC	302-AE01-C4-VOC	302-AE01-C5-VOC	302-AE02-C1-VOC	302-AE02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	7.5 - 7.6	0.6 - 0.8	2.4 - 2.6	3.7 - 3.8	5.5 - 5.6	6.4 - 6.6	0.5 - 0.6	2.3 - 2.4	3.0 - 3.2	4.9 - 5.0	6.1 - 6.2	0.2 - 0.3	9.5 - 10.0
Sample Date	(mg/kg)	(mg/kg)	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	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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AE02-b	302-AE02-b	302-AF01-d	302-AF01-d	302-AF01-d	302-AF02-a	302-AF02-a	302-AF02-a	302-AF02-a	302-AG01-d	302-AG01-d	302-AG01-d	302-AG01-d
Cell	Soil Direct Contact	Soil to	302-AE02	302-AE02	302-AF01	302-AF01	302-AF01	302-AF02	302-AF02	302-AF02	302-AF02	302-AG01	302-AG01	302-AG01	302-AG01
Field Sample ID	Numeric Value	Groundwater	302-AE02-C3-VOC	302-AE02-C4-VOC	302-AF01-C1-VOC	302-AF01-C2-VOC	302-AF01-C3-VOC	302-AF02-C1-VOC	302-AF02-C2-VOC	302-AF02-C3-VOC	302-AF02-C4-VOC	302-AG01-C1-VOC	302-AG01-C2-VOC	302-AG01-C3-VOC	302-AG01-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	5.3 - 5.5	22.5 - 23.0	1.5 - 1.7	3.0 - 3.2	5.5 - 5.6	1.1 - 1.2	2.4 - 2.6	5.0 - 5.2	6.1 - 6.2	0.3 - 0.5	2.1 - 2.3	3.4 - 3.5	4.9 - 5.0
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AG01-d	302-AG02-d	302-AG02-d	302-AG02-d	302-AG02-d	302-AH01-a	302-AH01-a	302-AH01-d	302-AH02-c	302-AH02-d	302-AH02-d	302-AH02-d	302-AH03-a
Cell	Soil Direct Contact	Soil to	302-AG01	302-AG02	302-AG02	302-AG02	302-AG02	302-AH01	302-AH01	302-AH01	302-AH02	302-AH02	302-AH02	302-AH02	302-AH03
Field Sample ID	Numeric Value	Groundwater	302-AG01-C5-VOC	302-AG02-C1-VOC	302-AG02-C2-VOC	302-AG02-C3-VOC	302-AG02-C4-VOC	302-AH01-C1-VOC	302-AH01-C3-VOC	302-AH01-C2-VOC	302-AH02-C3-VOC	302-AH02-C1-VOC	302-AH02-C2-VOC	302-AH02-C4-VOC	302-AH03-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	6.4 - 3.8	0.6 - 0.8	2.1 - 2.3	4.3 - 4.4	5.8 - 5.9	0.9 - 1.1	4.0 - 4.1	4.3 - 4.4	5.5 - 5.6	0.6 - 0.8	3.0 - 3.2	7.6 - 7.8	4.9 - 5.0
Sample Date	(mg/kg)	(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
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)	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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AH03-a	302-AH03-b	302-AH03-b	302-AI01-b	302-AI02-b	302-AI02-b	302-AI02-d	302-AI02-d	302-AI02-d	302-AI03-c	302-AI03-c	302-AI03-c	302-AI03-c
Cell	Soil Direct Contact	Soil to	302-AH03	302-AH03	302-AH03	302-AI01	302-AI02	302-AI02	302-AI02	302-AI02	302-AI02	302-AI03	302-AI03	302-AI03	302-AI03
Field Sample ID	Numeric Value	Groundwater	302-AH03-C4-VOC	302-AH03-C1-VOC	302-AH03-C2-VOC	302-AI01-C1-VOC	302-AI02-C1-VOC	302-AI02-C3-VOC	302-AI02-C2-VOC	302-AI02-C4-VOC	302-AI02-C5-VOC	302-AI03-C1-VOC	302-AI03-C2-VOC	302-AI03-C3-VOC	302-AI03-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	7.6 - 7.8	1.1 - 1.2	2.7 - 2.9	3.2 - 3.4	0.9 - 1.1	3.4 - 3.5	2.7 - 2.9	6.1 - 6.2	8.5 - 8.7	0.6 - 0.8	2.1 - 2.3	3.0 - 3.2	5.2 - 5.3
Sample Date	(mg/kg)	(mg/kg)	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
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
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:

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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:

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

Table 3.1f
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
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-AO01-a
Cell	Soil Direct Contact	Soil to	302-AL02	302-AL02	302-AL02	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:
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 Collection depth is the depth interval of soil relative to the existing conditions (i.e., pre-development) ground surface.
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:
VOCs -- Volatile Organic Compounds.
ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1g
Cut Soil Discrete Analytical Results - VOCs
Industrial Development Phase 1C - March 2025 Sampled Areas
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	302-AL01-g	302-AL01-g	302-AL01-g
Cell	Soil Direct Contact	Soil to	302-AL01	302-AL01	302-AL01
Field Sample ID	Numeric Value	Groundwater	302-AL01-C1-VOC	302-AL01-C2-VOC	302-AL01-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	0.5 - 1.0	2.9 - 3.4	3.4 - 3.9
Sample Date	(mg/kg)	(mg/kg)	3/10/2025	3/10/2025	3/10/2025
VOCs					
Benzene	280	0.5	U (0.00051)	5.71 (0.065)	U (0.00089)
Cumene	10000	2500	U (0.0021)	U (0.0026)	U (0.0036)
1,2-Dibromoethane	3.7	0.005	U (0.001)	U (0.0013)	U (0.0018)
1,2-Dichloroethane	85	0.5	U (0.001)	U (0.0013)	U (0.0018)
Ethyl Benzene	880	70	U (0.001)	U (0.0013)	U (0.0018)
Methyl tert-butyl ether	8500	2	U (0.001)	U (0.0013)	U (0.0018)
Toluene	10000	100	U (0.001)	0.0015 (0.0013)	U (0.0018)
1,2,4-Trimethylbenzene	4700	300	U (0.0021)	U (0.0026)	U (0.0036)
1,3,5-Trimethylbenzene	4700	93	U (0.0021)	U (0.0026)	U (0.0036)
Xylenes (total)	7900	1000	U (0.001)	U (0.0013)	U (0.0018)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-A01-d	401-B01-b	401-B01-d	401-C01-a	401-C01-d	401-C01-d	401-C01-d	401-C01-d	401-D01-d	401-D01-d	401-D01-d
Cell	Soil Direct Contact	Soil to	401-A01	401-B01	401-B01	401-C01	401-C01	401-C01	401-C01	401-C01	401-D01	401-D01	401-D01
Field Sample ID	Numeric Value	Groundwater	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
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-D01-d	401-D02-c	401-D02-c	401-D02-c	401-D02-c	401-D02-c	401-E01-c	401-E01-c	401-E01-d	401-E02-c	401-E02-d
Cell	Soil Direct Contact	Soil to	401-D01	401-D02	401-D02	401-D02	401-D02	401-D02	401-E01	401-E01	401-E01	401-E02	401-E02
Field Sample ID	Numeric Value	Groundwater	401-D01-C4-VOC	401-D02-C1-VOC	401-D02-C2-VOC	401-D02-C3-VOC	401-D02-C4-VOC	401-D02-C5-VOC	401-E01-C1-VOC	401-E01-C2-VOC	401-E01-C3-VOC	401-E02-C1-VOC	401-E02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	7.5 - 8.0	0.5 - 1.0	2.0 - 2.5	4.0 - 4.5	5.8 - 6.3	7.3 - 7.8	1.0 - 1.5	3.0 - 3.5	5.4 - 5.9	1.5 - 2.0	4.0 - 4.5
Sample Date	(mg/kg)	(mg/kg)	8/14/2024	8/13/2024	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
VOCs													
Benzene	280	0.5	U (0.18)	0.011 (0.00051)	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)
Cumene	10000	2500	18 (0.36)	0.0013 (0.001)	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)
1,2-Dibromoethane	3.7	0.005	U (0.18)	U (0.00051)	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)
1,2-Dichloroethane	85	0.5	U (0.36)	U (0.001)	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)
Ethyl Benzene	880	70	1.7 (0.36)	0.0031 (0.001)	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)
Methyl tert-butyl ether	8500	2	U (0.71)	U (0.002)	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)
Toluene	10000	100	U (0.36)	0.002 (0.001)	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)
1,2,4-Trimethylbenzene	4700	300	130 (2.8)	0.001 J (0.002)	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)
1,3,5-Trimethylbenzene	4700	93	31 (0.71)	0.00034 J (0.002)	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)
Xylenes (total)	7900	1000	40 (0.36)	0.0048 (0.001)	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)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-F01-a	401-F01-a	401-F01-d	401-G01-d	401-G01-d	401-H01-a	401-H01-c	401-H02-b	401-H02-c	401-I01-d	401-J01-c
Cell	Soil Direct Contact	Soil to	401-F01	401-F01	401-F01	401-G01	401-G01	401-H01	401-H01	401-H02	401-H02	401-I01	401-J01
Field Sample ID	Numeric Value	Groundwater	401-F01-C1-VOC	401-F01-C2-VOC	401-F01-C3-VOC	401-G01-C1-VOC	401-G01-C2-VOC	401-H01-C1-VOC	401-H01-C2-VOC	401-H02-C2-VOC	401-H02-C1-VOC	401-I01-C1-VOC	401-J01-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.5 - 3.0	4.5 - 5.0	3.5 - 4.0	2.0 - 2.5	4.0 - 4.5	2.0 - 2.5	3.5 - 4.0	3.5 - 4.0	4.5 - 5.0	0.5 - 1.0	11.5 - 12.0
Sample Date	(mg/kg)	(mg/kg)	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/13/2024	8/13/2024	8/8/2024	8/12/2024
VOCs													
Benzene	280	0.5	U (0.00043)	U (0.03)	0.46 (0.03)	0.64 (0.044)	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)
Cumene	10000	2500	0.0039 (0.00086)	0.014 J (0.059)	1.4 (0.06)	0.16 (0.087)	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)
1,2-Dibromoethane	3.7	0.005	U (0.00043)	U (0.03)	U (0.03)	U (0.044)	U (0.043)	U (0.00048)	U (0.00046)	U (0.031)	U (0.027)	U (0.00068)	U (0.14)
1,2-Dichloroethane	85	0.5	U (0.00086)	U (0.059)	U (0.06)	U (0.087)	U (0.086)	U (0.00097)	U (0.00093)	U (0.061)	U (0.053)	U (0.0014)	0.11 J (0.29)
Ethyl Benzene	880	70	0.00029 J (0.00086)	U (0.059)	0.15 (0.06)	0.12 (0.087)	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)
Methyl tert-butyl ether	8500	2	U (0.0017)	U (0.12)	0.058 J (0.12)	U (0.17)	U (0.17)	U (0.0019)	U (0.0019)	U (0.12)	U (0.11)	U (0.0027)	U (0.58)
Toluene	10000	100	0.0006 J (0.00086)	U (0.059)	0.06 (0.06)	0.53 (0.087)	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)
1,2,4-Trimethylbenzene	4700	300	U (0.0017)	U (0.12)	0.13 (0.12)	0.098 J (0.17)	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)
1,3,5-Trimethylbenzene	4700	93	U (0.0017)	U (0.12)	0.068 J (0.12)	0.02 J (0.17)	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)
Xylenes (total)	7900	1000	0.008 (0.00086)	U (0.059)	0.67 (0.06)	0.36 J (0.087)	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)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-J01-d	401-K01-b	401-K01-d	401-K01-d	401-K01-d	401-L01-c	401-L02-b	401-L02-b	401-M01-c	401-M01-c	401-N01-b
Cell	Soil Direct Contact	Soil to	401-J01	401-K01	401-K01	401-K01	401-K01	401-L01	401-L02	401-L02	401-M01	401-M01	401-N01
Field Sample ID	Numeric Value	Groundwater	401-J01-C1-VOC	401-K01-C4-VOC	401-K01-C1-VOC	401-K01-C2-VOC	401-K01-C3-VOC	401-L01-C1-VOC	401-L02-C1-VOC	401-L02-C2-VOC	401-M01-C1-VOC	401-M01-C2-VOC	401-N01-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.5 - 2.0	3.0 - 3.5	1.9 - 2.4	3.0 - 3.5	4.7 - 5.2	1.0 - 1.5	1.9 - 2.4	2.5 - 3.0	1.0 - 1.5	4.5 - 5.0	4.5 - 5.0
Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/9/2024	8/12/2024	8/12/2024	8/9/2024	8/9/2024	8/9/2024
VOCs													
Benzene	280	0.5	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)	1.3 (0.033)	0.88 (0.035)	U (0.00056)	U (0.12)	5.8 (0.38)
Cumene	10000	2500	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)	17 (0.065)	12 (0.069)	0.00072 J (0.0011)	6.1 (0.24)	19 (0.76)
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.032)	U (0.03)	U (0.026)	U (0.026)	U (0.03)	U (0.033)	U (0.035)	U (0.00056)	U (0.12)	U (0.38)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.063)	U (0.06)	U (0.052)	U (0.051)	U (0.061)	U (0.065)	U (0.069)	U (0.0011)	U (0.24)	U (0.76)
Ethyl Benzene	880	70	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)	0.9 (0.065)	0.85 (0.069)	U (0.0011)	U (0.24)	41 (0.76)
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.13)	U (0.12)	U (0.1)	U (0.1)	U (0.12)	U (0.13)	U (0.14)	U (0.0022)	U (0.48)	U (1.5)
Toluene	10000	100	U (0.0012)	0.068 (0.063)	1.1 (0.06)	U (0.052)	0.07 (0.051)	U (0.061)	1 (0.065)	0.95 (0.069)	U (0.0011)	U (0.24)	16 (0.76)
1,2,4-Trimethylbenzene	4700	300	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)	1.7 (0.13)	1.5 (0.14)	U (0.0022)	U (0.48)	72 (1.5)
1,3,5-Trimethylbenzene	4700	93	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)	0.19 (0.13)	0.22 (0.14)	U (0.0022)	U (0.48)	31 (1.5)
Xylenes (total)	7900	1000	0.0025 (0.0012)	0.25 (0.063)	3.3 (0.06)	0.33 J (0.052)	0.49 (0.051)	U (0.061)	4 (0.065)	3.6 (0.069)	U (0.0011)	U (0.24)	250 (0.76)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-N01-c	401-O01-d	401-O01-d	401-P01-d	401-P01-d	401-Q01-d	401-Q01-d	401-Q01-d	401-R01-a	401-R01-a	401-R01-b
Cell	Soil Direct Contact	Soil to	401-N01	401-O01	401-O01	401-P01	401-P01	401-Q01	401-Q01	401-Q01	401-R01	401-R01	401-R01
Field Sample ID	Numeric Value	Groundwater	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	401-R01-C3-VOC	401-R01-C4-VOC	401-R01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	3.0 - 3.5	4.0 - 4.5	0.5 - 1.0
Sample Date	(mg/kg)	(mg/kg)	8/9/2024	8/9/2024	8/9/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024
VOCs													
Benzene	280	0.5	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)	0.72 J (0.74)	0.4 (0.046)	0.00032 J (0.00055)
Cumene	10000	2500	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)	22 (1.5)	14 (0.092)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.0006)	U (0.0005)	U (0.00055)	U (0.00052)	U (0.023)	U (0.028)	U (0.031)	U (0.034)	U (0.74)	U (0.046)	U (0.00055)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.001)	U (0.0011)	U (0.001)	U (0.046)	U (0.057)	U (0.062)	U (0.067)	U (1.5)	U (0.092)	U (0.0011)
Ethyl Benzene	880	70	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)	0.49 J (1.5)	0.084 J (0.092)	U (0.0011)
Methyl tert-butyl ether	8500	2	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)	U (3)	U (0.18)	U (0.0022)
Toluene	10000	100	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)	U (1.5)	0.058 J (0.092)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	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)	5.5 (3)	0.78 (0.18)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	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)	0.8 J (3)	0.11 J (0.18)	U (0.0022)
Xylenes (total)	7900	1000	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)	1.4 J (1.5)	0.26 J (0.092)	U (0.0011)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-R01-b	402-A01-c	402-B01-d	402-C01-b	403-A01-a	403-A01-b	403-B01-a	403-B01-a	403-B01-b	403-B01-b	403-B01-b
Cell	Soil Direct Contact	Soil to	401-R01	402-A01	402-B01	402-C01	403-A01	403-A01	403-B01	403-B01	403-B01	403-B01	403-B01
Field Sample ID	Numeric Value	Groundwater	401-R01-C2-VOC	402-A01-C1-VOC	402-B01-C1-VOC	402-C01-C1-VOC	403-A01-C2-VOC	403-A01-C1-VOC	403-B01-C1-VOC	403-B01-C2-VOC	403-B01-C3-VOC	403-B01-C4-VOC	403-B01-C5-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1.9 - 2.4	2.0 - 2.5	3.5 - 4.0	1.5 - 2.0	9.5 - 10.0	1.0 - 1.5	0.5 - 1.0	4.0 - 4.5	5.5 - 5.8	6.5 - 7.0	9.0 - 9.5
Sample Date	(mg/kg)	(mg/kg)	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	8/7/2024
VOCs													
Benzene	280	0.5	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)	U (0.00043)
Cumene	10000	2500	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)	0.00048 J (0.00087)
1,2-Dibromoethane	3.7	0.005	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)	U (0.00043)
1,2-Dichloroethane	85	0.5	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)	U (0.00087)
Ethyl Benzene	880	70	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)	U (0.00087)
Methyl tert-butyl ether	8500	2	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)	U (0.0017)
Toluene	10000	100	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)	U (0.00087)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.0017)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.0017)
Xylenes (total)	7900	1000	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)	U (0.00087)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	403-C01-a	403-C01-b	403-C01-b	403-C01-b	403-C01-c	403-C02-d	403-D01-a	403-D01-a	403-D01-a	403-E01-c	403-F01-a
Cell	Soil Direct Contact	Soil to	403-C01	403-C01	403-C01	403-C01	403-C01	403-C02	403-D01	403-D01	403-D01	403-E01	403-F01
Field Sample ID	Numeric Value	Groundwater	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
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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
Sample Date	(mg/kg)	(mg/kg)	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
VOCs													
Benzene	280	0.5	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)
Cumene	10000	2500	3 (0.068)	0.00018 J (0.0013)	0.031 (0.0012)	2.8 (0.066)	U (0.00092)	U (0.001)	0.035 (0.00089)	2.7 (0.059)	1.7 (0.054)	U (0.001)	U (0.00092)
1,2-Dibromoethane	3.7	0.005	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)
1,2-Dichloroethane	85	0.5	U (0.068)	U (0.0013)	U (0.0012)	U (0.066)	U (0.00092)	U (0.001)	U (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)
Ethyl Benzene	880	70	0.094 (0.068)	0.00038 J (0.0013)	0.00089 J (0.0012)	0.19 (0.066)	U (0.00092)	U (0.001)	0.001 (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)
Methyl tert-butyl ether	8500	2	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)
Toluene	10000	100	0.23 (0.068)	0.001 J (0.0013)	0.001 J (0.0012)	0.53 (0.066)	U (0.00092)	U (0.001)	0.00083 J (0.00089)	U (0.059)	U (0.054)	U (0.001)	U (0.00092)
1,2,4-Trimethylbenzene	4700	300	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)
1,3,5-Trimethylbenzene	4700	93	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)
Xylenes (total)	7900	1000	0.65 (0.068)	0.00083 J (0.0013)	0.0038 J (0.0012)	1.6 (0.066)	U (0.00092)	U (0.001)	0.0043 (0.00089)	0.12 J (0.059)	0.024 J (0.054)	U (0.001)	U (0.00092)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	403-G01-a	404-A01-a	404-B01-a	404-B02-a	404-C01-b	404-D01-b	404-E01-c	404-F01-d	401-MA3-1-01-d	401-MA3-1-02-b	401-MA3-1-02-c
Cell	Soil Direct Contact	Soil to	403-G01	404-A01	404-B01	404-B02	404-C01	404-D01	404-E01	404-F01	401-MA3-1-01	401-MA3-1-02	401-MA3-1-02
Field Sample ID	Numeric Value	Groundwater	403-G01-C1-VOC	404-A01-C1-VOC	404-B01-C1-VOC	404-B02-C1-VOC	404-C01-C1-VOC	404-D01-C1-VOC	404-E01-C1-VOC	404-F01-C1-VOC	401-MA3-1-01-C1-VOC	401-MA3-1-02-C1-VOC	401-MA3-1-02-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	2.0 - 2.5	3.4 - 3.9	4.0 - 4.5	1.0 - 1.5	4.5 - 5.0	3.0 - 3.5	1.5 - 2.0	2.7 - 3.2	1.5 - 2	1.8 - 2.3	2.5 - 3
Sample Date	(mg/kg)	(mg/kg)	8/6/2024	8/14/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	1/14/2025	1/13/2025	1/13/2025
VOCs													
Benzene	280	0.5	0.015 (0.00046)	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)	0.0068 (0.00051)	0.023 (0.0008)	5 (0.057)
Cumene	10000	2500	0.00098 (0.00092)	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)	0.0048 (0.001)	0.00067 J (0.0016)	0.012 J (0.11)
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.0012)	U (0.045)	U (0.00048)	U (0.03)	U (0.033)	U (0.031)	U (0.00055)	U (0.00051)	U (0.0008)	U (0.057)
1,2-Dichloroethane	85	0.5	U (0.00092)	U (0.0025)	U (0.09)	U (0.00097)	U (0.059)	U (0.066)	U (0.063)	U (0.0011)	U (0.001)	U (0.0016)	U (0.11)
Ethyl Benzene	880	70	0.0006 J (0.00092)	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)	0.00079 J (0.001)	0.0012 J (0.0016)	0.23 (0.11)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.005)	U (0.18)	U (0.0019)	U (0.12)	U (0.13)	U (0.12)	U (0.0022)	U (0.002)	U (0.0032)	U (0.23)
Toluene	10000	100	0.0024 (0.00092)	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)	0.0013 (0.001)	0.0031 (0.0016)	1.1 (0.11)
1,2,4-Trimethylbenzene	4700	300	0.00078 J (0.0018)	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)	0.0029 (0.002)	U (0.0032)	U (0.23)
1,3,5-Trimethylbenzene	4700	93	U (0.0018)	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)	0.0043 (0.002)	U (0.0032)	U (0.23)
Xylenes (total)	7900	1000	0.009 (0.00092)	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)	0.00774 J (0.002)	0.0048 J (0.0032)	0.942 J (0.23)

Notes:

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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:

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Table 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-08-a	401-MA3-1-09-c	401-MA3-1-09-c
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-08	401-MA3-1-09	401-MA3-1-09
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-08-C1-VOC	401-MA3-1-09-C1-VOC	401-MA3-1-09-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	1.5 - 2	0.5 - 1	2 - 2.5
Sample Date	(mg/kg)	(mg/kg)	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/20/2025	1/20/2025	1/20/2025	1/23/2025	1/23/2025
VOCs													
Benzene	280	0.5	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)	0.0038 (0.00063)	1.2 (0.032)	4.5 (0.078)
Cumene	10000	2500	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)	0.00096 J (0.0013)	0.12 (0.065)	7.4 (0.16)
1,2-Dibromoethane	3.7	0.005	U (0.00047)	U (0.00051)	U (0.00049)	U (0.00051)	U (0.00051)	U (0.036)	U (0.36)	U (0.31)	U (0.00063)	U (0.00075)	U (0.078)
1,2-Dichloroethane	85	0.5	U (0.00094)	U (0.001)	U (0.00098)	U (0.001)	U (0.001)	U (0.073)	U (0.72)	U (0.62)	U (0.0013)	U (0.0015)	U (0.16)
Ethyl Benzene	880	70	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)	0.0004 J (0.0013)	0.4 (0.065)	7.4 (0.16)
Methyl tert-butyl ether	8500	2	U (0.0019)	U (0.002)	U (0.002)	U (0.002)	U (0.002)	U (0.14)	U (1.4)	U (1.2)	U (0.0025)	U (0.003)	U (0.31)
Toluene	10000	100	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)	0.0009 J (0.0013)	0.33 (0.065)	2.2 (0.16)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.0025)	0.61 (0.13)	96 (12)
1,3,5-Trimethylbenzene	4700	93	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)	0.00029 J (0.0025)	0.12 J (0.13)	5.1 (0.31)
Xylenes (total)	7900	1000	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)	0.00215 J (0.0025)	0.81 J (0.13)	17.2 J (0.31)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-11-b	401-MA3-1-11-d	401-MA3-1-12-a
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-11	401-MA3-1-11	401-MA3-1-12
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-11-C1-VOC	401-MA3-1-11-C2-VOC	401-MA3-1-12-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	3 - 3.5	6.5 - 7	9 - 9.5
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	1/23/2025	1/23/2025	1/23/2025
VOCs													
Benzene	280	0.5	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)	0.49 (0.44)	0.2 (0.033)	U (0.00061)
Cumene	10000	2500	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)	70 (0.88)	10 (0.066)	U (0.0012)
1,2-Dibromoethane	3.7	0.005	U (0.36)	U (0.95)	U (0.33)	U (0.00064)	U (0.061)	U (0.028)	U (0.032)	U (0.038)	U (0.44)	U (0.033)	U (0.00061)
1,2-Dichloroethane	85	0.5	U (0.72)	U (1.9)	U (0.66)	U (0.0013)	U (0.12)	U (0.057)	U (0.064)	U (0.076)	U (0.88)	U (0.066)	U (0.0012)
Ethyl Benzene	880	70	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)	9.6 (0.88)	0.34 (0.066)	U (0.0012)
Methyl tert-butyl ether	8500	2	U (1.4)	U (3.8)	U (1.3)	U (0.0026)	U (0.24)	U (0.11)	U (0.13)	U (0.15)	U (1.8)	U (0.13)	U (0.0024)
Toluene	10000	100	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)	1.6 (0.88)	0.1 (0.066)	U (0.0012)
1,2,4-Trimethylbenzene	4700	300	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)	540 (18)	0.39 (0.13)	U (0.0024)
1,3,5-Trimethylbenzene	4700	93	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)	200 (1.8)	0.41 (0.13)	U (0.0024)
Xylenes (total)	7900	1000	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)	324 J (1.8)	0.44 J (0.13)	U (0.0024)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-12-a	401-MA3-1-13-d	401-MA3-1-13-d	401-MA3-1-14-c	401-MA3-1-14-c	401-MA3-1-15-a	401-MA3-1-16-b	401-MA3-1-16-b	401-MA3-1-17-c	401-MA3-1-18-c	401-MA3-1-18-d
Cell	Soil Direct Contact	Soil to	401-MA3-1-12	401-MA3-1-13	401-MA3-1-13	401-MA3-1-14	401-MA3-1-14	401-MA3-1-15	401-MA3-1-16	401-MA3-1-16	401-MA3-1-17	401-MA3-1-18	401-MA3-1-18
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-12-C2-VOC	401-MA3-1-13-C1-VOC	401-MA3-1-13-C2-VOC	401-MA3-1-14-C1-VOC	401-MA3-1-14-C2-VOC	401-MA3-1-15-C1-VOC	401-MA3-1-16-C1-VOC	401-MA3-1-16-C2-VOC	401-MA3-1-17-C1-VOC	401-MA3-1-18-C5-VOC	401-MA3-1-18-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	9.9 - 10.4	4.7 - 5.2	7.2 - 7.7	4.5 - 5	5.3 - 5.8	7 - 7.5	5.1 - 5.6	6.1 - 6.6	13.2 - 13.7	5.5 - 6	2.3 - 2.8
Sample Date	(mg/kg)	(mg/kg)	1/23/2025	1/23/2025	1/23/2025	1/24/2025	1/24/2025	1/16/2025	1/22/2025	1/22/2025	1/22/2025	1/24/2025	1/24/2025
VOCs													
Benzene	280	0.5	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)	3.2 (0.78)	0.0028 (0.00048)	0.96 (0.032)
Cumene	10000	2500	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)	15 (1.6)	0.077 (0.00096)	0.16 (0.064)
1,2-Dibromoethane	3.7	0.005	U (0.00054)	U (0.036)	U (0.027)	U (0.00047)	U (0.00062)	U (0.033)	U (0.077)	U (0.069)	U (0.78)	U (0.00048)	U (0.00048)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.072)	U (0.055)	U (0.00095)	U (0.0012)	U (0.066)	U (0.15)	U (0.14)	U (1.6)	U (0.00096)	U (0.00096)
Ethyl Benzene	880	70	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)	14 (1.6)	0.0013 (0.00096)	0.13 (0.064)
Methyl tert-butyl ether	8500	2	U (0.0021)	U (0.14)	U (0.11)	U (0.0019)	U (0.0025)	U (0.13)	U (0.31)	U (0.28)	U (3.1)	0.0028 (0.0019)	U (0.0019)
Toluene	10000	100	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)	1.4 J (1.6)	0.0009 J (0.00096)	0.27 (0.064)
1,2,4-Trimethylbenzene	4700	300	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)	37 (3.1)	U (0.0019)	0.11 J (0.13)
1,3,5-Trimethylbenzene	4700	93	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)	21 (3.1)	U (0.0019)	0.026 J (0.13)
Xylenes (total)	7900	1000	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)	30.2 J (3.1)	0.0034 J (0.0019)	0.474 J (0.13)

Notes:

1 Concentrations are presented in mg/kg.
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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-20-d	401-MA3-1-21-b	401-MA3-1-21-c
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-20	401-MA3-1-21	401-MA3-1-21
Field Sample ID	Numeric Value	Groundwater	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-C4-VOC	401-MA3-1-21-C4-VOC	401-MA3-1-21-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	3 - 3.5	5.5 - 6	12.3 - 12.8
Sample Date	(mg/kg)	(mg/kg)	1/24/2025	1/24/2025	1/24/2025	1/20/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/27/2025	1/27/2025
VOCs													
Benzene	280	0.5	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)	0.00037 J (0.00052)	0.47 (0.034)	11 (0.15)
Cumene	10000	2500	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)	0.0043 (0.001)	4.7 (0.069)	8.7 (0.3)
1,2-Dibromoethane	3.7	0.005	U (0.00069)	U (0.039)	U (0.00055)	U (0.037)	U (0.064)	U (0.035)	U (0.029)	U (0.00053)	U (0.00052)	U (0.034)	U (0.15)
1,2-Dichloroethane	85	0.5	U (0.0014)	U (0.078)	U (0.0011)	U (0.073)	U (0.13)	U (0.071)	U (0.058)	U (0.001)	U (0.001)	U (0.069)	U (0.3)
Ethyl Benzene	880	70	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)	U (0.001)	0.22 (0.069)	69 (0.3)
Methyl tert-butyl ether	8500	2	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)	U (0.0021)	U (0.14)	U (0.6)
Toluene	10000	100	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)	U (0.001)	0.13 (0.069)	0.26 J (0.3)
1,2,4-Trimethylbenzene	4700	300	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)	0.00035 J (0.0021)	0.74 (0.14)	150 (1.2)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.0021)	0.11 J (0.14)	51 (0.6)
Xylenes (total)	7900	1000	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)	U (0.0021)	0.98 J (0.14)	182.2 J (1.2)

Notes:

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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:

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ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-23-c	401-MA3-1-23-d	401-MA3-1-23-d
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-23	401-MA3-1-23	401-MA3-1-23
Field Sample ID	Numeric Value	Groundwater	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-MA3-1-23-C5-VOC	401-MA3-1-23-C1-VOC	401-MA3-1-23-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	5.2 - 5.7	3.2 - 3.7	3.7 - 4.2
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/27/2025	1/27/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/20/2025	1/20/2025	1/20/2025
VOCs													
Benzene	280	0.5	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)	0.0034 (0.00053)	1.2 (0.049)	1.9 (0.048)
Cumene	10000	2500	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)	U (0.0011)	2.7 (0.099)	4 (0.096)
1,2-Dibromoethane	3.7	0.005	U (0.3)	U (1.6)	U (0.00052)	U (0.032)	U (0.036)	U (0.00057)	U (0.00052)	U (0.032)	U (0.00053)	U (0.049)	U (0.048)
1,2-Dichloroethane	85	0.5	U (0.6)	U (3.1)	U (0.001)	U (0.064)	U (0.072)	U (0.0011)	U (0.001)	U (0.064)	U (0.0011)	U (0.099)	U (0.096)
Ethyl Benzene	880	70	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)	U (0.0011)	0.39 (0.099)	0.6 (0.096)
Methyl tert-butyl ether	8500	2	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)	U (0.0021)	U (0.2)	U (0.19)
Toluene	10000	100	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)	U (0.0011)	0.14 (0.099)	0.23 (0.096)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.0021)	0.049 J (0.2)	0.058 J (0.19)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.0021)	0.15 J (0.2)	0.22 (0.19)
Xylenes (total)	7900	1000	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)	U (0.0021)	0.239 J (0.2)	0.49 J (0.19)

Notes:

1 Concentrations are presented in mg/kg.
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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-26-b	401-MA3-1-27-b	401-MA3-1-32-a
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-26	401-MA3-1-27	401-MA3-1-32
Field Sample ID	Numeric Value	Groundwater	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-MA3-1-26-C1-VOC	401-MA3-1-27-C1-VOC	401-MA3-1-32-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	6 - 6.5	2.5 - 3	7.9 - 8.4
Sample Date	(mg/kg)	(mg/kg)	1/20/2025	1/20/2025	1/30/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/21/2025	1/21/2025	1/30/2025
VOCs													
Benzene	280	0.5	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)	U (0.033)	0.014 J (0.032)	2.2 (0.16)
Cumene	10000	2500	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)	2.2 (0.065)	5.2 (0.064)	19 (0.33)
1,2-Dibromoethane	3.7	0.005	U (0.031)	U (0.03)	U (0.49)	U (0.00046)	U (0.029)	U (0.025)	U (0.047)	U (0.00047)	U (0.033)	U (0.00048)	U (0.16)
1,2-Dichloroethane	85	0.5	U (0.063)	U (0.061)	U (0.98)	U (0.00092)	U (0.058)	U (0.05)	U (0.094)	U (0.00095)	U (0.065)	U (0.00096)	U (0.33)
Ethyl Benzene	880	70	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)	U (0.065)	0.017 J (0.064)	32 (0.33)
Methyl tert-butyl ether	8500	2	U (0.12)	U (0.12)	U (2)	U (0.0018)	U (0.12)	U (0.1)	U (0.19)	U (0.0019)	U (0.13)	U (0.0019)	U (0.66)
Toluene	10000	100	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)	U (0.065)	0.037 J (0.064)	7 (0.33)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.13)	0.056 J (0.13)	190 (1.3)
1,3,5-Trimethylbenzene	4700	93	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)	0.014 J (0.13)	0.022 J (0.13)	70 (0.66)
Xylenes (total)	7900	1000	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)	U (0.13)	0.068 J (0.13)	249 J (0.66)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-41-d	401-MA3-1-41-d	401-MA3-1-42-b
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-41	401-MA3-1-41	401-MA3-1-42
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-41-C2-VOC	401-MA3-1-41-C3-VOC	401-MA3-1-42-C4-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	3 - 3.5	4.9 - 5.4	5 - 5.5
Sample Date	(mg/kg)	(mg/kg)	1/30/2025	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
VOCs													
Benzene	280	0.5	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)	0.076 (0.034)	0.13 (0.038)	0.11 (0.044)
Cumene	10000	2500	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)	1.5 (0.068)	5.4 (0.076)	19 (0.087)
1,2-Dibromoethane	3.7	0.005	U (0.029)	U (0.027)	U (0.0005)	U (0.03)	U (0.029)	U (0.041)	U (0.03)	U (0.00053)	U (0.0006)	U (0.038)	U (0.044)
1,2-Dichloroethane	85	0.5	U (0.057)	U (0.055)	U (0.001)	U (0.06)	U (0.058)	U (0.082)	U (0.059)	U (0.0011)	U (0.0012)	U (0.076)	U (0.087)
Ethyl Benzene	880	70	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)	0.33 (0.068)	0.14 (0.076)	0.25 (0.087)
Methyl tert-butyl ether	8500	2	U (0.11)	U (0.11)	U (0.002)	U (0.12)	U (0.12)	U (0.16)	U (0.12)	U (0.0021)	U (0.0024)	U (0.15)	U (0.17)
Toluene	10000	100	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)	0.18 (0.068)	0.2 (0.076)	0.39 (0.087)
1,2,4-Trimethylbenzene	4700	300	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)	1.4 (0.14)	1.1 (0.15)	9.2 (0.17)
1,3,5-Trimethylbenzene	4700	93	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)	0.088 J (0.14)	0.54 (0.15)	18 (0.17)
Xylenes (total)	7900	1000	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)	0.79 J (0.14)	1.09 J (0.15)	6.4 J (0.17)

Notes:

1 Concentrations are presented in mg/kg.
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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-43-d	401-MA3-1-44-b	401-MA3-1-44-d
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-43	401-MA3-1-44	401-MA3-1-44
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-43-C2-VOC	401-MA3-1-44-C1-VOC	401-MA3-1-44-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	2.5 - 3	0.2 - 0.7	2.5 - 3
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	1/24/2025
VOCs													
Benzene	280	0.5	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)	0.0023 (0.00058)	0.00032 J (0.00056)	1.6 (0.054)
Cumene	10000	2500	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)	0.00022 J (0.0012)	U (0.0011)	1.3 (0.11)
1,2-Dibromoethane	3.7	0.005	U (0.38)	U (0.062)	U (0.036)	U (0.0006)	U (0.039)	U (0.031)	U (0.00048)	U (0.32)	U (0.00058)	U (0.00056)	U (0.054)
1,2-Dichloroethane	85	0.5	U (0.75)	U (0.12)	U (0.072)	U (0.0012)	U (0.078)	U (0.062)	U (0.00096)	U (0.63)	U (0.0012)	U (0.0011)	U (0.11)
Ethyl Benzene	880	70	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)	0.00066 J (0.0012)	0.0003 J (0.0011)	1.7 (0.11)
Methyl tert-butyl ether	8500	2	U (1.5)	U (0.25)	U (0.14)	U (0.0024)	U (0.16)	U (0.12)	U (0.0019)	U (1.3)	0.0005 J (0.0023)	U (0.0022)	U (0.21)
Toluene	10000	100	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)	0.0013 (0.0012)	U (0.0011)	0.64 (0.11)
1,2,4-Trimethylbenzene	4700	300	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)	0.0011 J (0.0023)	U (0.0022)	0.26 (0.21)
1,3,5-Trimethylbenzene	4700	93	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)	0.00055 J (0.0023)	U (0.0022)	0.081 J (0.21)
Xylenes (total)	7900	1000	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)	0.00182 J (0.0023)	0.0028 J (0.0022)	0.729 J (0.21)

Notes:

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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:

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ft bgs -- Feet Below Ground Surface.
mg/kg -- Milligram per Kilogram.

Table 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-46-a	401-MA3-1-46-a	401-MA3-1-47-b
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-46	401-MA3-1-46	401-MA3-1-47
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-46-C1-VOC	401-MA3-1-46-C2-VOC	401-MA3-1-47-C2-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	4 - 4.5	4.5 - 5	1.5 - 2
Sample Date	(mg/kg)	(mg/kg)	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	1/17/2025	1/17/2025
VOCs													
Benzene	280	0.5	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)	0.01 J (0.029)	U (0.26)	0.36 (0.035)
Cumene	10000	2500	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)	2.6 (0.058)	19 (0.52)	7.3 (0.07)
1,2-Dibromoethane	3.7	0.005	U (0.048)	U (0.00075)	U (0.04)	U (0.00054)	U (0.035)	U (0.00052)	U (0.043)	U (0.072)	U (0.029)	U (0.26)	U (0.035)
1,2-Dichloroethane	85	0.5	U (0.096)	U (0.0015)	U (0.081)	U (0.0011)	U (0.071)	U (0.001)	U (0.086)	U (0.14)	U (0.058)	U (0.52)	U (0.07)
Ethyl Benzene	880	70	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)	U (0.058)	U (0.52)	0.27 (0.07)
Methyl tert-butyl ether	8500	2	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)	U (0.12)	U (1)	U (0.14)
Toluene	10000	100	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)	0.037 J (0.058)	U (0.52)	0.58 (0.07)
1,2,4-Trimethylbenzene	4700	300	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)	0.027 J (0.12)	U (1)	7.8 (0.14)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.12)	U (1)	3 (0.14)
Xylenes (total)	7900	1000	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)	U (0.12)	U (1)	5.88 J (0.14)

Notes:

1 Concentrations are presented in mg/kg.
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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-49-d	401-MA3-1-49-d	401-MA3-1-49-d
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-49	401-MA3-1-49	401-MA3-1-49
Field Sample ID	Numeric Value	Groundwater	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	401-MA3-1-49-C1-VOC	401-MA3-1-49-C2-VOC	401-MA3-1-49-C3-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	2.1 - 2.6	2.6 - 3.1	6 - 6.5
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	1/27/2025	1/27/2025	1/27/2025
VOCs													
Benzene	280	0.5	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)	1.2 (0.48)	6.9 (1.1)	0.29 (0.029)
Cumene	10000	2500	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)	6.8 (0.96)	62 (2.2)	3.1 (0.058)
1,2-Dibromoethane	3.7	0.005	U (0.031)	U (0.044)	U (0.00052)	U (0.00048)	U (0.00051)	U (0.035)	U (0.44)	U (0.00049)	U (0.48)	U (1.1)	U (0.029)
1,2-Dichloroethane	85	0.5	U (0.062)	U (0.088)	U (0.001)	U (0.00096)	U (0.001)	U (0.07)	U (0.89)	U (0.00098)	U (0.96)	U (2.2)	U (0.058)
Ethyl Benzene	880	70	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)	4.4 (0.96)	32 (2.2)	0.56 (0.058)
Methyl tert-butyl ether	8500	2	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)	U (1.9)	U (4.3)	U (0.12)
Toluene	10000	100	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)	1.9 (0.96)	7.9 (2.2)	0.3 (0.058)
1,2,4-Trimethylbenzene	4700	300	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)	8.2 (1.9)	23 (4.3)	0.14 (0.12)
1,3,5-Trimethylbenzene	4700	93	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)	17 (1.9)	83 (4.3)	0.96 (0.12)
Xylenes (total)	7900	1000	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)	7 J (1.9)	33.1 J (4.3)	1.48 J (0.12)

Notes:

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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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-MA3-1-56-a	401-MA3-1-56-c	401-MA3-1-57-a
Cell	Soil Direct Contact	Soil to	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-MA3-1-56	401-MA3-1-56	401-MA3-1-57
Field Sample ID	Numeric Value	Groundwater	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-MA3-1-56-C1-VOC	401-MA3-1-56-C2-VOC	401-MA3-1-57-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	1.5 - 2	3 - 3.5	0 - 0.5
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/27/2025	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/27/2025	1/27/2025	1/28/2025
VOCs													
Benzene	280	0.5	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)	0.98 (0.035)	U (0.25)	U (0.00057)
Cumene	10000	2500	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)	7.4 (0.07)	8.1 (0.5)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00046)	U (0.03)	U (0.034)	U (0.038)	U (0.039)	U (0.045)	U (0.032)	U (0.032)	U (0.035)	U (0.25)	U (0.00057)
1,2-Dichloroethane	85	0.5	U (0.00092)	U (0.06)	U (0.067)	U (0.076)	U (0.079)	U (0.09)	U (0.064)	U (0.063)	U (0.07)	U (0.5)	U (0.0011)
Ethyl Benzene	880	70	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)	14 (0.07)	0.96 (0.5)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0018)	U (0.12)	U (0.13)	U (0.15)	U (0.16)	U (0.18)	U (0.13)	U (0.13)	U (0.14)	U (0.99)	U (0.0023)
Toluene	10000	100	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)	0.11 (0.07)	U (0.5)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	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)	29 (1.4)	0.37 J (0.99)	U (0.0023)
1,3,5-Trimethylbenzene	4700	93	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)	4.6 (0.14)	U (0.99)	U (0.0023)
Xylenes (total)	7900	1000	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)	19.035 J (0.14)	U (0.99)	U (0.0023)

Notes:

1 Concentrations are presented in mg/kg.
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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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	401-MA3-1-59-d	401-MA3-1-59-d	401-MA3-1-60-a
Cell	Soil Direct Contact	Soil to	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	401-MA3-1-59	401-MA3-1-59	401-MA3-1-60
Field Sample ID	Numeric Value	Groundwater	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-C4-VOC	401-MA3-1-59-C5-VOC	401-MA3-1-60-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	2.3 - 2.8	3 - 3.5	0 - 0.5
Sample Date	(mg/kg)	(mg/kg)	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025
VOCs													
Benzene	280	0.5	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)	U (0.0007)	0.0034 (0.0004)	U (0.00071)
Cumene	10000	2500	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)	U (0.0014)	0.00071 J (0.0008)	U (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.00058)	U (0.00048)	U (0.00051)	U (0.035)	U (0.00072)	U (0.00064)	U (0.00054)	U (0.00056)	U (0.0007)	U (0.0004)	U (0.00071)
1,2-Dichloroethane	85	0.5	U (0.0012)	U (0.00096)	U (0.001)	U (0.07)	U (0.0014)	U (0.0013)	U (0.0011)	U (0.0011)	U (0.0014)	U (0.0008)	U (0.0014)
Ethyl Benzene	880	70	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)	U (0.0014)	U (0.0008)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.0019)	U (0.002)	U (0.14)	U (0.0029)	U (0.0026)	U (0.0021)	U (0.0022)	U (0.0028)	U (0.0016)	U (0.0028)
Toluene	10000	100	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)	U (0.0014)	0.00055 J (0.0008)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.0028)	0.00056 J (0.0016)	U (0.0028)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.0028)	0.00016 J (0.0016)	U (0.0028)
Xylenes (total)	7900	1000	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)	U (0.0028)	0.00469 J (0.0016)	U (0.0028)

Notes:

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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:

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mg/kg -- Milligram per Kilogram.

Table 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	401-MA3-1-60-a	401-MA3-1-60-a	401-MA3-1-61-a	401-MA3-1-68-a	401-MA3-1-69-a	401-MA3-1-70-c	401-MA3-1-72-a	401-MA3-1-72-a	401-MA3-1-72-a	402-MA3-1-03-c	403-MA3-1-01-a
Cell	Soil Direct Contact	Soil to	401-MA3-1-60	401-MA3-1-60	401-MA3-1-61	401-MA3-1-68	401-MA3-1-69	401-MA3-1-70	401-MA3-1-72	401-MA3-1-72	401-MA3-1-72	402-MA3-1-03	403-MA3-1-01
Field Sample ID	Numeric Value	Groundwater	401-MA3-1-60-C2-VOC	401-MA3-1-60-C3-VOC	401-MA3-1-61-C1-VOC	401-MA3-1-68-C1-VOC	401-MA3-1-69-C1-VOC	401-MA3-1-70-C1-VOC	401-MA3-1-72-C1-VOC	401-MA3-1-72-C2-VOC	401-MA3-1-72-C3-VOC	402-MA3-1-03-C1-VOC	403-MA3-1-01-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	1 - 1.5	2 - 2.5	0.5 - 1	1.9 - 2.4	1.3 - 1.8	2.2 - 2.7	4.8 - 5.3	5.3 - 5.8	6 - 6.5	0.5 - 1	6 - 6.5
Sample Date	(mg/kg)	(mg/kg)	1/29/2025	1/29/2025	1/21/2025	1/29/2025	1/21/2025	1/20/2025	1/29/2025	1/29/2025	1/29/2025	1/8/2025	1/9/2025
VOCs													
Benzene	280	0.5	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)	0.059 (0.037)	U (0.00045)	U (0.00055)
Cumene	10000	2500	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)	8.6 (0.074)	U (0.0009)	U (0.0011)
1,2-Dibromoethane	3.7	0.005	U (0.00057)	U (0.00077)	U (0.00072)	U (0.056)	U (0.00076)	U (0.00063)	U (0.032)	U (0.059)	U (0.037)	U (0.00045)	U (0.00055)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0015)	U (0.0014)	U (0.11)	U (0.0015)	U (0.0012)	U (0.064)	U (0.12)	U (0.074)	U (0.0009)	U (0.0011)
Ethyl Benzene	880	70	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)	0.078 (0.074)	U (0.0009)	U (0.0011)
Methyl tert-butyl ether	8500	2	U (0.0023)	U (0.0031)	U (0.0029)	U (0.22)	U (0.003)	U (0.0025)	U (0.13)	U (0.24)	U (0.15)	U (0.0018)	U (0.0022)
Toluene	10000	100	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)	0.042 J (0.074)	U (0.0009)	U (0.0011)
1,2,4-Trimethylbenzene	4700	300	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)	1.2 (0.15)	U (0.0018)	U (0.0022)
1,3,5-Trimethylbenzene	4700	93	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)	0.16 (0.15)	U (0.0018)	U (0.0022)
Xylenes (total)	7900	1000	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)	0.239 J (0.15)	U (0.0018)	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 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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	403-MA3-1-03-d	403-MA3-1-04-c	403-MA3-1-05-c	403-MA3-1-06-b	403-MA3-1-07-a	403-MA3-1-08-a	403-MA3-1-09-a	403-MA3-1-10-a	403-MA3-1-11-a	403-MA3-1-12-d	403-MA3-1-13-b
Cell	Soil Direct Contact	Soil to	403-MA3-1-03	403-MA3-1-04	403-MA3-1-05	403-MA3-1-06	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
Field Sample ID	Numeric Value	Groundwater	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	403-MA3-1-11-C1-VOC	403-MA3-1-12-C1-VOC	403-MA3-1-13-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	4.1 - 4.6	3.5 - 4	1.5 - 2
Sample Date	(mg/kg)	(mg/kg)	1/14/2025	1/9/2025	1/10/2025	1/10/2025	1/9/2025	1/14/2025	1/14/2025	1/9/2025	1/10/2025	1/10/2025	1/14/2025
VOCs													
Benzene	280	0.5	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)	16 (0.23)	2.1 (0.16)	0.00031 J (0.00071)
Cumene	10000	2500	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)	18 (0.47)	3.8 (0.31)	0.015 (0.0014)
1,2-Dibromoethane	3.7	0.005	U (0.00055)	U (0.00054)	U (0.21)	U (0.00044)	U (0.039)	U (0.00052)	U (0.00052)	U (0.053)	U (0.23)	U (0.16)	U (0.00071)
1,2-Dichloroethane	85	0.5	U (0.0011)	U (0.0011)	U (0.41)	U (0.00088)	U (0.079)	U (0.001)	U (0.001)	U (0.11)	U (0.47)	U (0.31)	U (0.0014)
Ethyl Benzene	880	70	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)	40 (0.47)	0.41 (0.31)	U (0.0014)
Methyl tert-butyl ether	8500	2	U (0.0022)	U (0.0021)	U (0.83)	U (0.0018)	U (0.16)	U (0.0021)	U (0.0021)	U (0.21)	U (0.94)	U (0.62)	U (0.0028)
Toluene	10000	100	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)	22 (0.47)	1.6 (0.31)	U (0.0014)
1,2,4-Trimethylbenzene	4700	300	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)	190 (2.3)	43 (0.62)	0.0063 (0.0028)
1,3,5-Trimethylbenzene	4700	93	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)	83 (0.94)	14 (0.62)	0.0012 J (0.0028)
Xylenes (total)	7900	1000	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)	333 J (0.94)	11.4 J (0.62)	0.0034 J (0.0028)

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 3.1h
Cut Soil Discrete Analytical Results - VOCs
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential	Non-Residential	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	404-MA3-1-05-d	404-MA3-1-06-a
Cell	Soil Direct Contact	Soil to	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	404-MA3-1-05	404-MA3-1-06
Field Sample ID	Numeric Value	Groundwater	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	404-MA3-1-05-C1-VOC	404-MA3-1-06-C1-VOC
Collection Depth (ft bgs)	(0-2 ft bgs)	Numeric Value	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	4.3 - 4.8	1 - 1.5
Sample Date	(mg/kg)	(mg/kg)	1/14/2025	1/10/2025	1/10/2025	1/14/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025	1/15/2025
VOCs												
Benzene	280	0.5	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)	U (0.0009)	U (0.00044)
Cumene	10000	2500	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)	U (0.0018)	U (0.00087)
1,2-Dibromoethane	3.7	0.005	U (0.00064)	U (0.023)	U (0.24)	U (0.00051)	U (0.00065)	U (0.00061)	U (0.039)	U (0.00058)	U (0.0009)	U (0.00044)
1,2-Dichloroethane	85	0.5	U (0.0013)	U (0.047)	U (0.47)	U (0.001)	U (0.0013)	U (0.0012)	U (0.078)	U (0.0012)	U (0.0018)	U (0.00087)
Ethyl Benzene	880	70	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)	U (0.0018)	U (0.00087)
Methyl tert-butyl ether	8500	2	U (0.0026)	U (0.094)	U (0.95)	U (0.002)	U (0.0026)	U (0.0024)	U (0.16)	U (0.0023)	U (0.0036)	U (0.0017)
Toluene	10000	100	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)	U (0.0018)	U (0.00087)
1,2,4-Trimethylbenzene	4700	300	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)	U (0.0036)	U (0.0017)
1,3,5-Trimethylbenzene	4700	93	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)	U (0.0036)	U (0.0017)
Xylenes (total)	7900	1000	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)	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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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-COMP	101-D14-C-COMP	101-D16-C-COMP	101-D20-C-COMP	101-E14-S-COMP	101-F13-C-COMP	101-G10-C-COMP	101-G16-C-COMP	101-G23-C-COMP	101-G24-C-COMP	101-G25-C-COMP	101-G26-C-COMP	101-H10-C-COMP
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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-COMP	103-E12-S-COMP	103-E13-S-COMP	103-E14-S-COMP	103-E15-S-COMP	103-F07-C-COMP	103-F11-C-COMP	103-F13-S-COMP	103-G07-C-COMP	103-G11-C-COMP	103-H01-C-COMP	103-H05-C-COMP	103-I05-C1-COMP
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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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:

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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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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-COMP	104-F21-S-COMP	104-F22-C-COMP	104-G15-C-COMP	104-G15-S-COMP	104-G18-C-COMP	104-G18-S-COMP	104-G19-S-COMP	104-G20-C-COMP	104-H15-C-COMP	104-H15-S-COMP	104-H16-C-COMP	104-H17-C-COMP
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
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-C1-COMP
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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-D05	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	5/4/2023	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	LS-A-D05	LS-A-D05	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	LS-A-D07-C5-COMP	LS-A-E02-C1-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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
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
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	LS-A-G01-C1-COMP	LS-A-G01-C2-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:
1 Concentrations are presented in mg/kg.
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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:
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Innovation Campus
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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)	Value	LS-A-H03-C1-COMP	LS-A-H03-C2-COMP	LS-A-H03-C3-COMP	LS-A-H04-C1-COMP	LS-A-H04-C2-COMP	LS-A-H04-C3-COMP	LS-A-H05-C1-COMP	LS-A-H05-C2-COMP	LS-A-H06-C1-COMP	LS-A-H07-C1-COMP	LS-A-I01-C1-COMP	LS-A-I02-C1-COMP	LS-A-I03-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/12/2023	5/12/2023	5/12/2023	5/18/2023	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
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:

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	LS-A-I03-C2	LS-A-I03-C3	LS-A-I03-C4	LS-A-I04-C1	LS-A-I04-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
Cell	Direct Contact Numeric	Groundwater Numeric	LS-A-I03	LS-A-I03	LS-A-I03	LS-A-I04	LS-A-I04	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-I03-C2-COMP	LS-A-I03-C3-COMP	LS-A-I03-C4-COMP	LS-A-I04-C1-COMP	LS-A-I04-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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:
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 3.2b
Cut Soil Composite Analytical Results - PAHs and Lead
Innovation Campus Parcel B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	ParcelB-01	ParcelB-02	ParcelB-03	ParcelB-04	ParcelB-05	ParcelB-06	ParcelB-06	ParcelB-07	ParcelB-08	ParcelB-09	ParcelB-10
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	ParcelB-11-C1 ParcelB-11 ParcelB-11-C1-COMP 1/3/2025	ParcelB-12-C1 ParcelB-12 ParcelB-12-C1-COMP 1/3/2025	ParcelB-13-C1 ParcelB-13 ParcelB-13-C1-COMP 1/3/2025	ParcelB-14-C1 ParcelB-14 ParcelB-14-C1-COMP 1/7/2025	ParcelB-15-C1 ParcelB-15 ParcelB-15-C1-COMP 1/7/2025	ParcelB-16-C1 ParcelB-16 ParcelB-16-C1-COMP 1/7/2025	ParcelB-17-C1 ParcelB-17 ParcelB-17-C1-COMP 1/7/2025	ParcelB-18-C1 ParcelB-18 ParcelB-18-C1-COMP 1/8/2025	ParcelB-19-C1 ParcelB-19 ParcelB-19-C1-COMP 1/8/2025	ParcelB-20-C1 ParcelB-20 ParcelB-20-C1-COMP 1/8/2025	ParcelB-21-C1 ParcelB-21 ParcelB-21-C1-COMP 1/8/2025
PAHs													
Anthracene	190000	350	U (0.12)	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	0.031 J (0.12)	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	U (0.16)	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	U (0.12)	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	U (0.16)	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	0.034 J (0.12)	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 (0.2)	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	U (0.04)	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	U (0.12)	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	0.046 J (0.12)	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	41.9 (4.7)	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
Innovation Campus Parcel B - March 2025 Sampled Areas
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	ParcelB-20-C1 ParcelB-20 ParcelB-20-C1-COMP-2 3/10/2025	ParcelB-20-C2 ParcelB-20 ParcelB-20-C2-COMP-2 3/10/2025
PAHs				
Anthracene	190000	350	0.0259 J (0.037)	0.0538 (0.035)
Benzo(a)anthracene	130	340	0.126 (0.037)	0.169 (0.035)
Benzo(a)pyrene	91	46	0.143 (0.037)	0.174 (0.035)
Benzo(b)fluoranthene	76	170	0.154 (0.037)	0.202 (0.035)
Benzo(g,h,i)perylene	190000	180	0.0974 (0.037)	0.121 (0.035)
Chrysene	760	230	0.126 (0.037)	0.168 (0.035)
Fluorene	130000	3800	U (0.037)	U (0.035)
Naphthalene	66	25	U (0.037)	U (0.035)
Phenanthrene	190000	10000	0.08 (0.037)	0.171 (0.035)
Pyrene	96000	2200	0.184 (0.037)	0.275 (0.035)
Metals				
Lead	1000	450	20.3 (2.3)	15.5 (2.3)

Notes:
1 Concentrations are presented in mg/kg.
2 No concentrations exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
3 No concentrations exceed the Non-Residential Soil to Groundwater Numeric Value.
4 No concentrations exceed 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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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)	2540 (2.4)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-A04-CX	201-A05-C1	201-A05-C2	201-A05-C3	201-A05-CX	201-A06-C1	201-A06-C2	201-A06-CX	201-A07-C1	201-A07-C2	201-A07-CX	201-A08-C1	201-A08-C2
Cell	Direct Contact Numeric	Groundwater Numeric	201-A04	201-A05	201-A05	201-A05	201-A05	201-A06	201-A06	201-A06	201-A07	201-A07	201-A07	201-A08	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-A08-CX	201-A09-C1	201-A09-C2	201-A09-CX	201-A10-C1	201-A10-C2	201-A10-CX	201-A11-C1	201-A11-C2	201-A11-CX	201-A12-C1	201-A12-C2	201-A12-CX
Cell	Direct Contact Numeric	Groundwater Numeric	201-A08	201-A09	201-A09	201-A09	201-A10	201-A10	201-A10	201-A11	201-A11	201-A11	201-A12	201-A12	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	201-B07	201-B07	201-B07	201-B08	201-B08	201-B08	201-B09	201-B09	201-B09	201-B10	201-B10	201-B10	201-B11
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	201-C03-C1-COMP	201-C03-C2-COMP	201-C03-CX-COMP	201-C04-C1-COMP	201-C04-C2-COMP	201-C04-CX-COMP	201-C05-C1-COMP	201-C05-C2-COMP	201-C05-CX-COMP	201-C06-C1-COMP	201-C06-C2-COMP	201-C06-CX-COMP	201-C07-C1-COMP
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-C07-C2	201-C07-CX	201-C08-C1	201-C08-C2	201-C08-CX	201-C09-C1	201-C09-C2	201-C09-CX	201-C10-C1	201-C10-C2	201-C10-CX	201-C11-C1	201-C11-C2
Cell	Direct Contact Numeric	Groundwater Numeric	201-C07	201-C07	201-C08	201-C08	201-C08	201-C09	201-C09	201-C09	201-C10	201-C10	201-C10	201-C11	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	201-C11	201-C11	201-D01	201-D01	201-D01	201-D02	201-D02	201-D02	201-D03	201-D03	201-D04	201-D04	201-D04
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	16700 (11.8)	17600 (13.4)	289 (2.28)	294 (4.51)	224 (2.27)	489 (2.43)	518 (2.32)	260 (2.26)	16.9 (2.46)	7.5 J (10.1)	258 (2.24)	808 (2.3)	145 (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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-D05-C1	201-D05-C2	201-D05-CX	201-D06-C1	201-D06-C2	201-D06-CX	201-D07-C1	201-D07-C2	201-D07-C3	201-D07-CX	201-D08-C1	201-D08-C2	201-D08-C3
Cell	Direct Contact Numeric	Groundwater Numeric	201-D05	201-D05	201-D05	201-D06	201-D06	201-D06	201-D07	201-D07	201-D07	201-D07	201-D08	201-D08	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-D08-CX	201-D09-C1	201-D09-C2	201-D09-C3	201-D09-CX	201-D10-C1	201-D10-C2	201-D10-CX	201-D11-C1	201-D11-C2	201-D11-CX	201-D12-C1	201-D12-CX
Cell	Direct Contact Numeric	Groundwater Numeric	201-D08	201-D09	201-D09	201-D09	201-D09	201-D10	201-D10	201-D10	201-D11	201-D11	201-D11	201-D12	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	39400 (26.3)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	201-E01-C1	201-E01-CX	201-E02-C1	201-E02-CX	201-E03-C1	201-E03-CX	201-E04-C1	201-E04-C2	201-E04-CX	201-E05-C1	201-E05-CX	201-F01-C1	201-F01-CX
Cell	Direct Contact Numeric	Groundwater Numeric	201-E01	201-E01	201-E02	201-E02	201-E03	201-E03	201-E04	201-E04	201-E04	201-E05	201-E05	201-F01	201-F01
Field Sample ID	Value (0-2 ft bgs)	Value	201-E01-C1-COMP	201-E01-CX-COMP	201-E02-C1-COMP	201-E02-CX-COMP	201-E03-C1-COMP	201-E03-CX-COMP	201-E04-C1-COMP	201-E04-C2-COMP	201-E04-CX-COMP	201-E05-C1-COMP	201-E05-CX-COMP	201-F01-C1-COMP	201-F01-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	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	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	Value (0-2 ft bgs)	Value	201-F02-C1-COMP	201-F02-CX-COMP	201-F03-C1-COMP	201-F03-C2-COMP	201-F03-CX-COMP	201-F04-C1-COMP	201-F04-CX-COMP	201-F05-C1-COMP	201-F05-CX-COMP	202-A01-C1-COMP	202-A01-C2-COMP	202-A01-C3-COMP	202-A01-CX-COMP
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-A02-C1	202-A02-CX	202-A03-C1	202-A03-C2	202-A03-C3	202-A03-CX	202-A04-C1	202-A04-C2	202-A04-C3	202-A04-CX	202-A05-C1	202-A05-C2	202-A05-CX
Cell	Direct Contact Numeric	Groundwater Numeric	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
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)	0.16 (0.15)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-A06	202-A06	202-A06	202-A06	202-A07	202-A07	202-A07	202-A07	202-A08	202-A08	202-A08	202-A09	202-A09
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-A09-C3	202-A09-CX	202-B01-C1	202-B01-C2	202-B01-C3	202-B01-CX	202-B02-C1	202-B02-C2	202-B02-C3	202-B02-CX	202-B03-C1	202-B03-C2	202-B03-C3
Cell	Direct Contact Numeric	Groundwater Numeric	202-A09	202-A09	202-B01	202-B01	202-B01	202-B01	202-B02	202-B02	202-B02	202-B02	202-B03	202-B03	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)
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)
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)
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)
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)
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)
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 (0.2)
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 (0.2)
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)
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)
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-B03-CX	202-B04-C1	202-B04-C2	202-B04-C3	202-B04-C4	202-B04-CX	202-B05-C1	202-B05-C2	202-B05-C3	202-B05-CX	202-B06-C1	202-B06-C2	202-B06-CX
Cell	Direct Contact Numeric	Groundwater Numeric	202-B03	202-B04	202-B04	202-B04	202-B04	202-B04	202-B05	202-B05	202-B05	202-B05	202-B06	202-B06	202-B06
Field Sample ID	Value (0-2 ft bgs)	Value	202-B03-CX-COMP	202-B04-C1-COMP	202-B04-C2-COMP	202-B04-C3-COMP	202-B04-C4-COMP	202-B04-CX-COMP	202-B05-C1-COMP	202-B05-C2-COMP	202-B05-C3-COMP	202-B05-CX-COMP	202-B06-C1-COMP	202-B06-C2-COMP	202-B06-CX-COMP
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	3/2/2022	3/2/2022	3/2/2022	3/1/2022	3/1/2022	3/1/2022
PAHs															
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-B07	202-B07	202-B07	202-B07	202-B08	202-B08	202-B08	202-B08	202-B09	202-B09	202-B09	202-B10	202-B10
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-B10	202-B10	202-C01	202-C01	202-C01	202-C01	202-C02	202-C02	202-C02	202-C02	202-C02	202-C03	202-C03
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-C03	202-C03	202-C03	202-C04	202-C04	202-C04	202-C04	202-C05	202-C05	202-C05	202-C05	202-C06	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-C06	202-C06	202-C07	202-C07	202-C07	202-C07	202-C07	202-C08	202-C08	202-C08	202-C08	202-C08	202-C09
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-C09-C2	202-C09-C3	202-C09-CX	202-C10-C1	202-C10-C2	202-C10-C3	202-C10-CX	202-C11-C1	202-C11-C2	202-C11-CX	202-C12-C1	202-C12-C2	202-C12-C3
Cell	Direct Contact Numeric	Groundwater Numeric	202-C09	202-C09	202-C09	202-C10	202-C10	202-C10	202-C10	202-C11	202-C11	202-C11	202-C12	202-C12	202-C12
Field Sample ID	Value (0-2 ft bgs)	Value	202-C09-C2-COMP	202-C09-C3-COMP	202-C09-CX-COMP	202-C10-C1-COMP	202-C10-C2-COMP	202-C10-C3-COMP	202-C10-CX-COMP	202-C11-C1-COMP	202-C11-C2-COMP	202-C11-CX-COMP	202-C12-C1-COMP	202-C12-C2-COMP	202-C12-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	3/1/2022	3/1/2022	3/1/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	2/28/2022	3/9/2022	3/9/2022	3/9/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-C12	202-C12	202-D01	202-D01	202-D01	202-D01	202-D01	202-D02	202-D02	202-D02	202-D02	202-D03	202-D03
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-D06	202-D06	202-D07	202-D07	202-D07	202-D07	202-D07	202-D08	202-D08	202-D08	202-D08	202-D09	202-D09
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-D09	202-D09	202-D09	202-E01	202-E01	202-E01	202-E01	202-E01	202-E02	202-E02	202-E02	202-E02	202-E03
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-E03-C2	202-E03-C3	202-E03-CX	202-E04-C1	202-E04-C2	202-E04-C3	202-E04-CX	202-E05-C1	202-E05-C2	202-E05-C3	202-E05-CX	202-E06-C1	202-E06-C2
Cell	Direct Contact Numeric	Groundwater Numeric	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	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-E06-C3	202-E06-CX	202-E07-C1	202-E07-C2	202-E07-C3	202-E07-CX	202-E08-C1	202-E08-C2	202-E08-C3	202-E08-C4	202-E08-CX	202-E09-C1	202-E09-C2
Cell	Direct Contact Numeric	Groundwater Numeric	202-E06	202-E06	202-E07	202-E07	202-E07	202-E07	202-E08	202-E08	202-E08	202-E08	202-E08	202-E09	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 (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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-E09	202-E09	202-E09	202-E10	202-E10	202-E10	202-E10	202-E10	202-E11	202-E11	202-E11	202-E11	202-E12
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-E12-C2	202-E12-C3	202-E12-CX	202-E13-C1	202-E13-C2	202-E13-C3	202-E13-C4	202-E13-CX	202-E14-C1	202-E14-C2	202-E14-C3	202-E14-CX	202-E15-C1
Cell	Direct Contact Numeric	Groundwater Numeric	202-E12	202-E12	202-E12	202-E13	202-E13	202-E13	202-E13	202-E13	202-E14	202-E14	202-E14	202-E14	202-E15
Field Sample ID	Value (0-2 ft bgs)	Value	202-E12-C2-COMP	202-E12-C3-COMP	202-E12-CX-COMP	202-E13-C1-COMP	202-E13-C2-COMP	202-E13-C3-COMP	202-E13-C4-COMP	202-E13-CX-COMP	202-E14-C1-COMP	202-E14-C2-COMP	202-E14-C3-COMP	202-E14-CX-COMP	202-E15-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	3/10/2022	3/10/2022	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	3/10/2022
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 (0.11)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-E15-C2	202-E15-C3	202-E15-CX	202-F01-C1	202-F01-CX	202-F02-C1	202-F02-C2	202-F02-C3	202-F02-CX	202-F03-C1	202-F03-C2	202-F03-C3	202-F03-CX
Cell	Direct Contact Numeric	Groundwater Numeric	202-E15	202-E15	202-E15	202-F01	202-F01	202-F02	202-F02	202-F02	202-F02	202-F03	202-F03	202-F03	202-F03
Field Sample ID	Value (0-2 ft bgs)	Value	202-E15-C2-COMP	202-E15-C3-COMP	202-E15-CX-COMP	202-F01-C1-COMP	202-F01-CX-COMP	202-F02-C1-COMP	202-F02-C2-COMP	202-F02-C3-COMP	202-F02-CX-COMP	202-F03-C1-COMP	202-F03-C2-COMP	202-F03-C3-COMP	202-F03-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/10/2022	3/10/2022	3/10/2022	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
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-F04	202-F04	202-F04	202-F04	202-F05	202-F05	202-F05	202-F05	202-F06	202-F06	202-F06	202-F06	202-F06
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(mg/kg)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-F10	202-F10	202-F10	202-F10	202-F11	202-F11	202-F11	202-F11	202-F12	202-F12	202-F12	202-F12	202-F13
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-F13	202-F13	202-F13	202-F13	202-F14	202-F14	202-F14	202-F14	202-F15	202-F15	202-F15	202-F15	202-F15
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(mg/kg)	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 (0.13)	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 (0.13)	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 (0.18)	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 (0.13)	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 (0.18)	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 (0.13)	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 (0.22)	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 (0.22)	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 (0.13)	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 (0.13)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-G02	202-G02	202-G02	202-G02	202-G02	202-G03	202-G03	202-G03	202-G03	202-G04	202-G04	202-G04	202-G04
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-G04-CX	202-G05-C1	202-G05-C2	202-G05-C3	202-G05-C4	202-G05-CX	202-G06-C1	202-G06-C2	202-G06-C3	202-G06-CX	202-G07-C1	202-G07-C2	202-G07-C3
Cell	Direct Contact Numeric	Groundwater Numeric	202-G04	202-G05	202-G05	202-G05	202-G05	202-G05	202-G06	202-G06	202-G06	202-G06	202-G07	202-G07	202-G07
Field Sample ID	Value (0-2 ft bgs)	Value	202-G04-CX-COMP	202-G05-C1-COMP	202-G05-C2-COMP	202-G05-C3-COMP	202-G05-C4-COMP	202-G05-CX-COMP	202-G06-C1-COMP	202-G06-C2-COMP	202-G06-C3-COMP	202-G06-CX-COMP	202-G07-C1-COMP	202-G07-C2-COMP	202-G07-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	3/11/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/15/2022	3/21/2022	3/21/2022	3/21/2022	3/21/2022	3/16/2022	3/16/2022	3/16/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-G07-CX	202-G08-C1	202-G08-C2	202-G08-C3	202-G08-CX	202-G09-C1	202-G09-C2	202-G09-C3	202-G09-CX	202-G10-C1	202-G10-C2	202-G10-CX	202-H01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	202-G07	202-G08	202-G08	202-G08	202-G08	202-G09	202-G09	202-G09	202-G09	202-G10	202-G10	202-G10	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(mg/kg)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-H07	202-H07	202-H07	202-H07	202-H08	202-H08	202-H08	202-H08	202-H08	202-H09	202-H09	202-H09	202-H09
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-H09-CX	202-H10-C1	202-H10-C2	202-H10-C3	202-H10-CX	202-H11-C1	202-H11-C2	202-H11-C3	202-H11-C4	202-H11-CX	202-I01-C1	202-I01-C2	202-I01-C3
Cell	Direct Contact Numeric	Groundwater Numeric	202-H09	202-H10	202-H10	202-H10	202-H10	202-H11	202-H11	202-H11	202-H11	202-H11	202-I01	202-I01	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-I01-CX	202-I02-C1	202-I02-C2	202-I02-C3	202-I02-C4	202-I02-CX	202-I03-C1	202-I03-C2	202-I03-CX	202-I04-C1	202-I04-C2	202-I04-C3	202-I04-CX
Cell	Direct Contact Numeric	Groundwater Numeric	202-I01	202-I02	202-I02	202-I02	202-I02	202-I02	202-I03	202-I03	202-I03	202-I04	202-I04	202-I04	202-I04
Field Sample ID	Value (0-2 ft bgs)	Value	202-I01-CX-COMP	202-I02-C1-COMP	202-I02-C2-COMP	202-I02-C3-COMP	202-I02-C4-COMP	202-I02-CX-COMP	202-I03-C1-COMP	202-I03-C2-COMP	202-I03-CX-COMP	202-I04-C1-COMP	202-I04-C2-COMP	202-I04-C3-COMP	202-I04-CX-COMP
Sample Date	(mg/kg)	(mg/kg)	3/18/2022	4/25/2022	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
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-I05-C1	202-I05-C2	202-I05-C3	202-I05-CX	202-I06-C1	202-I06-C2	202-I06-C3	202-I06-C4	202-I06-CX	202-I07-C1	202-I07-C2	202-I07-C3	202-I07-CX
Cell	Direct Contact Numeric	Groundwater Numeric	202-I05	202-I05	202-I05	202-I05	202-I06	202-I06	202-I06	202-I06	202-I06	202-I07	202-I07	202-I07	202-I07
Field Sample ID	Value (0-2 ft bgs)	Value	202-I05-C1-COMP	202-I05-C2-COMP	202-I05-C3-COMP	202-I05-CX-COMP	202-I06-C1-COMP	202-I06-C2-COMP	202-I06-C3-COMP	202-I06-C4-COMP	202-I06-CX-COMP	202-I07-C1-COMP	202-I07-C2-COMP	202-I07-C3-COMP	202-I07-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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	202-I08-C1	202-I08-C2	202-I08-CX	202-J01-C1	202-J01-C2	202-J01-C3	202-J01-C4	202-J01-CX	202-J02-C1	202-J02-C2	202-J02-C3	202-J02-C4	202-J02-CX
Cell	Direct Contact Numeric	Groundwater Numeric	202-I08	202-I08	202-I08	202-J01	202-J01	202-J01	202-J01	202-J01	202-J02	202-J02	202-J02	202-J02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(mg/kg)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-J06	202-J06	202-J07	202-J07	202-J07	202-J07	202-J08	202-J08	202-J08	202-J08	202-J09	202-J09	202-J09
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 (0.2)	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	202-J09	202-J09	301-A01	301-AA01	301-AA01	301-AA01	301-AA01	301-AA06	301-AA06	301-AA06	301-AA07	301-AA07	301-AA07
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-AA08-C1	301-AA08-C2	301-AA08-C3	301-AA09-C1	301-AA09-C2	301-AA09-C3	301-AA09-C4	301-AA09-C5	301-AB02-C1	301-AB02-C2	301-AB02-C3	301-AB02-C4	301-AB03-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-AA08	301-AA08	301-AA08	301-AA09	301-AA09	301-AA09	301-AA09	301-AA09	301-AB02	301-AB02	301-AB02	301-AB02	301-AB03
Field Sample ID	Value (0-2 ft bgs)	Value	301-AA08-C1-COMP	301-AA08-C2-COMP	301-AA08-C3-COMP	301-AA09-C1-COMP	301-AA09-C2-COMP	301-AA09-C3-COMP	301-AA09-C4-COMP	301-AA09-C5-COMP	301-AB02-C1-COMP	301-AB02-C2-COMP	301-AB02-C3-COMP	301-AB02-C4-COMP	301-AB03-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	5/25/2022	5/25/2022	5/25/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	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)	Value	301-AB03-C2-COMP	301-AB03-C3-COMP	301-AB03-C4-COMP	301-AB03-C5-COMP	301-AB04-C1-COMP	301-AB04-C2-COMP	301-AB04-C3-COMP	301-AB04-C4-COMP	301-AB06-C1-COMP	301-AB06-C2-COMP	301-AB06-C3-COMP	301-AB06-C4-COMP	301-AB06-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/2/2022	6/2/2022	6/2/2022	6/2/2022	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-AB07-C1	301-AB07-C2	301-AB07-C3	301-AB08-C1	301-AB08-C2	301-AB08-C3	301-AB08-C4	301-AB09-C1	301-AC04-C1	301-AC04-C2	301-AC04-C3	301-AC04-C4	301-AC04-C5
Cell	Direct Contact Numeric	Groundwater Numeric	301-AB07	301-AB07	301-AB07	301-AB08	301-AB08	301-AB08	301-AB08	301-AB09	301-AC04	301-AC04	301-AC04	301-AC04	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	301-AC05	301-AC05	301-AC05	301-AC05	301-AC05	301-AC06	301-AC06	301-AC06	301-AC06	301-AC06	301-AC07	301-AC07	301-AC07
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	301-AC07	301-AC07	301-AC08	301-AC08	301-AC08	301-AC08	301-AC08	301-AC09	301-AC09	301-AC09	301-B01	301-C01	301-C02
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	301-C02	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	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-E03-C1	301-F01-C1	301-F01-C2	301-F01-C3	301-F01-C4	301-F01-C5	301-F01-D1	301-F02-C1	301-F02-C2	301-G01-C1	301-G01-C2	301-G01-D1	301-G02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-E03	301-F01	301-F01	301-F01	301-F01	301-F01	301-F01	301-F02	301-F02	301-G01	301-G01	301-G01	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-G02-C2	301-G02-C3	301-G02-C4	301-G03-C1	301-G03-C2	301-G03-C3	301-G04-C1	301-H01-C1	301-H01-C2	301-H01-D1	301-H02-C1	301-H02-C2	301-H02-C3
Cell	Direct Contact Numeric	Groundwater Numeric	301-G02	301-G02	301-G02	301-G03	301-G03	301-G03	301-G04	301-H01	301-H01	301-H01	301-H02	301-H02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-H02-C4	301-H03-C1	301-H03-C2	301-H03-C3	301-I01-C1	301-I01-C2	301-I01-C3	301-I02-C1	301-I02-C2	301-I02-C3	301-I02-C4	301-I02-C5	301-I03-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-H02	301-H03	301-H03	301-H03	301-I01	301-I01	301-I01	301-I02	301-I02	301-I02	301-I02	301-I02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-J01-C1	301-J01-C2	301-J01-C3	301-J01-C4	301-J02-C1	301-J02-C2	301-J02-C3	301-J02-C4	301-K01-C1	301-K01-C2	301-K01-C3	301-K01-C4	301-K02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-J01	301-J01	301-J01	301-J01	301-J02	301-J02	301-J02	301-J02	301-K01	301-K01	301-K01	301-K01	301-K02
Field Sample ID	Value (0-2 ft bgs)	Value	301-J01-C1-COMP	301-J01-C2-COMP	301-J01-C3-COMP	301-J01-C4-COMP	301-J02-C1-COMP	301-J02-C2-COMP	301-J02-C3-COMP	301-J02-C4-COMP	301-K01-C1-COMP	301-K01-C2-COMP	301-K01-C3-COMP	301-K01-C4-COMP	301-K02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	6/3/2022	6/3/2022	6/3/2022	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
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-K02-C2	301-K02-C3	301-L02-C1	301-L02-C2	301-L02-C3	301-L02-C4	301-L03-C1	301-L03-C2	301-L03-C3	301-M02-C1	301-M02-C2	301-M02-C3	301-M02-C4
Cell	Direct Contact Numeric	Groundwater Numeric	301-K02	301-K02	301-L02	301-L02	301-L02	301-L02	301-L03	301-L03	301-L03	301-M02	301-M02	301-M02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-M03-C1	301-M03-C2	301-M04-C1	301-N02-C1	301-N02-C2	301-N02-C3	301-N02-C4	301-N02-D1	301-N03-C1	301-O02-C1	301-O02-C2	301-O02-C3	301-O02-D1
Cell	Direct Contact Numeric	Groundwater Numeric	301-M03	301-M03	301-M04	301-N02	301-N02	301-N02	301-N02	301-N02	301-N03	301-O02	301-O02	301-O02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-P02-C1	301-P02-C2	301-P02-C3	301-P02-C4	301-P02-C5	301-Q02-C1	301-Q02-C2	301-Q02-C3	301-Q03-C1	301-Q03-C2	301-Q04-C1	301-Q04-D1	301-R02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-P02	301-P02	301-P02	301-P02	301-P02	301-Q02	301-Q02	301-Q02	301-Q03	301-Q03	301-Q04	301-Q04	301-R02
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)	6/2/2022	6/2/2022	6/2/2022	6/2/2022	6/2/2022	5/19/2022	5/19/2022	5/19/2022	5/18/2022	5/18/2022	6/10/2022	3/31/2023	5/19/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-T04-C3	301-U04-C1	301-U04-C2	301-U04-C3	301-U04-C4	301-V04-C1	301-V04-C2	301-V04-C3	301-V04-C4	301-W03-C1	301-W03-C2	301-W03-C3	301-W04-C1
Cell	Direct Contact Numeric	Groundwater Numeric	301-T04	301-U04	301-U04	301-U04	301-U04	301-V04	301-V04	301-V04	301-V04	301-W03	301-W03	301-W03	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-X03-C1	301-X03-C2	301-X03-C3	301-X03-C4	301-Y03-C1	301-Y03-C2	301-Y03-C3	301-Y04-C1	301-Y04-C2	301-Y04-C3	301-Y04-C4	301-Y05-C1	301-Y05-C2
Cell	Direct Contact Numeric	Groundwater Numeric	301-X03	301-X03	301-X03	301-X03	301-Y03	301-Y03	301-Y03	301-Y04	301-Y04	301-Y04	301-Y04	301-Y05	301-Y05
Field Sample ID	Value (0-2 ft bgs)	Value	301-X03-C1-COMP	301-X03-C2-COMP	301-X03-C3-COMP	301-X03-C4-COMP	301-Y03-C1-COMP	301-Y03-C2-COMP	301-Y03-C3-COMP	301-Y04-C1-COMP	301-Y04-C2-COMP	301-Y04-C3-COMP	301-Y04-C4-COMP	301-Y05-C1-COMP	301-Y05-C2-COMP
Sample Date	(mg/kg)	(mg/kg)	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	5/25/2022	5/25/2022	6/9/2022	6/9/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	301-Z04-C1	301-Z04-C2	301-Z04-C3	301-Z04-C4	301-Z04-C5	301-Z05-C1	301-Z05-C2	301-Z05-C3	301-Z06-C1	301-Z06-C2	301-Z06-C3	301-Z06-C4	301-Z06-C5
Cell	Direct Contact Numeric	Groundwater Numeric	301-Z04	301-Z04	301-Z04	301-Z04	301-Z04	301-Z05	301-Z05	301-Z05	301-Z06	301-Z06	301-Z06	301-Z06	301-Z06
Field Sample ID	Value (0-2 ft bgs)	Value	301-Z04-C1-COMP	301-Z04-C2-COMP	301-Z04-C3-COMP	301-Z04-C4-COMP	301-Z04-C5-COMP	301-Z05-C1-COMP	301-Z05-C2-COMP	301-Z05-C3-COMP	301-Z06-C1-COMP	301-Z06-C2-COMP	301-Z06-C3-COMP	301-Z06-C4-COMP	301-Z06-C5-COMP
Sample Date	(mg/kg)	(mg/kg)	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	5/24/2022	5/24/2022	5/24/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	302-AD08	302-AD08	302-AD08	302-AD08	302-AD09	302-AD09	302-AD09	302-AD09	302-AD09	302-AD10	302-AD10	302-AD10	302-AD10
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AE09-C2	302-AE09-C3	302-AE09-C4	302-AE10-C1	302-AE10-C2	302-AE10-C3	302-AE10-C4	302-AF06-C1	302-AF06-C2	302-AF06-C3	302-AF06-C4	302-AF06-C5	302-AG07-C1
Cell	Direct Contact Numeric	Groundwater Numeric	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	Value (0-2 ft bgs)	Value	302-AE09-C2-COMP	302-AE09-C3-COMP	302-AE09-C4-COMP	302-AE10-C1-COMP	302-AE10-C2-COMP	302-AE10-C3-COMP	302-AE10-C4-COMP	302-AF06-C1-COMP	302-AF06-C2-COMP	302-AF06-C3-COMP	302-AF06-C4-COMP	302-AF06-C5-COMP	302-AG07-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	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
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AG07-C2	302-AG07-C3	302-AJ09-C1	302-AJ09-C2	302-AJ09-C3	302-AJ09-C4	302-AJ09-C5	302-AK06-C1	302-AK06-C2	302-AK06-C3	302-AK06-C4	302-AL06-C1	302-AL06-C2
Cell	Direct Contact Numeric	Groundwater Numeric	302-AG07	302-AG07	302-AJ09	302-AJ09	302-AJ09	302-AJ09	302-AJ09	302-AK06	302-AK06	302-AK06	302-AK06	302-AL06	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	302-AL06	302-AL06	302-AL06	302-AN02	302-AN02	302-AN02	302-AN02	302-AN02	302-AO03	302-AO03	302-AO03	302-AO03	302-AQ02
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	302-AQ02	302-AQ02	302-AQ02	302-AQ02	302-AR02	302-AR02	302-AR02	302-AR02	302-AS03	302-AS03	302-AS03	302-AV01	302-AV01
Field Sample ID	Value (0-2 ft bgs)	Value	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	(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
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)	U (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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	302-AV01	302-AV03	302-AV03	302-AV03	302-AV03	302-AW01	302-AW01	302-AW01	302-AW03	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	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
Cell	Direct Contact Numeric	Groundwater Numeric	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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
Cell	Direct Contact Numeric	Groundwater Numeric	302-AY06	302-AY06	302-AY06	302-AY06	302-AZ05	302-AZ05	302-AZ05	302-AZ05	302-BA05	302-BA05	302-BA05	302-BA05	302-BB06
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-BB06-C2	302-BB06-C3	302-BB06-C4	302-BC05-C1	302-BC05-C2	302-BC05-C3	302-BC05-C4	302-BC05-C5	302-BD05-C1	302-BD05-C2	302-BD05-C3	302-BD05-C4	302-BE04-C1
Cell	Direct Contact Numeric	Groundwater Numeric	302-BB06	302-BB06	302-BB06	302-BC05	302-BC05	302-BC05	302-BC05	302-BC05	302-BD05	302-BD05	302-BD05	302-BD05	302-BE04
Field Sample ID	Value (0-2 ft bgs)	Value	302-BB06-C2-COMP	302-BB06-C3-COMP	302-BB06-C4-COMP	302-BC05-C1-COMP	302-BC05-C2-COMP	302-BC05-C3-COMP	302-BC05-C4-COMP	302-BC05-C5-COMP	302-BD05-C1-COMP	302-BD05-C2-COMP	302-BD05-C3-COMP	302-BD05-C4-COMP	302-BE04-C1-COMP
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	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022
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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-AY01-C1	303-AY01-C2	303-AY01-C3	303-AZ01-C1	303-AZ01-C2	303-AZ01-C3	303-BA01-C1	303-BA01-C2	303-BA02-C1	303-BB01-C1	303-BB02-C1	303-BB02-C2	303-BB02-C3
Cell	Direct Contact Numeric	Groundwater Numeric	303-AY01	303-AY01	303-AY01	303-AZ01	303-AZ01	303-AZ01	303-BA01	303-BA01	303-BA02	303-BB01	303-BB02	303-BB02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BC01-C1	303-BC01-C2	303-BD01-C1	303-BD01-C2	303-BD04-C1	303-BD04-C2	303-BE01-C1	303-BE01-C2	303-BE03-C1	303-BE03-C2	303-BF01-C1	303-BF01-C2	303-BF05-C1
Cell	Direct Contact Numeric	Groundwater Numeric	303-BC01	303-BC01	303-BD01	303-BD01	303-BD04	303-BD04	303-BE01	303-BE01	303-BE03	303-BE03	303-BF01	303-BF01	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BF05-C2	303-BF05-C3	303-BF05-C4	303-BG01-C1	303-BG04-C1	303-BG04-C2	303-BG04-C3	303-BG04-C4	303-BH01-C1	303-BH02-C1	303-BH02-C2	303-BH02-C3	303-BH02-C4
Cell	Direct Contact Numeric	Groundwater Numeric	303-BF05	303-BF05	303-BF05	303-BG01	303-BG04	303-BG04	303-BG04	303-BG04	303-BH01	303-BH02	303-BH02	303-BH02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BH02-C5	303-BI01-C1	303-BI01-C2	303-BI03-C1	303-BI03-C2	303-BI03-C3	303-BI03-C4	303-BJ01-C1	303-BJ01-C2	303-BJ02-C1	303-BJ02-C2	303-BJ02-C3	303-BK01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	303-BH02	303-BI01	303-BI01	303-BI03	303-BI03	303-BI03	303-BI03	303-BJ01	303-BJ01	303-BJ02	303-BJ02	303-BJ02	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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BK03-C1	303-BK03-C2	303-BK03-C3	303-BL02-C1	303-BL02-C2	303-BL02-C3	303-BM02-C1	303-BM02-C2	303-BM02-C3	303-BN02-C1	303-BN02-C2	303-BN02-C3	303-BN03-C1
Cell	Direct Contact Numeric	Groundwater Numeric	303-BK03	303-BK03	303-BK03	303-BL02	303-BL02	303-BL02	303-BM02	303-BM02	303-BM02	303-BN02	303-BN02	303-BN02	303-BN03
Field Sample ID	Value (0-2 ft bgs)	Value	303-BK03-C1-COMP	303-BK03-C2-COMP	303-BK03-C3-COMP	303-BL02-C1-COMP	303-BL02-C2-COMP	303-BL02-C3-COMP	303-BM02-C1-COMP	303-BM02-C2-COMP	303-BM02-C3-COMP	303-BN02-C1-COMP	303-BN02-C2-COMP	303-BN02-C3-COMP	303-BN03-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	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	6/16/2022	6/20/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BO02-C1	303-BO02-C2	303-BO02-C3	303-BP02-C1	303-BP02-C2	303-BP02-C3	303-BQ01-C1	303-BQ02-C1	303-BQ02-C2	303-BQ02-C3	303-BR02-C1	303-BR02-C2	303-BS02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	303-BO02	303-BO02	303-BO02	303-BP02	303-BP02	303-BP02	303-BQ01	303-BQ02	303-BQ02	303-BQ02	303-BR02	303-BR02	303-BS02
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)	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	6/16/2022	6/16/2022	6/16/2022
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:

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 3.2d
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1A
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	303-BS02-C2	303-BS03-C1	303-BT01-C1	303-BT01-C2	303-BT01-C3	303-BU01-C1	303-BU01-C2	303-BV01-C1	303-BW01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	303-BS02	303-BS03	303-BT01	303-BT01	303-BT01	303-BU01	303-BU01	303-BV01	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:
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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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
Field Sample ID			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
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
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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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
Cell			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
Field Sample ID			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
Sample Date			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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
Field Sample ID			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
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
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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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	6160 (2.53)	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)	656 (2.22)	7.15 (2.24)

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			302-AH06	302-AH06	302-AH06	302-AH06	302-AH07	302-AH07	302-AH07	302-AH07	302-AH08	302-AH08	302-AH08	302-AH09	302-AI05
Field Sample ID			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-AH09-C1-COMP	302-AI05-C1-COMP
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
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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			302-AL05	302-AL05	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			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
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
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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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
Cell			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			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
Sample Date			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:
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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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			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
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
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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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 (0.2)	U (0.22)	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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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 3.2e
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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
Cell			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
Field Sample ID			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
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	9/14/2022	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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:
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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	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			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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	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			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			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:

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 1B
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-BB08-C3	302-BC04-C1	302-BC06-C1	302-BC06-C2	302-BC06-C3
Cell			302-BB08	302-BC04	302-BC06	302-BC06	302-BC06
Field Sample ID			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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	301-AC01-C1	301-AC01-C2	301-AC01-C3	301-AC01-C4	301-AC01-C5	301-L01-C1	301-T03-C1	301-T03-C2	301-T03-C3	301-T03-C4	301-T03-C5	302-AD01-C1
Cell			301-AC01	301-AC01	301-AC01	301-AC01	301-AC01	301-L01	301-T03	301-T03	301-T03	301-T03	301-T03	302-AD01
Field Sample ID			301-AC01-C1-COMP	301-AC01-C2-COMP	301-AC01-C3-COMP	301-AC01-C4-COMP	301-AC01-C5-COMP	301-L01-C1-COMP	301-T03-C1-COMP	301-T03-C2-COMP	301-T03-C3-COMP	301-T03-C4-COMP	301-T03-C5-COMP	302-AD01-C1-COMP
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
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:

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
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AD01-C2	302-AD01-C3	302-AD02-C1	302-AD02-C2	302-AD02-C3	302-AD02-C4	302-AD02-C5	302-AE01-C1	302-AE01-C2	302-AE01-C3	302-AE01-C4	302-AE01-C5
Cell			302-AD01	302-AD01	302-AD02	302-AD02	302-AD02	302-AD02	302-AD02	302-AE01	302-AE01	302-AE01	302-AE01	302-AE01
Field Sample ID			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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AE02-C1	302-AE02-C2	302-AE02-C3	302-AE02-C4	302-AF01-C1	302-AF01-C2	302-AF01-C3	302-AF02-C1	302-AF02-C2	302-AF02-C3	302-AF02-C4	302-AG01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	302-AE02	302-AE02	302-AE02	302-AE02	302-AF01	302-AF01	302-AF01	302-AF02	302-AF02	302-AF02	302-AF02	302-AG01
Field Sample ID	Value (0-2 ft bgs)	Value	302-AE02-C1-COMP	302-AE02-C2-COMP	302-AE02-C3-COMP	302-AE02-C4-COMP	302-AF01-C1-COMP	302-AF01-C2-COMP	302-AF01-C3-COMP	302-AF02-C1-COMP	302-AF02-C2-COMP	302-AF02-C3-COMP	302-AF02-C4-COMP	302-AG01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	11/8/2022	11/8/2022	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
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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AG01-C2	302-AG01-C3	302-AG01-C4	302-AG01-C5	302-AG02-C1	302-AG02-C2	302-AG02-C3	302-AG02-C4	302-AH01-C1	302-AH01-C2	302-AH01-C3	302-AH02-C1
Cell			302-AG01	302-AG01	302-AG01	302-AG01	302-AG02	302-AG02	302-AG02	302-AG02	302-AH01	302-AH01	302-AH01	302-AH02
Field Sample ID			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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AH02-C2	302-AH02-C3	302-AH02-C4	302-AH03-C1	302-AH03-C2	302-AH03-C3	302-AH03-C4	302-AI01-C1	302-AI02-C1	302-AI02-C2	302-AI02-C3	302-AI02-C4
Cell			302-AH02	302-AH02	302-AH02	302-AH03	302-AH03	302-AH03	302-AH03	302-AI01	302-AI02	302-AI02	302-AI02	302-AI02
Field Sample ID			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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	302-AI02-C5	302-AI03-C1	302-AI03-C2	302-AI03-C3	302-AI03-C4	302-AI04-C1	302-AI04-C2	302-AI04-C3	302-AI04-C4	302-AJ03-C1	302-AJ03-C2	302-AJ03-C3
Cell	Direct Contact Numeric	Groundwater Numeric	302-AI02	302-AI03	302-AI03	302-AI03	302-AI03	302-AI04	302-AI04	302-AI04	302-AI04	302-AJ03	302-AJ03	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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AJ03-C4	302-AK02-C1	302-AK02-C2	302-AK02-C3	302-AK02-C4	302-AL02-C1	302-AL02-C2	302-AL02-C3	302-AL02-C4	302-AM01-C1	302-AM01-C2	302-AM01-C3
Cell			302-AJ03	302-AK02	302-AK02	302-AK02	302-AK02	302-AL02	302-AL02	302-AL02	302-AL02	302-AM01	302-AM01	302-AM01
Field Sample ID			302-AJ03-C4-COMP	302-AK02-C1-COMP	302-AK02-C2-COMP	302-AK02-C3-COMP	302-AK02-C4-COMP	302-AL02-C1-COMP	302-AL02-C2-COMP	302-AL02-C3-COMP	302-AL02-C4-COMP	302-AM01-C1-COMP	302-AM01-C2-COMP	302-AM01-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	10/26/2022	10/25/2022	10/25/2022	10/25/2022	10/25/2022	11/11/2022	11/11/2022	11/11/2022	11/11/2022	10/24/2022	10/24/2022	10/24/2022
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 3.2f
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AM01-C4	302-AO01-C1
Cell			302-AM01	302-AO01
Field Sample ID			302-AM01-C4-COMP	302-AO01-C1-COMP
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 3.2g
Cut Soil Composite Analytical Results - PAHs and Lead
Industrial Development Phase 1C - March 2025 Sampled Areas
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs)	Non-Residential Soil to Groundwater Numeric Value	302-AL01-C1 302-AL01	302-AL01-C2 302-AL01	302-AL01-C3 302-AL01
Field Sample ID			302-AL01-C1-COMP	302-AL01-C2-COMP	302-AL01-C3-COMP
Sample Date	(mg/kg)	(mg/kg)	3/10/2025	3/10/2025	3/10/2025
PAHs					
Anthracene	190000	350	0.0376 (0.035)	0.0302 J (0.048)	U (0.047)
Benzo(a)anthracene	130	340	0.163 (0.035)	0.136 (0.048)	0.072 (0.047)
Benzo(a)pyrene	91	46	0.143 (0.035)	0.142 (0.048)	0.0853 (0.047)
Benzo(b)fluoranthene	76	170	0.15 (0.035)	0.158 (0.048)	0.0958 (0.047)
Benzo(g,h,i)perylene	190000	180	0.0753 (0.035)	0.0894 (0.048)	0.0581 (0.047)
Chrysene	760	230	0.149 (0.035)	0.142 (0.048)	0.0705 (0.047)
Fluorene	130000	3800	U (0.035)	U (0.048)	U (0.047)
Naphthalene	66	25	U (0.035)	U (0.048)	U (0.047)
Phenanthrene	190000	10000	0.181 (0.035)	0.115 (0.048)	0.0542 (0.047)
Pyrene	96000	2200	0.303 (0.035)	0.196 (0.048)	0.101 (0.047)
Metals					
Lead	1000	450	87.5 (2.1)	177 (1.9)	220 (2)

Notes:
1 Concentrations are presented in mg/kg.
2 No concentrations exceed the Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs).
3 No concentrations exceed 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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-A01-C1	401-B01-C1	401-B01-C2	401-C01-C1	401-C01-C2	401-C01-C3	401-C01-C4	401-C01-C5	401-D01-C1	401-D01-C2
Cell	Direct Contact Numeric	Groundwater Numeric	401-A01	401-B01	401-B01	401-C01	401-C01	401-C01	401-C01	401-C01	401-D01	401-D01
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
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
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-D01-C3	401-D01-C4	401-D02-C1	401-D02-C2	401-D02-C3	401-D02-C4	401-D02-C5	401-E01-C1	401-E01-C2	401-E01-C3
Cell	Direct Contact Numeric	Groundwater Numeric	401-D01	401-D01	401-D02	401-D02	401-D02	401-D02	401-D02	401-E01	401-E01	401-E01
Field Sample ID	Value (0-2 ft bgs)	Value	401-D01-C3-COMP	401-D01-C4-COMP	401-D02-C1-COMP	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
Sample Date	(mg/kg)	(mg/kg)	8/14/2024	8/14/2024	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/13/2024	8/14/2024	8/14/2024	8/14/2024
PAHs												
Anthracene	190000	350	0.12 (0.11)	0.046 J (0.11)	0.051 J (0.11)	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)
Benzo(a)anthracene	130	340	0.075 J (0.11)	0.03 J (0.11)	0.17 (0.11)	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)
Benzo(a)pyrene	91	46	0.074 J (0.15)	U (0.15)	0.26 (0.14)	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)
Benzo(b)fluoranthene	76	170	0.085 J (0.11)	0.044 J (0.11)	0.24 (0.11)	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)
Benzo(g,h,i)perylene	190000	180	0.062 J (0.15)	0.043 J (0.15)	0.32 (0.14)	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)
Chrysene	760	230	0.15 (0.11)	0.07 J (0.11)	0.19 (0.11)	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)
Fluorene	130000	3800	0.38 (0.18)	0.12 J (0.19)	U (0.18)	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)
Naphthalene	66	25	0.38 (0.037)	0.41 (0.038)	0.14 (0.035)	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)
Phenanthrene	190000	10000	0.97 (0.11)	0.29 (0.11)	0.13 (0.11)	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)
Pyrene	96000	2200	0.13 (0.11)	0.053 J (0.11)	0.23 (0.11)	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)
Metals												
Lead	1000	450	50 (4.24)	117 (4.56)	757 (8.45)	1270 (4.44)	479 (4.5)	408 (4.48)	90.2 (4.59)	134 (4.32)	451 (4.37)	74.3 (4.37)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-E02-C1	401-E02-C2	401-F01-C1	401-F01-C2	401-F01-C3	401-G01-C1	401-G01-C2	401-H01-C1	401-H01-C2	401-H02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-E02	401-E02	401-F01	401-F01	401-F01	401-G01	401-G01	401-H01	401-H01	401-H02
Field Sample ID	Value (0-2 ft bgs)	Value	401-E02-C1-COMP	401-E02-C2-COMP	401-F01-C1-COMP	401-F01-C2-COMP	401-F01-C3-COMP	401-G01-C1-COMP	401-G01-C2-COMP	401-H01-C1-COMP	401-H01-C2-COMP	401-H02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/13/2024	8/13/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/8/2024	8/13/2024
PAHs												
Anthracene	190000	350	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)	0.17 (0.12)	0.18 (0.11)	0.56 (0.11)	0.15 (0.12)
Benzo(a)anthracene	130	340	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)	0.21 (0.12)	0.82 (0.11)	1.5 (0.11)	0.16 (0.12)
Benzo(a)pyrene	91	46	0.51 (0.15)	0.3 (0.17)	0.39 (0.15)	0.11 J (0.15)	U (0.16)	0.38 (0.15)	0.24 (0.16)	0.75 (0.15)	1.5 (0.15)	0.14 J (0.16)
Benzo(b)fluoranthene	76	170	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)	0.29 (0.12)	0.97 (0.11)	1.9 (0.11)	0.17 (0.12)
Benzo(g,h,i)perylene	190000	180	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)	0.22 (0.16)	0.44 (0.15)	1 (0.15)	0.099 J (0.16)
Chrysene	760	230	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)	0.3 (0.12)	0.75 (0.11)	1.5 (0.11)	0.15 (0.12)
Fluorene	130000	3800	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)	1.2 (0.2)	0.032 J (0.19)	0.18 J (0.19)	0.14 J (0.2)
Naphthalene	66	25	0.068 (0.037)	0.65 (0.042)	0.033 J (0.037)	U (0.038)	U (0.039)	0.41 (0.037)	0.12 (0.041)	0.087 (0.038)	0.14 (0.038)	0.079 (0.04)
Phenanthrene	190000	10000	0.63 (0.11)	0.51 (0.12)	0.23 (0.11)	0.68 (0.11)	0.62 (0.12)	3 (0.11)	2.3 (0.12)	0.44 (0.11)	2.3 (0.11)	0.56 (0.12)
Pyrene	96000	2200	0.69 (0.11)	0.43 (0.12)	0.5 (0.11)	0.21 (0.11)	0.21 (0.12)	0.45 (0.11)	0.3 (0.12)	1.5 (0.11)	2.8 (0.11)	0.35 (0.12)
Metals												
Lead	1000	450	22.4 (4.33)	147 (4.85)	206 (22.4)	57.2 (4.61)	56.8 (4.5)	977 (4.36)	524 (4.63)	376 (4.64)	405 (4.44)	132 (4.6)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-H02-C2	401-I01-C1	401-J01-C1	401-J01-C2	401-K01-C1	401-K01-C2	401-K01-C3	401-K01-C4	401-L01-C1	401-L02-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-H02	401-I01	401-J01	401-J01	401-K01	401-K01	401-K01	401-K01	401-L01	401-L02
Field Sample ID	Value (0-2 ft bgs)	Value	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	401-L02-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	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	8/12/2024
PAHs												
Anthracene	190000	350	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)	1.9 (1.2)
Benzo(a)anthracene	130	340	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)	0.39 J (1.2)
Benzo(a)pyrene	91	46	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)	U (1.5)
Benzo(b)fluoranthene	76	170	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)	0.57 J (1.2)
Benzo(g,h,i)perylene	190000	180	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)	0.43 J (1.5)
Chrysene	760	230	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)	0.57 J (1.2)
Fluorene	130000	3800	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)	5.6 (1.9)
Naphthalene	66	25	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)	1.6 (0.39)
Phenanthrene	190000	10000	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)	14 (1.2)
Pyrene	96000	2200	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)	1.2 (1.2)
Metals												
Lead	1000	450	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)	295 (4.56)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-L02-C2	401-M01-C1	401-M01-C2	401-N01-C1	401-N01-C2	401-O01-C1	401-O01-C2	401-P01-C1	401-P01-C2	401-Q01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-L02	401-M01	401-M01	401-N01	401-N01	401-O01	401-O01	401-P01	401-P01	401-Q01
Field Sample ID	Value (0-2 ft bgs)	Value	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
Sample Date	(mg/kg)	(mg/kg)	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
PAHs												
Anthracene	190000	350	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)
Benzo(a)anthracene	130	340	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)
Benzo(a)pyrene	91	46	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)
Benzo(b)fluoranthene	76	170	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)
Benzo(g,h,i)perylene	190000	180	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)
Chrysene	760	230	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)
Fluorene	130000	3800	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)
Naphthalene	66	25	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)
Phenanthrene	190000	10000	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)
Pyrene	96000	2200	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)
Metals												
Lead	1000	450	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)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-Q01-C2	401-Q01-C3	401-R01-C1	401-R01-C2	401-R01-C3	401-R01-C4	402-A01-C1	402-B01-C1	402-C01-C1	403-A01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-Q01	401-Q01	401-R01	401-R01	401-R01	401-R01	402-A01	402-B01	402-C01	403-A01
Field Sample ID	Value (0-2 ft bgs)	Value	401-Q01-C2-COMP	401-Q01-C3-COMP	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
Sample Date	(mg/kg)	(mg/kg)	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/12/2024	8/16/2024	8/16/2024	8/16/2024	8/7/2024
PAHs												
Anthracene	190000	350	2.2 (1.2)	0.54 (0.12)	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)
Benzo(a)anthracene	130	340	1.7 (1.2)	0.3 (0.12)	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)
Benzo(a)pyrene	91	46	1.2 J (1.6)	0.15 J (0.16)	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)
Benzo(b)fluoranthene	76	170	1.6 (1.2)	0.22 (0.12)	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)
Benzo(g,h,i)perylene	190000	180	0.7 J (1.6)	0.069 J (0.16)	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)
Chrysene	760	230	1.8 (1.2)	0.32 (0.12)	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)
Fluorene	130000	3800	1.6 J (2)	0.8 (0.2)	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)
Naphthalene	66	25	1.4 (0.39)	0.51 (0.041)	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)
Phenanthrene	190000	10000	4.4 (1.2)	2 (0.12)	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)
Pyrene	96000	2200	2.8 (1.2)	0.83 (0.12)	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)
Metals												
Lead	1000	450	302 (4.54)	33.8 (4.81)	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)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	403-A01-C2	403-B01-C1	403-B01-C2	403-B01-C3	403-B01-C4	403-B01-C5	403-C01-C1	403-C01-C2	403-C01-C3	403-C01-C4
Cell	Direct Contact Numeric	Groundwater Numeric	403-A01	403-B01	403-B01	403-B01	403-B01	403-B01	403-C01	403-C01	403-C01	403-C01
Field Sample ID	Value (0-2 ft bgs)	Value	403-A01-C2-COMP	403-B01-C1-COMP	403-B01-C2-COMP	403-B01-C3-COMP	403-B01-C4-COMP	403-B01-C5-COMP	403-C01-C1-COMP	403-C01-C2-COMP	403-C01-C3-COMP	403-C01-C4-COMP
Sample Date	(mg/kg)	(mg/kg)	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024
PAHs												
Anthracene	190000	350	U (0.14)	U (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	0.096 J (0.11)	0.064 J (0.13)	3.4 (2.3)
Benzo(a)anthracene	130	340	U (0.14)	0.046 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.02 J (0.11)	0.22 (0.11)	0.082 J (0.13)	4.2 (2.3)
Benzo(a)pyrene	91	46	U (0.18)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.14)	U (0.15)	0.3 (0.15)	0.11 J (0.17)	3.6 (3.1)
Benzo(b)fluoranthene	76	170	U (0.14)	0.035 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	U (0.11)	0.26 (0.11)	U (0.13)	3.3 (2.3)
Benzo(g,h,i)perylene	190000	180	U (0.18)	U (0.15)	U (0.16)	U (0.16)	U (0.15)	U (0.14)	U (0.15)	0.35 (0.15)	U (0.17)	2.5 J (3.1)
Chrysene	760	230	U (0.14)	0.081 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.028 J (0.11)	0.5 (0.11)	0.21 (0.13)	6.1 (2.3)
Fluorene	130000	3800	U (0.22)	U (0.19)	U (0.21)	U (0.2)	U (0.19)	U (0.18)	U (0.18)	0.15 J (0.18)	0.14 J (0.22)	4.7 (3.8)
Naphthalene	66	25	U (0.045)	U (0.038)	U (0.041)	U (0.039)	U (0.038)	U (0.036)	U (0.036)	0.045 (0.036)	U (0.043)	2.2 (0.77)
Phenanthrene	190000	10000	U (0.14)	0.074 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.053 J (0.11)	0.16 (0.11)	0.26 (0.13)	17 (2.3)
Pyrene	96000	2200	U (0.14)	0.092 J (0.12)	U (0.12)	U (0.12)	U (0.11)	U (0.11)	0.034 J (0.11)	0.43 (0.11)	0.23 (0.13)	8.9 (2.3)
Metals												
Lead	1000	450	11.5 (5.3)	126 (4.57)	8.92 (4.77)	42 (4.49)	6.52 (4.59)	5.73 (4.2)	72.9 (8.83)	219 (4.37)	27.4 (10.1)	1140 (4.64)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	403-C01-C5	403-C02-C1	403-D01-C1	403-D01-C2	403-D01-C3	403-E01-C1	403-F01-C1	403-G01-C1	404-A01-C1	404-B01-C1
Cell	Direct Contact Numeric	Groundwater Numeric	403-C01	403-C02	403-D01	403-D01	403-D01	403-E01	403-F01	403-G01	404-A01	404-B01
Field Sample ID	Value (0-2 ft bgs)	Value	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	404-A01-C1-COMP	404-B01-C1-COMP
Sample Date	(mg/kg)	(mg/kg)	8/6/2024	8/7/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/14/2024	8/15/2024
PAHs												
Anthracene	190000	350	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)	0.5 (0.12)	0.26 (0.12)
Benzo(a)anthracene	130	340	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)	0.71 (0.12)	0.58 (0.12)
Benzo(a)pyrene	91	46	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)	0.52 (0.15)	0.44 (0.17)
Benzo(b)fluoranthene	76	170	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)	0.5 (0.12)	0.48 (0.12)
Benzo(g,h,i)perylene	190000	180	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)	0.37 (0.15)	0.31 (0.17)
Chrysene	760	230	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)	1.2 (0.12)	1.1 (0.12)
Fluorene	130000	3800	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)	0.48 (0.19)	0.14 J (0.21)
Naphthalene	66	25	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)	0.77 (0.039)	0.2 (0.042)
Phenanthrene	190000	10000	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)	0.55 (0.12)	0.46 (0.12)
Pyrene	96000	2200	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)	3.4 (0.12)	1.8 (0.12)
Metals												
Lead	1000	450	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)	279 (4.45)	204 (5.01)

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:
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Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	404-B02-C1	404-C01-C1	404-D01-C1	404-E01-C1	404-F01-C1	401-MA3-1-01-C1	401-MA3-1-02-C1	401-MA3-1-02-C2	401-MA3-1-03-C1	401-MA3-1-03-C2
Cell	Direct Contact Numeric	Groundwater Numeric	404-B02	404-C01	404-D01	404-E01	404-F01	401-MA3-1-01	401-MA3-1-02	401-MA3-1-02	401-MA3-1-03	401-MA3-1-03
Field Sample ID	Value (0-2 ft bgs)	Value	404-B02-C1-COMP	404-C01-C1-COMP	404-D01-C1-COMP	404-E01-C1-COMP	404-F01-C1-COMP	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
Sample Date	(mg/kg)	(mg/kg)	8/15/2024	8/15/2024	8/15/2024	8/15/2024	8/15/2024	1/14/2025	1/13/2025	1/13/2025	1/13/2025	1/13/2025
PAHs												
Anthracene	190000	350	0.071 J (0.11)	1 (0.11)	1.2 (0.11)	1.3 (0.12)	1.1 (0.12)	0.14 (0.12)	U (0.12)	U (0.12)	0.21 (0.12)	0.096 J (0.12)
Benzo(a)anthracene	130	340	0.22 (0.11)	1.4 (0.11)	1.7 (0.11)	1.8 (0.12)	2.2 (0.12)	0.44 (0.12)	0.036 J (0.12)	0.03 J (0.12)	0.55 (0.12)	0.54 (0.12)
Benzo(a)pyrene	91	46	0.29 (0.14)	1.2 (0.15)	1.7 (0.15)	1.4 (0.16)	2.7 (0.16)	0.44 (0.16)	U (0.15)	U (0.16)	0.52 (0.16)	0.58 (0.16)
Benzo(b)fluoranthene	76	170	0.42 (0.11)	1.5 (0.11)	2.1 (0.11)	1.6 (0.12)	3.6 (0.12)	0.54 (0.12)	0.046 J (0.12)	0.038 J (0.12)	0.65 (0.12)	0.71 (0.12)
Benzo(g,h,i)perylene	190000	180	0.3 (0.14)	0.77 (0.15)	1.2 (0.15)	0.83 (0.16)	2 (0.16)	0.25 (0.16)	0.03 J (0.15)	U (0.16)	0.3 (0.16)	0.34 (0.16)
Chrysene	760	230	0.26 (0.11)	1.2 (0.11)	1.8 (0.11)	2.4 (0.12)	2.3 (0.12)	0.45 (0.12)	0.042 J (0.12)	0.03 J (0.12)	0.57 (0.12)	0.55 (0.12)
Fluorene	130000	3800	U (0.18)	1.6 (0.19)	0.92 (0.19)	3.8 (0.2)	0.32 (0.19)	0.062 J (0.2)	U (0.19)	U (0.2)	0.085 J (0.2)	0.041 J (0.19)
Naphthalene	66	25	0.074 (0.036)	1.3 (0.038)	0.97 (0.037)	1 (0.04)	0.61 (0.039)	0.058 (0.039)	U (0.038)	U (0.04)	0.083 (0.039)	0.1 (0.039)
Phenanthrene	190000	10000	0.2 (0.11)	4 (0.11)	3.8 (0.11)	7.2 (0.12)	2.4 (0.12)	0.61 (0.12)	0.046 J (0.12)	0.028 J (0.12)	0.82 (0.12)	0.39 (0.12)
Pyrene	96000	2200	0.39 (0.11)	2.1 (0.11)	3.2 (0.11)	4.6 (0.12)	3.5 (0.12)	0.71 (0.12)	0.037 J (0.12)	0.026 J (0.12)	1 (0.12)	0.77 (0.12)
Metals												
Lead	1000	450	81 (8.5)	180 (4.56)	300 (4.42)	193 (18.5)	211 (9.06)	91.9 (4.65)	52.6 (4.47)	58.3 (4.81)	126 (4.58)	180 (4.69)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-03-C3	401-MA3-1-03-C4	401-MA3-1-03-C5	401-MA3-1-05-C1	401-MA3-1-07-C1	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
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-03	401-MA3-1-03	401-MA3-1-03	401-MA3-1-05	401-MA3-1-07	401-MA3-1-07	401-MA3-1-08	401-MA3-1-09	401-MA3-1-09	401-MA3-1-09
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/20/2025	1/20/2025	1/20/2025	1/23/2025	1/23/2025	1/23/2025
PAHs												
Anthracene	190000	350	U (0.12)	U (0.12)	U (0.12)	0.1 J (0.11)	0.06 J (0.12)	0.053 J (0.11)	0.24 (0.12)	U (0.11)	U (0.56)	0.13 (0.12)
Benzo(a)anthracene	130	340	0.08 J (0.12)	0.026 J (0.12)	0.03 J (0.12)	0.078 J (0.11)	0.24 (0.12)	0.079 J (0.11)	0.43 (0.12)	0.23 (0.11)	0.33 J (0.56)	0.15 (0.12)
Benzo(a)pyrene	91	46	0.093 J (0.16)	U (0.16)	U (0.16)	0.07 J (0.15)	0.22 (0.16)	0.071 J (0.15)	0.39 (0.16)	0.3 (0.14)	0.36 J (0.75)	0.18 (0.15)
Benzo(b)fluoranthene	76	170	0.11 J (0.12)	U (0.12)	0.049 J (0.12)	0.092 J (0.11)	0.27 (0.12)	0.09 J (0.11)	0.69 (0.12)	0.43 (0.11)	0.5 J (0.56)	0.22 (0.12)
Benzo(g,h,i)perylene	190000	180	0.057 J (0.16)	U (0.16)	0.036 J (0.16)	0.05 J (0.15)	0.13 J (0.16)	0.055 J (0.15)	0.37 (0.16)	0.31 (0.14)	0.46 J (0.75)	0.25 (0.15)
Chrysene	760	230	0.081 J (0.12)	0.026 J (0.12)	0.027 J (0.12)	0.12 (0.11)	0.24 (0.12)	0.082 J (0.11)	0.59 (0.12)	0.3 (0.11)	0.4 J (0.56)	0.21 (0.12)
Fluorene	130000	3800	U (0.2)	U (0.2)	U (0.2)	0.14 J (0.19)	0.047 J (0.2)	0.067 J (0.19)	0.076 J (0.2)	U (0.18)	0.27 J (0.94)	0.89 (0.19)
Naphthalene	66	25	U (0.04)	U (0.04)	U (0.04)	0.3 (0.037)	0.073 (0.04)	U (0.038)	0.19 (0.041)	0.12 (0.036)	2 (0.19)	14 (0.19)
Phenanthrene	190000	10000	0.08 J (0.12)	0.042 J (0.12)	0.031 J (0.12)	0.28 (0.11)	0.28 (0.12)	0.14 (0.11)	0.53 (0.12)	0.15 (0.11)	0.6 (0.56)	1 (0.12)
Pyrene	96000	2200	0.091 J (0.12)	0.024 J (0.12)	0.035 J (0.12)	0.14 (0.11)	0.4 (0.12)	0.13 (0.11)	0.68 (0.12)	0.29 (0.11)	0.54 J (0.56)	0.23 (0.12)
Metals												
Lead	1000	450	95.6 (4.51)	67.8 (4.62)	131 (4.83)	75.8 (4.38)	53.9 (4.85)	362 (4.36)	934 (4.9)	222 (42)	2370 (4.29)	2380 (4.33)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-10-C4	401-MA3-1-10-C5	401-MA3-1-11-C1	401-MA3-1-11-C2	401-MA3-1-12-C1
Cell	Direct Contact Numeric	Groundwater Numeric	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	401-MA3-1-11	401-MA3-1-11	401-MA3-1-12
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
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	1/23/2025	1/23/2025
PAHs												
Anthracene	190000	350	U (1.2)	U (2.2)	U (1)	0.071 J (0.11)	U (0.11)	U (0.11)	U (0.12)	18 (1.3)	0.16 (0.13)	0.34 (0.11)
Benzo(a)anthracene	130	340	0.32 J (1.2)	U (2.2)	U (1)	0.069 J (0.11)	0.041 J (0.11)	0.022 J (0.11)	0.026 J (0.12)	41 (1.3)	0.075 J (0.13)	0.19 (0.11)
Benzo(a)pyrene	91	46	U (1.6)	U (3)	U (1.4)	0.064 J (0.14)	U (0.14)	U (0.15)	U (0.16)	40 (1.8)	U (0.18)	0.14 (0.14)
Benzo(b)fluoranthene	76	170	0.35 J (1.2)	U (2.2)	U (1)	0.093 J (0.11)	0.047 J (0.11)	U (0.11)	U (0.12)	57 (1.3)	0.068 J (0.13)	0.1 J (0.11)
Benzo(g,h,i)perylene	190000	180	0.48 J (1.6)	U (3)	U (1.4)	0.087 J (0.14)	0.056 J (0.14)	0.023 J (0.15)	U (0.16)	22 (1.8)	0.068 J (0.18)	0.1 J (0.14)
Chrysene	760	230	0.36 J (1.2)	U (2.2)	U (1)	0.085 J (0.11)	0.059 J (0.11)	0.025 J (0.11)	0.042 J (0.12)	32 (1.3)	0.079 J (0.13)	0.25 (0.11)
Fluorene	130000	3800	0.87 J (2)	1.5 J (3.7)	U (1.8)	0.26 (0.18)	0.15 J (0.18)	0.08 J (0.18)	0.32 (0.2)	18 (2.2)	0.33 (0.22)	0.46 (0.18)
Naphthalene	66	25	33 (0.4)	30 (0.74)	U (0.35)	7.8 (0.18)	1.7 (0.036)	0.72 (0.037)	0.19 (0.04)	9 (0.44)	0.61 (0.044)	0.084 (0.035)
Phenanthrene	190000	10000	1.2 (1.2)	2.4 (2.2)	U (1)	0.69 (0.11)	0.35 (0.11)	0.18 (0.11)	0.73 (0.12)	50 (1.3)	0.57 (0.13)	1.7 (0.11)
Pyrene	96000	2200	0.38 J (1.2)	U (2.2)	U (1)	0.12 (0.11)	0.051 J (0.11)	0.032 J (0.11)	0.035 J (0.12)	70 (1.3)	0.23 (0.13)	0.67 (0.11)
Metals												
Lead	1000	450	898 (4.64)	181 (4.47)	14.6 (4.18)	340 (4.15)	114 (4.14)	48.8 (4.3)	7.11 J (9.28)	357 (5.36)	84.6 (5.12)	14.6 (4.2)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-15-C1	401-MA3-1-16-C1	401-MA3-1-16-C2	401-MA3-1-17-C1	401-MA3-1-18-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-12	401-MA3-1-13	401-MA3-1-13	401-MA3-1-14	401-MA3-1-14	401-MA3-1-15	401-MA3-1-16	401-MA3-1-16	401-MA3-1-17	401-MA3-1-18
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/23/2025	1/23/2025	1/23/2025	1/24/2025	1/24/2025	1/16/2025	1/22/2025	1/22/2025	1/22/2025	1/24/2025
PAHs												
Anthracene	190000	350	0.1 J (0.11)	0.083 J (0.11)	0.28 (0.11)	0.09 J (0.11)	0.31 (0.11)	0.092 J (0.12)	0.11 J (0.12)	0.14 (0.11)	0.053 J (0.12)	0.3 (0.11)
Benzo(a)anthracene	130	340	0.07 J (0.11)	0.14 (0.11)	0.64 (0.11)	0.27 (0.11)	0.93 (0.11)	0.064 J (0.12)	0.092 J (0.12)	0.052 J (0.11)	U (0.12)	1.1 (0.11)
Benzo(a)pyrene	91	46	0.062 J (0.14)	0.17 (0.15)	0.56 (0.15)	0.25 (0.15)	1.2 (0.15)	0.064 J (0.16)	0.07 J (0.16)	U (0.15)	U (0.15)	0.94 (0.15)
Benzo(b)fluoranthene	76	170	0.052 J (0.11)	0.18 (0.11)	0.62 (0.11)	0.34 (0.11)	1.5 (0.11)	0.1 J (0.12)	0.086 J (0.12)	0.049 J (0.11)	U (0.12)	1.2 (0.11)
Benzo(g,h,i)perylene	190000	180	0.063 J (0.14)	0.14 J (0.15)	0.32 (0.15)	0.26 (0.15)	1 (0.15)	0.088 J (0.16)	0.047 J (0.16)	0.037 J (0.15)	U (0.15)	0.55 (0.15)
Chrysene	760	230	0.087 J (0.11)	0.19 (0.11)	0.68 (0.11)	0.28 (0.11)	0.94 (0.11)	0.087 J (0.12)	0.084 J (0.12)	0.065 J (0.11)	U (0.12)	1.1 (0.11)
Fluorene	130000	3800	0.14 J (0.18)	0.98 (0.19)	1.9 (0.19)	0.052 J (0.19)	0.05 J (0.19)	0.19 J (0.2)	0.19 J (0.2)	0.35 (0.18)	0.11 J (0.19)	0.2 (0.19)
Naphthalene	66	25	U (0.036)	0.06 (0.038)	0.29 (0.038)	0.098 (0.038)	0.4 (0.038)	1.4 (0.04)	U (0.04)	U (0.037)	0.81 (0.038)	0.35 (0.038)
Phenanthrene	190000	10000	0.5 (0.11)	1.6 (0.11)	3.8 (0.11)	0.3 (0.11)	0.71 (0.11)	0.24 (0.12)	0.33 (0.12)	0.69 (0.11)	0.25 (0.12)	1.2 (0.11)
Pyrene	96000	2200	0.2 (0.11)	0.18 (0.11)	0.8 (0.11)	0.42 (0.11)	1.1 (0.11)	0.12 (0.12)	0.23 (0.12)	0.13 (0.11)	0.054 J (0.12)	1.6 (0.11)
Metals												
Lead	1000	450	11.4 (4.05)	156 (4.58)	98.1 (4.59)	457 (4.66)	158 (4.44)	206 (23.7)	11.4 (4.67)	20.3 (4.3)	4.99 (4.42)	251 (4.6)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-18-C2	401-MA3-1-18-C3	401-MA3-1-18-C4	401-MA3-1-18-C5	401-MA3-1-19-C1	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	401-MA3-1-20
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	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	1/24/2025
PAHs												
Anthracene	190000	350	0.6 (0.11)	1.9 (0.55)	0.24 (0.12)	0.98 (0.63)	4.1 (0.11)	U (0.11)	0.046 J (0.11)	0.21 (0.11)	0.17 (0.12)	0.2 (0.12)
Benzo(a)anthracene	130	340	0.91 (0.11)	7.3 (0.55)	0.2 (0.12)	1.5 (0.63)	6.4 (0.11)	0.037 J (0.11)	0.08 J (0.11)	0.31 (0.11)	0.22 (0.12)	0.19 (0.12)
Benzo(a)pyrene	91	46	0.71 (0.14)	5.2 (0.73)	0.17 (0.16)	1.1 (0.84)	6.5 (0.15)	U (0.14)	0.086 J (0.14)	0.3 (0.15)	0.2 (0.16)	0.14 J (0.15)
Benzo(b)fluoranthene	76	170	1 (0.11)	8 (0.55)	0.23 (0.12)	1.4 (0.63)	7.3 (0.57)	0.053 J (0.11)	0.12 (0.11)	0.36 (0.11)	0.25 (0.12)	0.22 (0.12)
Benzo(g,h,i)perylene	190000	180	0.51 (0.14)	5.5 (0.73)	0.18 (0.16)	0.68 J (0.84)	4.7 (0.15)	0.044 J (0.14)	0.077 J (0.14)	0.24 (0.15)	0.14 J (0.16)	0.13 J (0.15)
Chrysene	760	230	1 (0.11)	8.2 (0.55)	0.33 (0.12)	1.6 (0.63)	5.4 (0.11)	0.065 J (0.11)	0.097 J (0.11)	0.31 (0.11)	0.24 (0.12)	0.21 (0.12)
Fluorene	130000	3800	1.8 (0.18)	4 (0.92)	2.7 (0.2)	3 (1)	2.4 (0.19)	0.039 J (0.18)	0.28 (0.18)	0.18 J (0.19)	0.44 (0.2)	0.54 (0.19)
Naphthalene	66	25	1.4 (0.036)	0.73 (0.18)	0.64 (0.039)	2.3 (0.21)	1.6 (0.038)	0.16 (0.036)	0.66 (0.036)	0.35 (0.038)	0.4 (0.039)	0.54 (0.038)
Phenanthrene	190000	10000	5 (0.11)	14 (0.55)	6.1 (0.12)	7 (0.63)	12 (0.57)	0.052 J (0.11)	0.24 (0.11)	0.65 (0.11)	0.7 (0.12)	0.97 (0.12)
Pyrene	96000	2200	1.8 (0.11)	12 (0.55)	0.42 (0.12)	2.5 (0.63)	9 (0.57)	0.075 J (0.11)	0.15 (0.11)	0.51 (0.11)	0.49 (0.12)	0.4 (0.12)
Metals												
Lead	1000	450	177 (4.41)	201 (4.37)	118 (47.3)	105 (4.96)	124 (4.53)	40 (4.29)	135 (4.3)	86.3 (4.62)	356 (4.85)	793 (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 Orange shading indicates that 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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	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
PAHs												
Anthracene	190000	350	U (0.11)	U (0.64)	U (0.12)	0.15 (0.12)	U (0.12)	0.14 (0.11)	0.2 (0.11)	0.15 (0.12)	0.18 (0.11)	1.2 (0.11)
Benzo(a)anthracene	130	340	U (0.11)	0.16 J (0.64)	0.26 (0.12)	0.74 (0.12)	0.024 J (0.12)	0.12 (0.11)	0.09 J (0.11)	0.21 (0.12)	0.22 (0.11)	5 (0.11)
Benzo(a)pyrene	91	46	U (0.15)	U (0.86)	0.3 (0.16)	0.98 (0.16)	U (0.16)	0.11 J (0.15)	0.078 J (0.15)	0.29 (0.16)	0.21 (0.15)	4.5 (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	0.18 J (0.64)	0.31 (0.12)	1 (0.12)	U (0.12)	0.14 (0.11)	0.086 J (0.11)	0.28 (0.12)	0.23 (0.11)	5.2 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.15)	U (0.86)	0.22 (0.16)	0.52 (0.16)	U (0.16)	0.11 J (0.15)	0.069 J (0.15)	0.32 (0.16)	0.18 (0.15)	2.1 (0.15)
Chrysene	760	230	0.023 J (0.11)	0.28 J (0.64)	0.3 (0.12)	0.69 (0.12)	0.027 J (0.12)	0.11 (0.11)	0.1 J (0.11)	0.28 (0.12)	0.24 (0.11)	4.5 (0.11)
Fluorene	130000	3800	0.36 (0.19)	1.4 (1.1)	0.73 (0.2)	0.24 (0.2)	0.1 J (0.2)	1.2 (0.19)	1.6 (0.18)	0.63 (0.2)	0.8 (0.19)	0.39 (0.18)
Naphthalene	66	25	0.42 (0.038)	3.6 (0.21)	2.7 (0.04)	0.67 (0.04)	0.22 (0.04)	0.68 (0.038)	3.3 (0.037)	0.33 (0.039)	0.33 (0.038)	0.17 (0.037)
Phenanthrene	190000	10000	0.54 (0.11)	5.3 (0.64)	1.2 (0.12)	0.42 (0.12)	0.18 (0.12)	1.2 (0.11)	2 (0.11)	1.5 (0.12)	1.5 (0.11)	3.2 (0.11)
Pyrene	96000	2200	0.072 J (0.11)	0.7 (0.64)	0.34 (0.12)	0.5 (0.12)	0.049 J (0.12)	0.23 (0.11)	0.17 (0.11)	0.34 (0.12)	0.37 (0.11)	5 (0.11)
Metals												
Lead	1000	450	49.6 (46.1)	60.1 (4.95)	49.3 (4.73)	9.59 (4.54)	26.8 (4.79)	43.2 (4.5)	40.4 (9.03)	104 (4.9)	495 (4.52)	94.5 (4.44)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-24-C1	401-MA3-1-25-C1	401-MA3-1-25-C2	401-MA3-1-25-C3	401-MA3-1-25-C4
Cell	Direct Contact Numeric	Groundwater Numeric	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
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
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
PAHs												
Anthracene	190000	350	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)	0.054 J (0.12)	0.96 (0.56)	3.4 (0.11)	1.1 (0.11)	0.4 (0.11)
Benzo(a)anthracene	130	340	0.021 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)	0.11 J (0.12)	0.76 (0.56)	0.47 (0.11)	0.1 J (0.11)	0.038 J (0.11)
Benzo(a)pyrene	91	46	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.14)	0.1 J (0.15)	0.78 (0.75)	0.38 (0.15)	0.071 J (0.15)	U (0.15)
Benzo(b)fluoranthene	76	170	U (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)	0.12 (0.12)	0.94 (0.56)	0.45 (0.11)	0.065 J (0.11)	U (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.14)	U (0.14)	U (0.15)	U (0.14)	U (0.14)	0.078 J (0.15)	0.45 J (0.75)	0.23 (0.15)	0.11 J (0.15)	U (0.15)
Chrysene	760	230	0.024 J (0.11)	U (0.11)	U (0.12)	U (0.11)	U (0.1)	0.11 J (0.12)	0.77 (0.56)	0.44 (0.11)	0.15 (0.11)	0.058 J (0.11)
Fluorene	130000	3800	0.19 (0.18)	0.1 J (0.18)	0.055 J (0.19)	0.021 J (0.18)	0.055 J (0.18)	0.1 J (0.19)	2 (0.93)	6.4 (0.18)	3.6 (0.19)	1.4 (0.19)
Naphthalene	66	25	0.57 (0.035)	0.18 (0.036)	U (0.038)	U (0.036)	U (0.035)	0.2 (0.038)	U (0.19)	U (0.037)	1.9 (0.038)	U (0.037)
Phenanthrene	190000	10000	0.32 (0.11)	0.17 (0.11)	0.094 J (0.12)	0.026 J (0.11)	0.04 J (0.1)	0.3 (0.12)	4.8 (0.56)	19 (0.56)	7.4 (0.11)	2.7 (0.11)
Pyrene	96000	2200	0.052 J (0.11)	U (0.11)	U (0.12)	U (0.11)	0.027 J (0.1)	0.2 (0.12)	1.5 (0.56)	2.1 (0.11)	0.79 (0.11)	0.2 (0.11)
Metals												
Lead	1000	450	8.73 (4.23)	6.53 J (8.32)	4.45 J (9.28)	4.41 J (8.29)	5.06 J (8.19)	175 (4.54)	24.5 (4.41)	106 (4.48)	70.6 (4.55)	14.7 (4.4)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	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
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-25	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
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/22/2025	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
PAHs												
Anthracene	190000	350	0.37 (0.11)	0.54 J (0.58)	0.29 (0.11)	U (1.2)	0.11 J (0.12)	U (0.12)	U (0.12)	1.9 (0.22)	0.21 J (0.24)	0.036 J (0.1)
Benzo(a)anthracene	130	340	0.065 J (0.11)	0.31 J (0.58)	0.023 J (0.11)	U (1.2)	0.038 J (0.12)	U (0.12)	U (0.12)	3.4 (0.22)	0.13 J (0.24)	0.12 (0.1)
Benzo(a)pyrene	91	46	U (0.15)	U (0.78)	U (0.14)	U (1.5)	U (0.16)	U (0.16)	U (0.16)	3 (0.29)	0.14 J (0.31)	0.15 (0.14)
Benzo(b)fluoranthene	76	170	0.04 J (0.11)	0.16 J (0.58)	U (0.11)	U (1.2)	U (0.12)	U (0.12)	U (0.12)	3.4 (0.22)	0.11 J (0.24)	0.15 (0.1)
Benzo(g,h,i)perylene	190000	180	0.024 J (0.15)	0.17 J (0.78)	0.035 J (0.14)	U (1.5)	U (0.16)	U (0.16)	U (0.16)	1.5 (0.29)	0.38 (0.31)	0.13 J (0.14)
Chrysene	760	230	0.08 J (0.11)	0.47 J (0.58)	0.03 J (0.11)	U (1.2)	0.11 J (0.12)	U (0.12)	U (0.12)	3.4 (0.22)	0.19 J (0.24)	0.14 (0.1)
Fluorene	130000	3800	1 (0.19)	1.4 (0.97)	0.65 (0.18)	0.31 J (1.9)	0.58 (0.2)	0.05 J (0.2)	0.027 J (0.2)	1.4 (0.36)	0.65 (0.39)	0.053 J (0.17)
Naphthalene	66	25	U (0.038)	1.6 (0.19)	0.22 (0.036)	1.5 (0.38)	0.19 (0.04)	U (0.04)	0.032 J (0.04)	2.4 (0.072)	2.7 (0.078)	0.23 (0.035)
Phenanthrene	190000	10000	2.2 (0.11)	3.6 (0.58)	1.6 (0.11)	0.74 J (1.2)	1.4 (0.12)	0.093 J (0.12)	0.056 J (0.12)	7.7 (0.22)	1.4 (0.24)	0.17 (0.1)
Pyrene	96000	2200	0.26 (0.11)	1.5 (0.58)	0.29 (0.11)	U (1.2)	0.18 (0.12)	U (0.12)	U (0.12)	4.9 (0.22)	0.23 J (0.24)	0.19 (0.1)
Metals												
Lead	1000	450	9.84 (4.39)	17.5 (4.7)	70.2 (4.26)	27.4 (4.73)	13.1 (4.74)	7.33 (4.85)	8.57 (4.78)	2530 (4.23)	356 (4.67)	178 (21)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	401-MA3-1-42-C2	401-MA3-1-42-C3	401-MA3-1-42-C4	401-MA3-1-42-C5	401-MA3-1-43-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-41	401-MA3-1-41	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
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
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
PAHs												
Anthracene	190000	350	1.2 (0.55)	0.33 (0.11)	0.099 J (0.11)	0.3 (0.1)	U (0.11)	0.23 (0.22)	0.39 J (0.6)	0.61 (0.61)	U (1.2)	U (0.21)
Benzo(a)anthracene	130	340	0.22 J (0.55)	0.13 (0.11)	0.092 J (0.11)	0.046 J (0.1)	0.08 J (0.11)	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)
Benzo(a)pyrene	91	46	U (0.74)	0.15 (0.14)	0.072 J (0.14)	0.048 J (0.14)	0.11 J (0.14)	0.16 J (0.29)	U (0.79)	U (0.82)	U (1.6)	0.21 J (0.28)
Benzo(b)fluoranthene	76	170	0.23 J (0.55)	0.17 (0.11)	0.096 J (0.11)	0.065 J (0.1)	0.15 (0.11)	0.16 J (0.22)	U (0.6)	U (0.61)	U (1.2)	0.23 (0.21)
Benzo(g,h,i)perylene	190000	180	0.18 J (0.74)	0.16 (0.14)	0.059 J (0.14)	0.053 J (0.14)	0.098 J (0.14)	0.18 J (0.29)	0.17 J (0.79)	0.16 J (0.82)	U (1.6)	0.77 (0.28)
Chrysene	760	230	0.29 J (0.55)	0.17 (0.11)	0.11 (0.11)	0.067 J (0.1)	0.1 J (0.11)	0.26 (0.22)	0.19 J (0.6)	0.24 J (0.61)	U (1.2)	0.13 J (0.21)
Fluorene	130000	3800	3 (0.92)	0.93 (0.18)	0.15 J (0.18)	0.83 (0.17)	0.031 J (0.18)	1.2 (0.36)	1.6 (0.99)	3.4 (1)	1.1 J (2)	U (0.35)
Naphthalene	66	25	3.5 (0.18)	0.68 (0.036)	0.69 (0.035)	0.18 (0.034)	0.12 (0.035)	0.93 (0.072)	2.7 (0.2)	3.2 (0.2)	15 (0.39)	0.082 (0.07)
Phenanthrene	190000	10000	6.3 (0.55)	2.5 (0.11)	0.42 (0.11)	1.1 (0.1)	0.12 (0.11)	1.5 (0.22)	2.3 (0.6)	5.8 (0.61)	1.6 (1.2)	0.12 J (0.21)
Pyrene	96000	2200	0.86 (0.55)	0.4 (0.11)	0.18 (0.11)	0.22 (0.1)	0.14 (0.11)	0.28 (0.22)	0.31 J (0.6)	0.5 J (0.61)	0.28 J (1.2)	0.15 J (0.21)
Metals												
Lead	1000	450	134 (21.4)	518 (21.3)	155 (20.1)	323 (20.2)	21.6 (21.6)	826 (22)	61.8 (24.2)	108 (4.98)	45.2 (23)	16.1 J (20.5)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-43-C2	401-MA3-1-43-C3	401-MA3-1-43-C4	401-MA3-1-43-C5	401-MA3-1-44-C1	401-MA3-1-44-C2	401-MA3-1-44-C3	401-MA3-1-44-C4	401-MA3-1-44-C5	401-MA3-1-45-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-43	401-MA3-1-43	401-MA3-1-43	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-MA3-1-45
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/16/2025	1/16/2025	1/16/2025	1/16/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/24/2025	1/17/2025
PAHs												
Anthracene	190000	350	0.82 (0.11)	U (0.62)	0.076 J (0.12)	0.046 J (0.12)	0.05 J (0.11)	0.039 J (0.11)	U (0.11)	0.063 J (0.11)	0.048 J (0.11)	U (1)
Benzo(a)anthracene	130	340	0.62 (0.11)	0.17 J (0.62)	0.086 J (0.12)	0.042 J (0.12)	0.33 (0.11)	0.11 (0.11)	0.062 J (0.11)	0.12 (0.11)	0.041 J (0.11)	U (1)
Benzo(a)pyrene	91	46	1.8 (0.15)	U (0.83)	0.071 J (0.16)	U (0.16)	0.44 (0.14)	0.15 (0.14)	0.069 J (0.14)	0.14 (0.14)	0.045 J (0.15)	U (1.4)
Benzo(b)fluoranthene	76	170	2.6 (0.11)	0.18 J (0.62)	0.069 J (0.12)	0.055 J (0.12)	0.61 (0.11)	0.22 (0.11)	0.085 J (0.11)	0.2 (0.11)	0.062 J (0.11)	U (1)
Benzo(g,h,i)perylene	190000	180	1.9 (0.15)	0.13 J (0.83)	0.078 J (0.16)	0.034 J (0.16)	0.35 (0.14)	0.18 (0.14)	0.084 J (0.14)	0.13 J (0.14)	0.052 J (0.15)	0.28 J (1.4)
Chrysene	760	230	0.87 (0.11)	0.18 J (0.62)	0.11 J (0.12)	0.058 J (0.12)	0.44 (0.11)	0.16 (0.11)	0.089 J (0.11)	0.16 (0.11)	0.057 J (0.11)	U (1)
Fluorene	130000	3800	0.22 (0.19)	0.71 J (1)	0.22 (0.2)	0.14 J (0.21)	0.042 J (0.18)	0.078 J (0.18)	0.083 J (0.18)	0.12 J (0.18)	0.06 J (0.18)	U (1.8)
Naphthalene	66	25	1.3 (0.038)	1.9 (0.21)	0.83 (0.039)	0.89 (0.041)	0.1 (0.036)	0.94 (0.035)	1.8 (0.036)	1.8 (0.036)	0.68 (0.037)	U (0.35)
Phenanthrene	190000	10000	0.47 (0.11)	0.96 (0.62)	0.36 (0.12)	0.23 (0.12)	0.44 (0.11)	0.21 (0.11)	0.16 (0.11)	0.23 (0.11)	0.2 (0.11)	U (1)
Pyrene	96000	2200	0.91 (0.11)	0.36 J (0.62)	0.15 (0.12)	0.071 J (0.12)	0.55 (0.11)	0.17 (0.11)	0.11 (0.11)	0.18 (0.11)	0.11 (0.11)	U (1)
Metals												
Lead	1000	450	543 (45.9)	819 (5.04)	62.9 (4.62)	50.5 (4.79)	157 (8.65)	250 (4.14)	238 (8.7)	188 (4.49)	146 (4.49)	124 (8.32)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	401-MA3-1-45-C2	401-MA3-1-45-C3	401-MA3-1-45-C4	401-MA3-1-45-C5	401-MA3-1-46-C1	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
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-45	401-MA3-1-45	401-MA3-1-45	401-MA3-1-45	401-MA3-1-46	401-MA3-1-46	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47	401-MA3-1-47
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
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	0.08 J (0.12)	0.18 (0.11)	U (2.4)	0.091 J (0.12)	0.35 (0.12)	U (0.6)	0.4 (0.11)	1.3 (0.11)	0.27 (0.1)	0.87 (0.12)
Benzo(a)anthracene	130	340	0.3 (0.12)	0.22 (0.11)	0.47 J (2.4)	0.069 J (0.12)	0.1 J (0.12)	U (0.6)	1.1 (0.11)	2 (0.11)	0.42 (0.1)	0.29 (0.12)
Benzo(a)pyrene	91	46	0.43 (0.16)	0.2 (0.14)	U (3.2)	0.056 J (0.16)	0.066 J (0.16)	U (0.8)	1.2 (0.14)	1.9 (0.14)	0.46 (0.14)	0.15 J (0.16)
Benzo(b)fluoranthene	76	170	0.5 (0.12)	0.28 (0.11)	U (2.4)	0.052 J (0.12)	0.096 J (0.12)	U (0.6)	1.5 (0.11)	2 (0.11)	0.58 (0.1)	0.18 (0.12)
Benzo(g,h,i)perylene	190000	180	0.35 (0.16)	0.17 (0.14)	U (3.2)	0.042 J (0.16)	0.052 J (0.16)	0.72 J (0.8)	0.74 (0.14)	0.83 (0.14)	0.34 (0.14)	0.087 J (0.16)
Chrysene	760	230	0.5 (0.12)	0.29 (0.11)	1.2 J (2.4)	0.066 J (0.12)	0.17 (0.12)	0.1 J (0.6)	1.1 (0.11)	1.8 (0.11)	0.46 (0.1)	0.43 (0.12)
Fluorene	130000	3800	0.17 J (0.2)	0.41 (0.18)	1.1 J (4.1)	0.15 J (0.2)	1.6 (0.19)	0.24 J (1)	0.13 J (0.18)	0.82 (0.18)	0.24 (0.17)	0.88 (0.2)
Naphthalene	66	25	0.53 (0.039)	0.36 (0.036)	1.1 (0.81)	0.13 (0.041)	1.5 (0.039)	0.7 (0.2)	0.14 (0.035)	0.51 (0.036)	0.28 (0.034)	0.37 (0.041)
Phenanthrene	190000	10000	0.55 (0.12)	0.99 (0.11)	4.4 (2.4)	0.27 (0.12)	2.6 (0.12)	0.32 J (0.6)	1.4 (0.11)	4.4 (0.11)	1.1 (0.1)	3.6 (0.12)
Pyrene	96000	2200	0.42 (0.12)	0.37 (0.11)	1.3 J (2.4)	0.11 J (0.12)	0.34 (0.12)	0.15 J (0.6)	1.8 (0.11)	3.3 (0.11)	0.66 (0.1)	0.97 (0.12)
Metals												
Lead	1000	450	359 (4.67)	342 (4.31)	51.3 (4.91)	15.5 (4.81)	198 (9.39)	8.43 (4.74)	156 (8.2)	484 (4.32)	142 (8.36)	42.1 (4.65)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-49-C1	401-MA3-1-49-C2	401-MA3-1-49-C3	401-MA3-1-54-C1	401-MA3-1-54-C2
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-47	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48	401-MA3-1-48	401-MA3-1-49	401-MA3-1-49	401-MA3-1-49	401-MA3-1-54	401-MA3-1-54
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/17/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/28/2025
PAHs												
Anthracene	190000	350	0.074 J (0.12)	0.26 (0.11)	0.27 (0.11)	0.041 J (0.11)	0.049 J (0.11)	0.26 J (0.55)	0.48 (0.11)	U (0.11)	U (0.1)	0.55 (0.11)
Benzo(a)anthracene	130	340	0.046 J (0.12)	0.51 (0.11)	0.38 (0.11)	0.052 J (0.11)	0.05 J (0.11)	0.2 J (0.55)	0.27 (0.11)	0.15 (0.11)	0.25 (0.1)	0.47 (0.11)
Benzo(a)pyrene	91	46	U (0.16)	0.48 (0.14)	0.4 (0.15)	0.055 J (0.14)	U (0.15)	U (0.74)	0.14 J (0.15)	0.077 J (0.15)	0.26 (0.14)	0.4 (0.15)
Benzo(b)fluoranthene	76	170	0.034 J (0.12)	0.76 (0.11)	0.54 (0.11)	0.062 J (0.11)	0.037 J (0.11)	0.26 J (0.55)	0.26 (0.11)	0.12 (0.11)	0.31 (0.1)	0.47 (0.11)
Benzo(g,h,i)perylene	190000	180	U (0.16)	0.36 (0.14)	0.32 (0.15)	0.04 J (0.14)	0.024 J (0.15)	U (0.74)	0.11 J (0.15)	0.051 J (0.15)	0.18 (0.14)	0.27 (0.15)
Chrysene	760	230	0.066 J (0.12)	0.57 (0.11)	0.49 (0.11)	0.054 J (0.11)	0.047 J (0.11)	0.29 J (0.55)	0.44 (0.11)	0.17 (0.11)	0.35 (0.1)	0.58 (0.11)
Fluorene	130000	3800	0.34 (0.2)	0.12 J (0.18)	0.66 (0.18)	0.1 J (0.18)	0.16 J (0.19)	0.47 J (0.92)	0.88 (0.19)	1.2 (0.19)	0.63 (0.17)	1.5 (0.18)
Naphthalene	66	25	0.47 (0.04)	0.22 (0.036)	2 (0.036)	0.23 (0.036)	0.29 (0.037)	6.7 (0.18)	6 (0.037)	U (0.037)	1 (0.035)	0.62 (0.036)
Phenanthrene	190000	10000	1.1 (0.12)	0.45 (0.11)	1.4 (0.11)	0.2 (0.11)	0.29 (0.11)	1.2 (0.55)	2 (0.11)	1.8 (0.11)	1.1 (0.1)	3.2 (0.11)
Pyrene	96000	2200	0.1 J (0.12)	0.85 (0.11)	0.74 (0.11)	0.082 J (0.11)	0.096 J (0.11)	0.49 J (0.55)	0.78 (0.11)	0.51 (0.11)	0.52 (0.1)	1.3 (0.11)
Metals												
Lead	1000	450	56.8 (4.56)	140 (4.21)	94.6 (4.26)	18.3 (8.62)	14.8 (8.64)	247 (4.3)	35.2 (8.69)	45.8 (4.29)	53.4 (8.32)	6.76 J (8.52)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	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
Cell	Direct Contact Numeric	Groundwater Numeric	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-MA3-1-56	401-MA3-1-56	401-MA3-1-57	401-MA3-1-57
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/27/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/27/2025	1/27/2025	1/28/2025	1/28/2025
PAHs												
Anthracene	190000	350	4.9 (1.1)	0.073 J (0.11)	U (0.12)	U (0.12)	U (0.11)	1 (0.59)	U (0.11)	0.35 (0.11)	U (0.55)	U (0.53)
Benzo(a)anthracene	130	340	2.3 (1.1)	0.17 (0.11)	0.068 J (0.12)	0.15 (0.12)	0.26 (0.11)	0.55 J (0.59)	U (0.11)	0.02 J (0.11)	0.2 J (0.55)	U (0.53)
Benzo(a)pyrene	91	46	1.4 J (1.5)	0.17 (0.14)	0.072 J (0.16)	0.096 J (0.16)	0.21 (0.15)	0.42 J (0.79)	0.052 J (0.14)	U (0.14)	U (0.73)	U (0.71)
Benzo(b)fluoranthene	76	170	1.6 (1.1)	0.2 (0.11)	0.083 J (0.12)	0.066 J (0.12)	0.17 (0.11)	0.4 J (0.59)	0.064 J (0.11)	U (0.11)	0.27 J (0.55)	U (0.53)
Benzo(g,h,i)perylene	190000	180	0.62 J (1.5)	0.13 J (0.14)	0.052 J (0.16)	0.14 J (0.16)	0.24 (0.15)	0.38 J (0.79)	0.051 J (0.14)	U (0.14)	0.23 J (0.73)	U (0.71)
Chrysene	760	230	2.6 (1.1)	0.21 (0.11)	0.07 J (0.12)	0.22 (0.12)	0.45 (0.11)	1.2 (0.59)	0.045 J (0.11)	U (0.11)	0.23 J (0.55)	U (0.53)
Fluorene	130000	3800	9.4 (1.8)	0.039 J (0.18)	U (0.2)	1.6 (0.2)	U (0.19)	4 (0.99)	0.4 (0.18)	0.91 (0.18)	U (0.92)	U (0.89)
Naphthalene	66	25	3.6 (0.37)	0.11 (0.036)	0.047 (0.04)	U (0.041)	1.2 (0.038)	1.7 (0.2)	U (0.035)	1 (0.036)	U (0.18)	U (0.18)
Phenanthrene	190000	10000	21 (1.1)	0.16 (0.11)	0.08 J (0.12)	3.2 (0.12)	5.4 (0.11)	6.9 (0.59)	0.72 (0.11)	2 (0.11)	0.22 J (0.55)	U (0.53)
Pyrene	96000	2200	7.2 (1.1)	0.32 (0.11)	0.11 J (0.12)	0.61 (0.12)	U (0.11)	1.8 (0.59)	0.41 (0.11)	0.33 (0.11)	0.29 J (0.55)	0.12 J (0.53)
Metals												
Lead	1000	450	64.7 (4.28)	38.6 (8.56)	477 (4.63)	402 (4.63)	130 (4.56)	119 (4.48)	7.1 J (8.33)	6.38 (4.18)	81 (4.45)	14.7 (8.35)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	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
Cell	Direct Contact Numeric	Groundwater Numeric	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	401-MA3-1-59	401-MA3-1-59	401-MA3-1-60
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025
PAHs												
Anthracene	190000	350	0.052 J (0.11)	0.39 (0.11)	0.064 J (0.11)	0.051 J (0.11)	U (0.1)	U (0.11)	0.2 (0.11)	0.35 (0.11)	0.047 J (0.13)	U (0.11)
Benzo(a)anthracene	130	340	0.097 J (0.11)	0.82 (0.11)	0.17 (0.11)	0.4 (0.11)	0.082 J (0.1)	0.046 J (0.11)	0.62 (0.11)	1.3 (0.11)	0.18 (0.13)	0.13 (0.11)
Benzo(a)pyrene	91	46	0.082 J (0.15)	0.67 (0.15)	0.12 J (0.15)	0.76 (0.15)	0.12 J (0.14)	0.089 J (0.15)	0.81 (0.14)	1.5 (0.15)	0.18 (0.17)	0.15 (0.15)
Benzo(b)fluoranthene	76	170	0.1 J (0.11)	0.8 (0.11)	0.17 (0.11)	0.48 (0.11)	0.13 (0.1)	0.069 J (0.11)	0.79 (0.11)	1.3 (0.11)	0.14 (0.13)	0.2 (0.11)
Benzo(g,h,i)perylene	190000	180	0.064 J (0.15)	0.36 (0.15)	0.1 J (0.15)	0.83 (0.15)	0.14 (0.14)	0.14 J (0.15)	1 (0.14)	1.4 (0.15)	0.13 J (0.17)	0.12 J (0.15)
Chrysene	760	230	0.11 (0.11)	0.79 (0.11)	0.22 (0.11)	0.47 (0.11)	0.12 (0.1)	0.06 J (0.11)	0.75 (0.11)	1.5 (0.11)	0.19 (0.13)	0.2 (0.11)
Fluorene	130000	3800	0.042 J (0.18)	0.22 (0.19)	0.17 J (0.18)	0.049 J (0.18)	U (0.18)	U (0.19)	0.073 J (0.18)	0.17 J (0.18)	U (0.21)	U (0.19)
Naphthalene	66	25	0.048 (0.037)	0.045 (0.037)	0.18 (0.037)	0.21 (0.037)	0.057 (0.035)	0.38 (0.037)	0.54 (0.036)	0.7 (0.037)	U (0.042)	U (0.037)
Phenanthrene	190000	10000	0.1 J (0.11)	1.4 (0.11)	0.38 (0.11)	0.15 (0.11)	0.076 J (0.1)	0.071 J (0.11)	0.76 (0.11)	0.63 (0.11)	0.068 J (0.13)	0.11 (0.11)
Pyrene	96000	2200	0.2 (0.11)	1.4 (0.11)	0.32 (0.11)	0.23 (0.11)	0.16 (0.1)	0.062 J (0.11)	0.78 (0.11)	1.3 (0.11)	0.23 (0.13)	0.28 (0.11)
Metals												
Lead	1000	450	71.1 (4.44)	25.6 (4.42)	84.2 (4.29)	44.5 (4.24)	51.2 (20.6)	156 (4.51)	319 (4.34)	516 (4.33)	222 (5.02)	30 (4.37)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-70-C1	401-MA3-1-72-C1	401-MA3-1-72-C2	401-MA3-1-72-C3	402-MA3-1-03-C1
Cell	Direct Contact Numeric	Groundwater Numeric	401-MA3-1-60	401-MA3-1-60	401-MA3-1-61	401-MA3-1-68	401-MA3-1-69	401-MA3-1-70	401-MA3-1-72	401-MA3-1-72	401-MA3-1-72	402-MA3-1-03
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	1/29/2025	1/29/2025	1/21/2025	1/29/2025	1/21/2025	1/20/2025	1/29/2025	1/29/2025	1/29/2025	1/8/2025
PAHs												
Anthracene	190000	350	0.08 J (0.11)	0.14 (0.11)	0.075 J (0.11)	U (1.2)	0.16 (0.11)	0.13 (0.11)	0.25 (0.12)	0.34 (0.12)	0.062 J (0.12)	U (1.1)
Benzo(a)anthracene	130	340	0.39 (0.11)	0.49 (0.11)	0.18 (0.11)	0.36 J (1.2)	0.74 (0.11)	0.27 (0.11)	0.47 (0.12)	0.29 (0.12)	0.082 J (0.12)	U (1.1)
Benzo(a)pyrene	91	46	0.42 (0.14)	0.47 (0.15)	0.33 (0.14)	U (1.6)	1.4 (0.15)	0.28 (0.15)	0.41 (0.16)	0.25 (0.16)	0.082 J (0.16)	U (1.5)
Benzo(b)fluoranthene	76	170	0.57 (0.11)	0.64 (0.11)	0.28 (0.11)	0.44 J (1.2)	0.8 (0.11)	0.3 (0.11)	0.38 (0.12)	0.21 (0.12)	0.077 J (0.12)	U (1.1)
Benzo(g,h,i)perylene	190000	180	0.3 (0.14)	0.38 (0.15)	0.4 (0.14)	0.3 J (1.6)	1.4 (0.15)	0.25 (0.15)	0.3 (0.16)	0.22 (0.16)	0.075 J (0.16)	U (1.5)
Chrysene	760	230	0.42 (0.11)	0.52 (0.11)	0.23 (0.11)	0.42 J (1.2)	0.93 (0.11)	0.26 (0.11)	0.56 (0.12)	0.49 (0.12)	0.086 J (0.12)	U (1.1)
Fluorene	130000	3800	0.028 J (0.18)	0.05 J (0.18)	0.043 J (0.18)	U (1.9)	0.17 J (0.18)	0.061 J (0.19)	1.2 (0.2)	1.7 (0.2)	0.2 (0.2)	U (1.9)
Naphthalene	66	25	U (0.036)	0.026 J (0.037)	0.14 (0.036)	U (0.39)	0.5 (0.037)	0.11 (0.037)	0.29 (0.039)	0.35 (0.04)	0.038 J (0.041)	U (0.37)
Phenanthrene	190000	10000	0.3 (0.11)	0.58 (0.11)	0.22 (0.11)	0.87 J (1.2)	0.56 (0.11)	0.42 (0.11)	1.9 (0.12)	2.2 (0.12)	0.16 (0.12)	U (1.1)
Pyrene	96000	2200	0.7 (0.11)	0.87 (0.11)	0.19 (0.11)	0.81 J (1.2)	0.49 (0.11)	0.39 (0.11)	0.82 (0.12)	0.86 (0.12)	0.16 (0.12)	U (1.1)
Metals												
Lead	1000	450	29.7 (8.47)	8.66 J (9.16)	74.5 (4.21)	189 (4.49)	89.7 (4.48)	234 (4.44)	8.44 (4.55)	22.5 (4.73)	31 (4.93)	40.3 (8.77)

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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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	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
Cell	Direct Contact Numeric	Groundwater Numeric	403-MA3-1-01	403-MA3-1-03	403-MA3-1-04	403-MA3-1-05	403-MA3-1-06	403-MA3-1-07	403-MA3-1-08	403-MA3-1-09	403-MA3-1-10	403-MA3-1-11
Field Sample ID	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	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	1/10/2025
PAHs												
Anthracene	190000	350	U (0.12)	U (0.11)	U (0.11)	1.1 J (1.2)	U (0.11)	1.3 (0.12)	0.14 (0.11)	U (0.12)	2 (1.9)	0.055 J (0.14)
Benzo(a)anthracene	130	340	U (0.12)	U (0.11)	U (0.11)	1 J (1.2)	0.047 J (0.11)	0.57 (0.12)	0.13 (0.11)	U (0.12)	2.4 (1.9)	0.056 J (0.14)
Benzo(a)pyrene	91	46	U (0.16)	U (0.15)	U (0.14)	0.76 J (1.6)	0.05 J (0.14)	0.35 (0.16)	0.13 J (0.15)	U (0.16)	1.4 J (2.5)	U (0.18)
Benzo(b)fluoranthene	76	170	U (0.12)	U (0.11)	U (0.11)	0.48 J (1.2)	0.048 J (0.11)	0.37 (0.12)	0.14 (0.11)	U (0.12)	2.1 (1.9)	0.062 J (0.14)
Benzo(g,h,i)perylene	190000	180	U (0.16)	U (0.15)	U (0.14)	0.48 J (1.6)	0.043 J (0.14)	0.31 (0.16)	0.084 J (0.15)	0.029 J (0.16)	1.3 J (2.5)	0.044 J (0.18)
Chrysene	760	230	U (0.12)	U (0.11)	U (0.11)	2.2 (1.2)	0.07 J (0.11)	1.1 (0.12)	0.15 (0.11)	0.022 J (0.12)	5.8 (1.9)	0.28 (0.14)
Fluorene	130000	3800	U (0.2)	U (0.19)	U (0.18)	3.7 (1.9)	0.024 J (0.18)	3.6 (0.21)	0.18 J (0.19)	U (0.2)	11 (3.2)	0.51 (0.23)
Naphthalene	66	25	U (0.04)	U (0.038)	U (0.036)	5.3 (0.39)	0.036 (0.036)	0.92 (0.041)	0.06 (0.038)	0.025 J (0.04)	3.3 (0.63)	1.7 (0.046)
Phenanthrene	190000	10000	U (0.12)	U (0.11)	U (0.11)	12 (1.2)	0.094 J (0.11)	13 (0.62)	0.64 (0.11)	0.031 J (0.12)	24 (1.9)	1.2 (0.14)
Pyrene	96000	2200	U (0.12)	U (0.11)	U (0.11)	1.6 (1.2)	0.086 J (0.11)	1.7 (0.12)	0.4 (0.11)	0.023 J (0.12)	4.9 (1.9)	0.12 J (0.14)
Metals												
Lead	1000	450	7.51 (4.9)	343 (4.47)	197 (4.22)	656 (18.5)	57.1 (4.35)	2790 (4.77)	346 (4.54)	876 (4.75)	3520 (5)	151 (5.59)

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 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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location	Non-Residential Soil	Non-Residential Soil to	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-MA3-1-18-C1	404-MA3-1-01-C1	404-MA3-1-02-C1	404-MA3-1-03-C1	404-MA3-1-04-C1
Cell	Direct Contact Numeric	Groundwater Numeric	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	Value (0-2 ft bgs)	Value	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	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
Sample Date	(mg/kg)	(mg/kg)	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
PAHs												
Anthracene	190000	350	0.72 (0.12)	U (0.11)	U (0.12)	1.6 (0.56)	1.2 (1.2)	U (0.12)	0.19 (0.11)	0.68 (0.12)	1.6 (0.34)	0.62 (0.11)
Benzo(a)anthracene	130	340	0.24 (0.12)	0.043 J (0.11)	0.03 J (0.12)	0.54 J (0.56)	0.42 J (1.2)	U (0.12)	1.3 (0.11)	1 (0.12)	2.6 (0.34)	2 (0.11)
Benzo(a)pyrene	91	46	0.24 (0.16)	U (0.15)	U (0.16)	0.38 J (0.75)	U (1.5)	U (0.16)	1.5 (0.15)	1.3 (0.16)	2.8 (0.46)	2.2 (0.15)
Benzo(b)fluoranthene	76	170	0.27 (0.12)	0.052 J (0.11)	0.036 J (0.12)	0.46 J (0.56)	0.32 J (1.2)	U (0.12)	1.8 (0.11)	1.7 (0.12)	3.5 (0.34)	2.6 (0.11)
Benzo(g,h,i)perylene	190000	180	0.26 (0.16)	0.074 J (0.15)	0.029 J (0.16)	0.31 J (0.75)	0.24 J (1.5)	U (0.16)	0.88 (0.15)	1 (0.16)	1.9 (0.46)	1.2 (0.15)
Chrysene	760	230	0.55 (0.12)	0.083 J (0.11)	0.046 J (0.12)	1.1 (0.56)	0.84 J (1.2)	U (0.12)	1.2 (0.11)	1.1 (0.12)	2.8 (0.34)	2.1 (0.11)
Fluorene	130000	3800	1.7 (0.2)	0.04 J (0.19)	0.046 J (0.19)	5.7 (0.94)	2.1 (1.9)	U (0.2)	0.063 J (0.18)	0.99 (0.2)	1.4 (0.57)	0.11 J (0.18)
Naphthalene	66	25	2.2 (0.04)	U (0.037)	0.024 J (0.039)	1.6 (0.19)	1.1 (0.39)	U (0.039)	0.41 (0.037)	1.1 (0.04)	1.7 (0.11)	0.39 (0.037)
Phenanthrene	190000	10000	3.8 (0.12)	0.06 J (0.11)	0.074 J (0.12)	12 (0.56)	5.4 (1.2)	U (0.12)	0.45 (0.11)	2.5 (0.12)	3.6 (0.34)	1.2 (0.11)
Pyrene	96000	2200	0.93 (0.12)	0.081 J (0.11)	0.059 J (0.12)	1.8 (0.56)	1.3 (1.2)	U (0.12)	1.5 (0.11)	1.9 (0.12)	4.9 (0.34)	3 (0.11)
Metals												
Lead	1000	450	6410 (9.41)	216 (8.67)	111 (4.5)	3160 (4.46)	8630 (9.02)	11.9 (4.61)	139 (4.4)	335 (4.74)	346 (4.59)	292 (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 Orange shading indicates that 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 3.2h
Cut Soil Composite Analytical Results - PAHs and Lead
Major Amendment 3 Limit of Disturbance
Soil Management Plan Addendum No. 9
Bellwether District Holdings, LLC, Philadelphia, PA

Location Cell Field Sample ID Sample Date	Non-Residential Soil Direct Contact Numeric Value (0-2 ft bgs) (mg/kg)	Non-Residential Soil to Groundwater Numeric Value (mg/kg)	404-MA3-1-05-C1 404-MA3-1-05 404-MA3-1-05-C1-COMP 1/15/2025	404-MA3-1-06-C1 404-MA3-1-06 404-MA3-1-06-C1-COMP 1/15/2025
PAHs				
Anthracene	190000	350	0.12 J (0.36)	0.097 J (0.12)
Benzo(a)anthracene	130	340	0.44 (0.36)	0.32 (0.12)
Benzo(a)pyrene	91	46	0.43 J (0.47)	0.3 (0.15)
Benzo(b)fluoranthene	76	170	0.56 (0.36)	0.41 (0.12)
Benzo(g,h,i)perylene	190000	180	0.25 J (0.47)	0.16 (0.15)
Chrysene	760	230	0.46 (0.36)	0.34 (0.12)
Fluorene	130000	3800	U (0.59)	0.05 J (0.19)
Naphthalene	66	25	U (0.12)	0.12 (0.038)
Phenanthrene	190000	10000	0.54 (0.36)	0.43 (0.12)
Pyrene	96000	2200	0.63 (0.36)	0.5 (0.12)
Metals				
Lead	1000	450	173 (4.67)	537 (4.64)

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 3.3
Underlying Soil Analytical Results
Innovation Campus
Soil Management Plan Addendum No. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.

7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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 (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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.

7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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
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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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.

7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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 Numeric	Groundwater Numeric	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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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 (0.00063)	U (0.00046)	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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.

7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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. 9
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:

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 Sampled zone is the depth interval of soil relative to the exisiting conditions (i.e., pre-development) ground surface.
7 A "U" flag indicates the constituent was not detected above the method detection limit. The detection limit 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 3.4a
Other Program's Analytical Results Summary – March 2025 Sampled Areas
Soil Management Plan Addendum No. 9
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	ParcelB-20	Innovation Campus	3	3.1 - 3.1	1.1	280	0.50
VOC	Cumene	ParcelB-20	Innovation Campus	3	2.1 - 2.1	0.78	10000	2500
VOC	Ethyl Benzene	ParcelB-20	Innovation Campus	3	6.6 - 6.6	2.3	880	70
VOC	Methyl tert-butyl ether	ParcelB-20	Innovation Campus	3	U (0.26)	0.13	8500	2.0
VOC	Toluene	ParcelB-20	Innovation Campus	3	4.2 - 4.2	1.5	10000	100
VOC	Xylenes (total)	ParcelB-20	Innovation Campus	3	34 - 34	11	7900	1000
SVOC	Anthracene	ParcelB-20	Innovation Campus	3	11 - 11	4.6	190000	350
SVOC	Benzo(a)anthracene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	130	340
SVOC	Benzo(a)pyrene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	91	46
SVOC	Benzo(b)fluoranthene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	76	170
SVOC	Benzo(g,h,i)perylene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	190000	180
SVOC	Chrysene	ParcelB-20	Innovation Campus	3	13 - 13	5.3	760	230
SVOC	Fluorene	ParcelB-20	Innovation Campus	3	21 - 21	8.0	130000	3800
SVOC	Naphthalene	ParcelB-20	Innovation Campus	3	18 - 18	7.0	66	25
SVOC	Phenanthrene	ParcelB-20	Innovation Campus	3	9.7 - 58	23	190000	10000
SVOC	Pyrene	ParcelB-20	Innovation Campus	3	15 - 15	6.0	96000	2200
INORG	Lead	ParcelB-20	Innovation Campus	3	102 - 1380	674	1000	450
VOC	Benzene	302-AL01	Phase 1C	11	0.012 - 1300	155	280	0.50
VOC	Cumene	302-AL01	Phase 1C	2	U (0.43)	0.11	10000	2500
VOC	Ethyl Benzene	302-AL01	Phase 1C	11	0.043 - 0.043	0.61	880	70
VOC	Methyl tert-butyl ether	302-AL01	Phase 1C	2	U (0.21)	0.053	8500	2.0
VOC	Toluene	302-AL01	Phase 1C	11	0.0010 - 790	95	10000	100
VOC	1,2,4-Trimethylbenzene	302-AL01	Phase 1C	2	U (0.43)	0.11	4700	300
VOC	1,3,5-Trimethylbenzene	302-AL01	Phase 1C	2	U (0.43)	0.11	4700	93
VOC	Xylenes (total)	302-AL01	Phase 1C	11	0.13 - 0.13	0.62	7900	1000
SVOC	Anthracene	302-AL01	Phase 1C	2	U (0.037) - 0.042	0.030	190000	350
SVOC	Benzo(a)anthracene	302-AL01	Phase 1C	2	U (0.037) - 0.21	0.11	130	340
SVOC	Benzo(a)pyrene	302-AL01	Phase 1C	2	U (0.037) - 0.24	0.13	91	46
SVOC	Benzo(b)fluoranthene	302-AL01	Phase 1C	2	U (0.037) - 0.31	0.16	76	170
SVOC	Benzo(g,h,i)perylene	302-AL01	Phase 1C	2	U (0.037) - 0.17	0.096	190000	180
SVOC	Chrysene	302-AL01	Phase 1C	2	U (0.037) - 0.22	0.12	760	230
SVOC	Fluorene	302-AL01	Phase 1C	2	U (0.037)	0.018	130000	3800
SVOC	Naphthalene	302-AL01	Phase 1C	2	U (0.037) - 0.052	0.035	66	25
SVOC	Phenanthrene	302-AL01	Phase 1C	2	U (0.037) - 0.19	0.11	190000	10000
SVOC	Pyrene	302-AL01	Phase 1C	2	U (0.037) - 0.31	0.16	96000	2200
INORG	Lead	302-AL01	Phase 1C	2	5.7 - 540	275	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.
All results and limits rounded to 2 significant figures.

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-D20-C	Innovation Campus	21	U (0.039) - 0.00043	0.0012	280	0.50
VOC	Benzene	101-G24-C	Innovation Campus	2	U (0.0014) - 0.0074	0.0040	280	0.50
VOC	Benzene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	280	0.50
VOC	Benzene	101-H24-C	Innovation Campus	2	0.00038 - 0.00066	0.00052	280	0.50
VOC	Benzene	101-I23-C	Innovation Campus	1	U (0.23)	0.12	280	0.50
VOC	Benzene	101-I25-C	Innovation Campus	2	U (0.11)	0.028	280	0.50
VOC	Benzene	101-J23-C	Innovation Campus	2	U (0.099)	0.025	280	0.50
VOC	Benzene	101-L31-C	Innovation Campus	2	0.0049 - 0.0049	0.0028	280	0.50
VOC	Benzene	101-U37-C	Innovation Campus	5	U (0.18)	0.021	280	0.50
VOC	Benzene	102-E08-C	Innovation Campus	3	U (0.44) - 0.025	0.15	280	0.50
VOC	Benzene	102-G23-C	Innovation Campus	2	U (0.028) - 0.0052	0.0095	280	0.50
VOC	Benzene	103-A10-C	Innovation Campus	6	0.0019 - 0.87	0.25	280	0.50
VOC	Benzene	103-A10-S	Innovation Campus	2	0.0024 - 0.87	0.44	280	0.50
VOC	Benzene	103-A14-S	Innovation Campus	1	U (0.38)	0.19	280	0.50
VOC	Benzene	103-A15-S	Innovation Campus	2	0.0019 - 0.30	0.15	280	0.50
VOC	Benzene	103-A17-S	Innovation Campus	1	U (0.23)	0.12	280	0.50
VOC	Benzene	103-H01-C	Innovation Campus	2	3.2 - 3.2	1.7	280	0.50
VOC	Benzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.028	0.014	280	0.50
VOC	Benzene	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	280	0.50
VOC	Benzene	LS-A-A02	Innovation Campus	2	U (0.30)	0.075	280	0.50
VOC	Benzene	LS-A-A03	Innovation Campus	1	U (0.00071)	0.00036	280	0.50
VOC	Benzene	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	280	0.50
VOC	Benzene	LS-A-B02	Innovation Campus	14	0.00039 - 0.0018	0.00041	280	0.50
VOC	Benzene	LS-A-B03	Innovation Campus	4	0.0032 - 0.12	0.031	280	0.50
VOC	Benzene	LS-A-C01	Innovation Campus	28	0.00025 - 0.0031	0.0057	280	0.50
VOC	Benzene	LS-A-C02	Innovation Campus	12	U (0.30) - 0.0013	0.023	280	0.50
VOC	Benzene	LS-A-C04	Innovation Campus	3	U (0.21)	0.039	280	0.50
VOC	Benzene	LS-A-D01	Innovation Campus	5	0.094 - 0.74	0.29	280	0.50
VOC	Benzene	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	280	0.50
VOC	Benzene	LS-A-D03	Innovation Campus	3	U (0.26)	0.044	280	0.50
VOC	Benzene	LS-A-D04	Innovation Campus	2	0.0016 - 0.0023	0.0019	280	0.50
VOC	Benzene	LS-A-D05	Innovation Campus	6	U (0.27) - 0.0049	0.046	280	0.50
VOC	Benzene	LS-A-D06	Innovation Campus	4	U (0.027) - 0.0069	0.0069	280	0.50
VOC	Benzene	LS-A-D07	Innovation Campus	2	U (0.14) - 0.0021	0.035	280	0.50
VOC	Benzene	LS-A-E01	Innovation Campus	3	U (3.1) - 0.038	0.54	280	0.50
VOC	Benzene	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	280	0.50
VOC	Benzene	LS-A-E04	Innovation Campus	2	U (0.16) - 1.9	0.94	280	0.50
VOC	Benzene	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	280	0.50
VOC	Benzene	LS-A-E07	Innovation Campus	7	U (0.59)	0.12	280	0.50
VOC	Benzene	LS-A-E08	Innovation Campus	6	U (0.22)	0.060	280	0.50
VOC	Benzene	LS-A-F01	Innovation Campus	3	0.31 - 1.3	0.52	280	0.50
VOC	Benzene	LS-A-F02	Innovation Campus	3	3.1 - 3.1	1.1	280	0.50
VOC	Benzene	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	280	0.50
VOC	Benzene	LS-A-F04	Innovation Campus	12	U (0.37) - 0.0020	0.044	280	0.50
VOC	Benzene	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	280	0.50
VOC	Benzene	LS-A-G01	Innovation Campus	3	0.24 - 0.53	0.77	280	0.50
VOC	Benzene	LS-A-G02	Innovation Campus	2	U (0.73)	0.23	280	0.50
VOC	Benzene	LS-A-G03	Innovation Campus	3	0.21 - 0.21	0.13	280	0.50
VOC	Benzene	LS-A-G07	Innovation Campus	3	U (0.24) - 0.0027	0.041	280	0.50
VOC	Benzene	LS-A-G08	Innovation Campus	2	0.0045 - 0.0045	0.0026	280	0.50
VOC	Benzene	LS-A-H03	Innovation Campus	2	U (0.0012)	0.00059	280	0.50
VOC	Benzene	LS-A-H04	Innovation Campus	2	U (0.021) - 0.028	0.019	280	0.50
VOC	Benzene	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	280	0.50
VOC	Benzene	LS-A-H07	Innovation Campus	2	U (0.018) - 0.36	0.19	280	0.50
VOC	Benzene	LS-A-I01	Innovation Campus	6	U (0.38) - 0.0030	0.070	280	0.50
VOC	Benzene	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	280	0.50
VOC	Benzene	LS-A-I03	Innovation Campus	3	U (0.22)	0.060	280	0.50
VOC	Benzene	LS-B-B01	Innovation Campus	1	U (0.00087)	0.00044	280	0.50
VOC	Benzene	LS-B-C01	Innovation Campus	3	0.026 - 0.026	0.054	280	0.50
VOC	Benzene	LS-B-E01	Innovation Campus	4	U (0.27) - 9.9	3.3	280	0.50
VOC	Benzene	LS-B-G02	Innovation Campus	1	0.028 - 0.028	0.028	280	0.50
VOC	Benzene	LS-B-H02	Innovation Campus	3	U (0.29) - 1.9	0.68	280	0.50
VOC	Benzene	LS-E-B01	Innovation Campus	98	U (1.3) - 20	0.55	280	0.50
VOC	Benzene	LS-E-G01	Innovation Campus	4	U (0.23) - 0.0094	0.060	280	0.50
VOC	Benzene	ParcelB-01	Innovation Campus	2	0.58 - 0.58	1.1	280	0.50
VOC	Benzene	ParcelB-02	Innovation Campus	6	U (0.49) - 0.072	0.094	280	0.50
VOC	Benzene	ParcelB-03	Innovation Campus	3	U (0.24) - 0.51	0.17	280	0.50
VOC	Benzene	ParcelB-04	Innovation Campus	3	U (0.44) - 0.025	0.15	280	0.50
VOC	Benzene	ParcelB-06	Innovation Campus	2	U (0.19) - 0.0015	0.048	280	0.50
VOC	Benzene	ParcelB-07	Innovation Campus	6	U (0.23)	0.041	280	0.50
VOC	Benzene	ParcelB-08	Innovation Campus	2	0.0024 - 0.87	0.44	280	0.50
VOC	Benzene	ParcelB-10	Innovation Campus	3	0.0019 - 0.30	0.16	280	0.50
VOC	Benzene	ParcelB-12	Innovation Campus	2	0.70 - 1.9	1.3	280	0.50
VOC	Benzene	ParcelB-13	Innovation Campus	2	3.2 - 3.2	1.7	280	0.50
VOC	Benzene	ParcelB-14	Innovation Campus	3	U (0.38) - 0.028	0.073	280	0.50
VOC	Benzene	ParcelB-15	Innovation Campus	2	0.21 - 0.21	0.11	280	0.50
VOC	Benzene	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	280	0.50
VOC	Benzene	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	280	0.50
VOC	Benzene	ParcelB-20	Innovation Campus	3	3.1 - 3.1	1.1	280	0.50
VOC	Benzene	ParcelB-21	Innovation Campus	3	U (0.24) - 0.0027	0.041	280	0.50
VOC	Cumene	101-D20-C	Innovation Campus	21	U (0.016) - 0.00026	0.0012	10000	2500
VOC	Cumene	101-G24-C	Innovation Campus	2	U (0.014)	0.0063	10000	2500
VOC	Cumene	101-G26-C	Innovation Campus	1	U (0.21)	0.11	10000	2500

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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	0.030 - 0.030	0.017	10000	2500
VOC	Cumene	101-J23-C	Innovation Campus	2	0.031 - 0.031	0.018	10000	2500
VOC	Cumene	101-L31-C	Innovation Campus	2	U (0.013)	0.0065	10000	2500
VOC	Cumene	101-U37-C	Innovation Campus	5	U (0.22)	0.043	10000	2500
VOC	Cumene	102-E08-C	Innovation Campus	3	5.3 - 5.3	1.9	10000	2500
VOC	Cumene	102-G23-C	Innovation Campus	2	U (0.28)	0.073	10000	2500
VOC	Cumene	103-A10-C	Innovation Campus	6	0.81 - 10	1.9	10000	2500
VOC	Cumene	103-A10-S	Innovation Campus	2	10 - 10	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 (1.4)	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 (0.40)	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 (0.30)	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	1.0 - 1.0	0.26	10000	2500
VOC	Cumene	LS-A-C01	Innovation Campus	28	U (0.39) - 0.00027	0.019	10000	2500
VOC	Cumene	LS-A-C02	Innovation Campus	12	U (3.0) - 0.58	0.19	10000	2500
VOC	Cumene	LS-A-C04	Innovation Campus	3	U (0.25)	0.078	10000	2500
VOC	Cumene	LS-A-D01	Innovation Campus	5	U (0.27) - 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 (0.012)	0.0058	10000	2500
VOC	Cumene	LS-A-D05	Innovation Campus	6	1.8 - 1.8	0.34	10000	2500
VOC	Cumene	LS-A-D06	Innovation Campus	2	U (0.27)	0.069	10000	2500
VOC	Cumene	LS-A-D07	Innovation Campus	2	1.7 - 1.7	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	0.66 - 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	4.0 - 19	7.1	10000	2500
VOC	Cumene	LS-A-E08	Innovation Campus	6	2.3 - 13	4.4	10000	2500
VOC	Cumene	LS-A-F01	Innovation Campus	3	U (6.3)	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 (7.3)	2.3	10000	2500
VOC	Cumene	LS-A-G03	Innovation Campus	3	U (1.9) - 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	0.043 - 0.043	0.025	10000	2500
VOC	Cumene	LS-A-H03	Innovation Campus	2	U (0.012)	0.0059	10000	2500
VOC	Cumene	LS-A-H04	Innovation Campus	2	U (0.21)	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 - 1.2	1.1	10000	2500
VOC	Cumene	LS-A-I01	Innovation Campus	6	0.017 - 2.6	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 (1.4)	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 (0.014)	0.0069	10000	2500
VOC	Cumene	LS-B-H02	Innovation Campus	3	7.6 - 7.6	2.6	10000	2500
VOC	Cumene	LS-E-B01	Innovation Campus	94	U (13) - 92	1.5	10000	2500
VOC	Cumene	LS-E-G01	Innovation Campus	4	U (0.23) - 0.027	0.066	10000	2500
VOC	Cumene	ParcelB-01	Innovation Campus	2	0.44 - 0.44	1.0	10000	2500
VOC	Cumene	ParcelB-02	Innovation Campus	6	0.025 - 6.8	2.0	10000	2500
VOC	Cumene	ParcelB-03	Innovation Campus	3	U (0.24) - 0.59	0.20	10000	2500
VOC	Cumene	ParcelB-04	Innovation Campus	3	5.3 - 5.3	1.9	10000	2500
VOC	Cumene	ParcelB-06	Innovation Campus	2	0.017 - 2.6	1.3	10000	2500
VOC	Cumene	ParcelB-07	Innovation Campus	6	U (0.52) - 0.32	0.14	10000	2500
VOC	Cumene	ParcelB-08	Innovation Campus	2	10 - 10	5.0	10000	2500
VOC	Cumene	ParcelB-10	Innovation Campus	3	U (1.4)	0.30	10000	2500
VOC	Cumene	ParcelB-12	Innovation Campus	2	U (0.38)	0.15	10000	2500
VOC	Cumene	ParcelB-13	Innovation Campus	2	U (0.40)	0.15	10000	2500
VOC	Cumene	ParcelB-14	Innovation Campus	3	U (0.38) - 1.4	0.51	10000	2500
VOC	Cumene	ParcelB-15	Innovation Campus	2	U (1.9)	0.49	10000	2500
VOC	Cumene	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	10000	2500
VOC	Cumene	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	10000	2500
VOC	Cumene	ParcelB-20	Innovation Campus	3	2.1 - 2.1	0.78	10000	2500
VOC	Cumene	ParcelB-21	Innovation Campus	3	U (0.24)	0.044	10000	2500
VOC	Ethyl Benzene	101-D20-C	Innovation Campus	20	U (0.039) - 0.00032	0.0015	880	70
VOC	Ethyl Benzene	101-G24-C	Innovation Campus	2	U (0.0014)	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	101-J23-C	Innovation Campus	2	U (0.099)	0.025	880	70
VOC	Ethyl Benzene	101-L31-C	Innovation Campus	2	U (0.0013)	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 (0.028)	0.0073	880	70
VOC	Ethyl Benzene	103-A10-C	Innovation Campus	6	U (0.52)	0.11	880	70
VOC	Ethyl Benzene	103-A10-S	Innovation Campus	2	U (0.52)	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 (0.14)	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 (0.40)	0.15	880	70
VOC	Ethyl Benzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.026	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 (0.30)	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	1.2 - 1.2	0.30	880	70
VOC	Ethyl Benzene	LS-A-C01	Innovation Campus	28	U (0.22) - 0.00060	0.0057	880	70
VOC	Ethyl Benzene	LS-A-C02	Innovation Campus	12	U (0.30) - 0.11	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	0.048 - 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 (0.0012)	0.00058	880	70
VOC	Ethyl Benzene	LS-A-D05	Innovation Campus	6	0.040 - 0.040	0.049	880	70
VOC	Ethyl Benzene	LS-A-D06	Innovation Campus	2	U (0.027)	0.0069	880	70
VOC	Ethyl Benzene	LS-A-D07	Innovation Campus	2	0.38 - 0.38	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	0.045 - 0.36	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 (0.63)	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 (0.73)	0.23	880	70
VOC	Ethyl Benzene	LS-A-G03	Innovation Campus	3	0.65 - 0.65	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	0.012 - 0.012	0.0065	880	70
VOC	Ethyl Benzene	LS-A-H03	Innovation Campus	2	U (0.0012)	0.00059	880	70
VOC	Ethyl Benzene	LS-A-H04	Innovation Campus	2	U (0.021)	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 (0.018) - 0.40	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) - 1.7	0.68	880	70
VOC	Ethyl Benzene	LS-B-G02	Innovation Campus	1	U (0.0014)	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 (1.3) - 2.3	0.13	880	70
VOC	Ethyl Benzene	LS-E-G01	Innovation Campus	4	U (0.23)	0.058	880	70
VOC	Ethyl Benzene	ParcelB-01	Innovation Campus	2	U (3.1)	0.83	880	70
VOC	Ethyl Benzene	ParcelB-02	Innovation Campus	6	U (0.49) - 0.086	0.089	880	70
VOC	Ethyl Benzene	ParcelB-03	Innovation Campus	3	U (0.24) - 0.25	0.084	880	70
VOC	Ethyl Benzene	ParcelB-04	Innovation Campus	3	U (0.44)	0.14	880	70
VOC	Ethyl Benzene	ParcelB-06	Innovation Campus	2	U (0.19)	0.048	880	70
VOC	Ethyl Benzene	ParcelB-07	Innovation Campus	6	U (0.23)	0.041	880	70
VOC	Ethyl Benzene	ParcelB-08	Innovation Campus	2	U (0.52)	0.13	880	70
VOC	Ethyl Benzene	ParcelB-10	Innovation Campus	3	U (0.38)	0.087	880	70
VOC	Ethyl Benzene	ParcelB-12	Innovation Campus	2	U (0.38)	0.15	880	70
VOC	Ethyl Benzene	ParcelB-13	Innovation Campus	2	U (0.40)	0.15	880	70
VOC	Ethyl Benzene	ParcelB-14	Innovation Campus	3	U (0.38) - 0.026	0.072	880	70
VOC	Ethyl Benzene	ParcelB-15	Innovation Campus	2	0.65 - 0.65	0.33	880	70
VOC	Ethyl Benzene	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	880	70
VOC	Ethyl Benzene	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	880	70
VOC	Ethyl Benzene	ParcelB-20	Innovation Campus	3	6.6 - 6.6	2.3	880	70
VOC	Ethyl Benzene	ParcelB-21	Innovation Campus	3	U (0.24)	0.040	880	70
VOC	Methyl tert-butyl ether	101-D20-C	Innovation Campus	21	U (0.0030)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	101-G24-C	Innovation Campus	2	U (0.0014)	0.00063	8500	2.0
VOC	Methyl tert-butyl ether	101-G26-C	Innovation Campus	1	U (0.21)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	101-H24-C	Innovation Campus	2	U (0.0011)	0.00050	8500	2.0
VOC	Methyl tert-butyl ether	101-I23-C	Innovation Campus	1	U (0.23)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	101-I25-C	Innovation Campus	2	U (0.11)	0.028	8500	2.0
VOC	Methyl tert-butyl ether	101-J23-C	Innovation Campus	2	U (0.099)	0.025	8500	2.0
VOC	Methyl tert-butyl ether	101-L31-C	Innovation Campus	2	U (0.0013)	0.00065	8500	2.0
VOC	Methyl tert-butyl ether	101-U37-C	Innovation Campus	5	U (0.18)	0.021	8500	2.0

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	102-E08-C	Innovation Campus	3	U (0.44)	0.14	8500	2.0
VOC	Methyl tert-butyl ether	102-G23-C	Innovation Campus	2	U (0.028) - 0.0030	0.0084	8500	2.0
VOC	Methyl tert-butyl ether	103-A10-C	Innovation Campus	6	U (0.52)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	103-A10-S	Innovation Campus	2	U (0.52)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	103-A14-S	Innovation Campus	1	U (0.38)	0.19	8500	2.0
VOC	Methyl tert-butyl ether	103-A15-S	Innovation Campus	2	U (0.14)	0.035	8500	2.0
VOC	Methyl tert-butyl ether	103-A17-S	Innovation Campus	1	U (0.23)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	103-H01-C	Innovation Campus	2	U (0.40)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	104-K10-C	Innovation Campus	2	U (0.024)	0.0063	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-A01	Innovation Campus	1	U (0.24)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-A02	Innovation Campus	2	U (0.30)	0.075	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-A03	Innovation Campus	1	U (0.0014)	0.00070	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-A04	Innovation Campus	3	U (0.28)	0.093	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-B02	Innovation Campus	14	U (0.0024)	0.00091	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-B03	Innovation Campus	4	U (0.059)	0.0078	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-C01	Innovation Campus	28	U (0.22) - 0.088	0.010	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-C02	Innovation Campus	12	U (0.30)	0.023	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-C04	Innovation Campus	3	U (0.21)	0.039	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D01	Innovation Campus	5	U (0.24)	0.073	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D02	Innovation Campus	1	U (0.23)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D03	Innovation Campus	3	U (0.26)	0.044	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D04	Innovation Campus	2	U (0.0012)	0.00058	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D05	Innovation Campus	6	U (0.27)	0.045	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D06	Innovation Campus	2	U (0.027)	0.0069	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-D07	Innovation Campus	2	U (0.14)	0.035	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E01	Innovation Campus	3	U (3.1)	0.53	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E03	Innovation Campus	1	U (0.23)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E04	Innovation Campus	2	U (0.16)	0.045	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E05	Innovation Campus	1	U (0.22)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E07	Innovation Campus	1	U (0.24)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-E08	Innovation Campus	1	U (0.17)	0.085	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-F01	Innovation Campus	3	U (0.63)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-F02	Innovation Campus	3	U (0.26)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-F03	Innovation Campus	1	U (0.19)	0.095	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-F04	Innovation Campus	12	U (0.37)	0.044	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-F05	Innovation Campus	1	U (0.32)	0.16	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-G01	Innovation Campus	3	U (3.1)	0.56	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-G02	Innovation Campus	2	U (0.73)	0.23	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-G03	Innovation Campus	3	0.44 - 0.44	0.21	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-G07	Innovation Campus	3	U (0.24)	0.040	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-G08	Innovation Campus	2	U (0.0013)	0.00061	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-H03	Innovation Campus	2	U (0.0012)	0.00059	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-H04	Innovation Campus	2	U (0.021)	0.0055	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-H06	Innovation Campus	1	U (0.19)	0.095	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-H07	Innovation Campus	2	U (0.018)	0.0089	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-I01	Innovation Campus	6	U (0.38)	0.069	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-I02	Innovation Campus	1	U (0.18)	0.090	8500	2.0
VOC	Methyl tert-butyl ether	LS-A-I03	Innovation Campus	3	U (0.22)	0.060	8500	2.0
VOC	Methyl tert-butyl ether	LS-B-B01	Innovation Campus	1	U (0.0035)	0.0018	8500	2.0
VOC	Methyl tert-butyl ether	LS-B-C01	Innovation Campus	3	U (0.25)	0.049	8500	2.0
VOC	Methyl tert-butyl ether	LS-B-E01	Innovation Campus	4	U (0.27)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	LS-B-G02	Innovation Campus	1	U (0.0014)	0.00069	8500	2.0
VOC	Methyl tert-butyl ether	LS-B-H02	Innovation Campus	3	U (0.29)	0.088	8500	2.0
VOC	Methyl tert-butyl ether	LS-E-B01	Innovation Campus	94	U (1.3)	0.030	8500	2.0
VOC	Methyl tert-butyl ether	LS-E-G01	Innovation Campus	4	U (0.23)	0.058	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-01	Innovation Campus	2	U (3.1)	0.83	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-02	Innovation Campus	6	U (0.49)	0.075	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-03	Innovation Campus	3	U (0.24)	0.040	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-04	Innovation Campus	3	U (0.44)	0.14	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-06	Innovation Campus	2	U (0.19)	0.048	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-07	Innovation Campus	6	U (0.23)	0.041	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-08	Innovation Campus	2	U (0.52)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-10	Innovation Campus	3	U (0.38)	0.087	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-12	Innovation Campus	2	U (0.38)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-13	Innovation Campus	2	U (0.40)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-14	Innovation Campus	3	U (0.38)	0.068	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-15	Innovation Campus	2	0.44 - 0.44	0.22	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-20	Innovation Campus	3	U (0.26)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	ParcelB-21	Innovation Campus	3	U (0.24)	0.040	8500	2.0
VOC	Toluene	101-D20-C	Innovation Campus	21	U (0.19) - 0.99	0.048	10000	100
VOC	Toluene	101-G24-C	Innovation Campus	2	U (0.0071)	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	U (0.0011) - 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 (0.0066)	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 (2.0)	0.41	10000	100
VOC	Toluene	102-G23-C	Innovation Campus	2	U (0.14)	0.036	10000	100
VOC	Toluene	103-A10-C	Innovation Campus	6	U (2.6)	0.33	10000	100

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	103-A10-S	Innovation Campus	2	U (2.6)	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 (0.70)	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 (0.30)	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) - 0.34	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	0.18 - 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 (0.0061)	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 (0.13)	0.019	10000	100
VOC	Toluene	LS-A-D07	Innovation Campus	2	U (0.69)	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	U (0.79) - 1.2	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 (3.2)	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 (3.7)	1.2	10000	100
VOC	Toluene	LS-A-G03	Innovation Campus	3	U (0.97)	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	0.017 - 0.017	0.010	10000	100
VOC	Toluene	LS-A-H03	Innovation Campus	2	U (0.0059)	0.0030	10000	100
VOC	Toluene	LS-A-H04	Innovation Campus	2	U (0.10) - 0.0066	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 (0.092) - 0.12	0.082	10000	100
VOC	Toluene	LS-A-I01	Innovation Campus	6	U (0.95)	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 (0.71)	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 (1.1) - 2.0	0.84	10000	100
VOC	Toluene	LS-B-G02	Innovation Campus	1	U (0.0069)	0.0035	10000	100
VOC	Toluene	LS-B-H02	Innovation Campus	3	U (1.2)	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	Toluene	ParcelB-01	Innovation Campus	2	0.23 - 0.23	0.89	10000	100
VOC	Toluene	ParcelB-02	Innovation Campus	6	U (2.5) - 0.022	0.38	10000	100
VOC	Toluene	ParcelB-03	Innovation Campus	3	U (0.24) - 0.42	0.14	10000	100
VOC	Toluene	ParcelB-04	Innovation Campus	3	U (2.0)	0.41	10000	100
VOC	Toluene	ParcelB-06	Innovation Campus	2	U (0.95)	0.24	10000	100
VOC	Toluene	ParcelB-07	Innovation Campus	6	U (0.26)	0.068	10000	100
VOC	Toluene	ParcelB-08	Innovation Campus	2	U (2.6)	0.65	10000	100
VOC	Toluene	ParcelB-10	Innovation Campus	3	U (0.70)	0.18	10000	100
VOC	Toluene	ParcelB-12	Innovation Campus	2	U (0.38)	0.15	10000	100
VOC	Toluene	ParcelB-13	Innovation Campus	2	0.42 - 0.99	0.71	10000	100
VOC	Toluene	ParcelB-14	Innovation Campus	3	U (0.38)	0.084	10000	100
VOC	Toluene	ParcelB-15	Innovation Campus	2	U (0.97)	0.24	10000	100
VOC	Toluene	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	10000	100
VOC	Toluene	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	10000	100
VOC	Toluene	ParcelB-20	Innovation Campus	3	4.2 - 4.2	1.5	10000	100
VOC	Toluene	ParcelB-21	Innovation Campus	3	U (0.24)	0.042	10000	100
VOC	1,2,4-Trimethylbenzene	101-D20-C	Innovation Campus	21	U (0.0030) - 0.0028	0.0011	4700	300
VOC	1,2,4-Trimethylbenzene	101-G24-C	Innovation Campus	2	U (0.0014)	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 (0.50)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	101-L31-C	Innovation Campus	2	U (0.0013)	0.00065	4700	300
VOC	1,2,4-Trimethylbenzene	101-U37-C	Innovation Campus	4	U (0.022)	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	102-E08-C	Innovation Campus	2	U (0.40)	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	102-G23-C	Innovation Campus	2	U (0.028)	0.0073	4700	300
VOC	1,2,4-Trimethylbenzene	103-A10-C	Innovation Campus	4	U (0.52)	0.083	4700	300
VOC	1,2,4-Trimethylbenzene	103-A10-S	Innovation Campus	2	U (0.52)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	103-A15-S	Innovation Campus	2	U (0.14)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	104-K10-C	Innovation Campus	2	U (0.024) - 0.051	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	LS-A-A04	Innovation Campus	1	U (0.0019)	0.00095	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	3.7 - 3.7	0.92	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C01	Innovation Campus	27	U (0.039) - 0.0022	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C02	Innovation Campus	11	U (0.30) - 0.24	0.037	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-C04	Innovation Campus	2	U (0.025) - 0.045	0.023	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D01	Innovation Campus	2	0.16 - 0.18	0.17	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D03	Innovation Campus	2	U (0.0013)	0.00064	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D04	Innovation Campus	2	U (0.0012)	0.00058	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D05	Innovation Campus	4	0.59 - 0.59	0.15	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D06	Innovation Campus	2	U (0.027)	0.0069	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-D07	Innovation Campus	2	U (0.14)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-E01	Innovation Campus	2	U (0.084)	0.021	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-E04	Innovation Campus	2	2.0 - 52	27	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-F01	Innovation Campus	2	U (0.63)	0.16	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-F04	Innovation Campus	8	U (0.0015)	0.00061	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G01	Innovation Campus	2	U (0.14) - 0.13	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G02	Innovation Campus	2	U (0.73)	0.23	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-G03	Innovation Campus	2	3.5 - 3.5	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	0.021 - 0.021	0.011	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H03	Innovation Campus	2	U (0.0012)	0.00059	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H04	Innovation Campus	2	U (0.021)	0.0055	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-H07	Innovation Campus	2	U (0.018) - 0.090	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-I01	Innovation Campus	4	U (0.19)	0.024	4700	300
VOC	1,2,4-Trimethylbenzene	LS-A-I03	Innovation Campus	2	U (0.14)	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 (0.022)	0.010	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-E01	Innovation Campus	2	1.5 - 59	30	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-G02	Innovation Campus	1	U (0.0014)	0.00069	4700	300
VOC	1,2,4-Trimethylbenzene	LS-B-H02	Innovation Campus	2	U (0.24)	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 (0.0013)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-02	Innovation Campus	6	0.026 - 0.32	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-03	Innovation Campus	2	U (0.0013)	0.00064	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-04	Innovation Campus	2	U (0.40)	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-06	Innovation Campus	2	U (0.19)	0.048	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-07	Innovation Campus	4	U (0.052) - 0.56	0.14	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-08	Innovation Campus	2	U (0.52)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-10	Innovation Campus	2	U (0.14)	0.035	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-14	Innovation Campus	2	U (0.024) - 0.051	0.026	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-15	Innovation Campus	2	3.5 - 3.5	1.8	4700	300
VOC	1,2,4-Trimethylbenzene	ParcelB-21	Innovation Campus	2	U (0.0013)	0.00063	4700	300
VOC	1,3,5-Trimethylbenzene	101-D20-C	Innovation Campus	21	U (0.0030) - 0.0011	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	101-G24-C	Innovation Campus	2	U (0.0014)	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 (0.50)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	101-L31-C	Innovation Campus	2	U (0.0013)	0.00065	4700	93
VOC	1,3,5-Trimethylbenzene	101-U37-C	Innovation Campus	4	U (0.022)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	102-E08-C	Innovation Campus	2	U (0.40)	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	102-G23-C	Innovation Campus	2	U (0.028)	0.0073	4700	93
VOC	1,3,5-Trimethylbenzene	103-A10-C	Innovation Campus	4	U (0.52)	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	103-A10-S	Innovation Campus	2	U (0.52)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	103-A15-S	Innovation Campus	2	U (0.14)	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)	0.00095	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	8.4 - 8.4	2.1	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C01	Innovation Campus	27	U (0.039) - 0.0024	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C02	Innovation Campus	11	U (0.30) - 0.055	0.021	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-C04	Innovation Campus	2	U (0.025) - 0.036	0.018	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D01	Innovation Campus	2	0.038 - 0.038	0.026	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D03	Innovation Campus	2	U (0.0013)	0.00064	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D04	Innovation Campus	2	U (0.0012)	0.00058	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D05	Innovation Campus	4	0.47 - 0.47	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D06	Innovation Campus	2	U (0.027)	0.0069	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-D07	Innovation Campus	2	U (0.14)	0.035	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-E01	Innovation Campus	2	U (0.084)	0.021	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-E04	Innovation Campus	2	0.096 - 11	5.4	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-F01	Innovation Campus	2	U (0.63)	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-F04	Innovation Campus	8	U (0.0015)	0.00061	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G01	Innovation Campus	2	U (0.14)	0.066	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G02	Innovation Campus	2	U (0.73)	0.23	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-G03	Innovation Campus	2	1.8 - 1.8	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	0.0060 - 0.0060	0.0033	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H03	Innovation Campus	2	U (0.0012)	0.00059	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H04	Innovation Campus	2	U (0.021)	0.0055	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-H07	Innovation Campus	2	U (0.018)	0.0089	4700	93
VOC	1,3,5-Trimethylbenzene	LS-A-I01	Innovation Campus	4	U (0.19)	0.024	4700	93

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	LS-A-I03	Innovation Campus	2	U (0.14)	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 (0.022)	0.010	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-E01	Innovation Campus	2	0.95 - 19	10	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-G02	Innovation Campus	1	U (0.0014)	0.00069	4700	93
VOC	1,3,5-Trimethylbenzene	LS-B-H02	Innovation Campus	2	U (0.24)	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 (0.0013)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-02	Innovation Campus	6	U (0.49) - 0.0055	0.076	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-03	Innovation Campus	2	U (0.0013)	0.00064	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-04	Innovation Campus	2	U (0.40)	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-06	Innovation Campus	2	U (0.19)	0.048	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-07	Innovation Campus	4	U (0.052) - 0.23	0.061	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-08	Innovation Campus	2	U (0.52)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-10	Innovation Campus	2	U (0.14)	0.035	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-14	Innovation Campus	2	U (0.024)	0.0063	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-15	Innovation Campus	2	1.8 - 1.8	0.88	4700	93
VOC	1,3,5-Trimethylbenzene	ParcelB-21	Innovation Campus	2	U (0.0013)	0.00063	4700	93
VOC	Xylenes (total)	101-D20-C	Innovation Campus	21	U (0.12) - 0.0017	0.0039	7900	1000
VOC	Xylenes (total)	101-G24-C	Innovation Campus	2	U (0.0042)	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 (0.0040)	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 (1.2)	0.28	7900	1000
VOC	Xylenes (total)	102-G23-C	Innovation Campus	2	U (0.083)	0.022	7900	1000
VOC	Xylenes (total)	103-A10-C	Innovation Campus	6	U (1.6)	0.22	7900	1000
VOC	Xylenes (total)	103-A10-S	Innovation Campus	2	U (1.6)	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 (0.42)	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	0.094 - 0.094	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 (0.30)	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	6.1 - 6.1	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 (0.90) - 0.45	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	0.35 - 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 (0.0037)	0.0017	7900	1000
VOC	Xylenes (total)	LS-A-D05	Innovation Campus	6	0.67 - 0.88	0.28	7900	1000
VOC	Xylenes (total)	LS-A-D06	Innovation Campus	2	U (0.079)	0.021	7900	1000
VOC	Xylenes (total)	LS-A-D07	Innovation Campus	2	1.3 - 1.3	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 - 6.5	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 (7.0)	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
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	0.60 - 4.9	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 (0.0038) - 0.067	0.034	7900	1000
VOC	Xylenes (total)	LS-A-H03	Innovation Campus	2	U (0.0035)	0.0018	7900	1000
VOC	Xylenes (total)	LS-A-H04	Innovation Campus	2	U (0.062)	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	0.064 - 0.32	0.19	7900	1000
VOC	Xylenes (total)	LS-A-I01	Innovation Campus	6	U (0.57)	0.10	7900	1000
VOC	Xylenes (total)	LS-A-I02	Innovation Campus	1	0.20 - 0.20	0.20	7900	1000
VOC	Xylenes (total)	LS-A-I03	Innovation Campus	3	U (0.42)	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 (0.68) - 24	7.5	7900	1000
VOC	Xylenes (total)	LS-B-G02	Innovation Campus	1	U (0.0042)	0.0021	7900	1000
VOC	Xylenes (total)	LS-B-H02	Innovation Campus	3	U (0.71) - 0.61	0.32	7900	1000
VOC	Xylenes (total)	LS-E-B01	Innovation Campus	94	U (4.0) - 24	0.85	7900	1000
VOC	Xylenes (total)	LS-E-G01	Innovation Campus	4	U (0.23) - 0.042	0.068	7900	1000
VOC	Xylenes (total)	ParcelB-01	Innovation Campus	2	0.34 - 0.34	0.95	7900	1000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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)	ParcelB-02	Innovation Campus	6	U (1.5) - 0.079	0.24	7900	1000
VOC	Xylenes (total)	ParcelB-03	Innovation Campus	3	U (0.24) - 0.69	0.23	7900	1000
VOC	Xylenes (total)	ParcelB-04	Innovation Campus	3	U (1.2)	0.28	7900	1000
VOC	Xylenes (total)	ParcelB-06	Innovation Campus	2	U (0.57)	0.14	7900	1000
VOC	Xylenes (total)	ParcelB-07	Innovation Campus	6	U (0.23) - 0.49	0.12	7900	1000
VOC	Xylenes (total)	ParcelB-08	Innovation Campus	2	U (1.6)	0.39	7900	1000
VOC	Xylenes (total)	ParcelB-10	Innovation Campus	3	U (0.42)	0.13	7900	1000
VOC	Xylenes (total)	ParcelB-12	Innovation Campus	2	0.62 - 0.62	0.36	7900	1000
VOC	Xylenes (total)	ParcelB-13	Innovation Campus	2	0.36 - 3.2	1.8	7900	1000
VOC	Xylenes (total)	ParcelB-14	Innovation Campus	3	0.094 - 0.60	0.23	7900	1000
VOC	Xylenes (total)	ParcelB-15	Innovation Campus	2	4.9 - 4.9	2.5	7900	1000
VOC	Xylenes (total)	ParcelB-18	Innovation Campus	1	U (0.22)	0.11	7900	1000
VOC	Xylenes (total)	ParcelB-19	Innovation Campus	1	U (3.1)	1.6	7900	1000
VOC	Xylenes (total)	ParcelB-20	Innovation Campus	3	34 - 34	11	7900	1000
VOC	Xylenes (total)	ParcelB-21	Innovation Campus	3	U (0.24)	0.041	7900	1000
SVOC	Anthracene	101-D20-C	Innovation Campus	20	U (0.46) - 3.8	0.29	190000	350
SVOC	Anthracene	101-G24-C	Innovation Campus	2	U (0.45)	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	0.054 - 0.14	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) - 0.21	0.11	190000	350
SVOC	Anthracene	101-J23-C	Innovation Campus	2	0.10 - 0.16	0.13	190000	350
SVOC	Anthracene	101-L31-C	Innovation Campus	2	0.074 - 0.074	0.047	190000	350
SVOC	Anthracene	101-U37-C	Innovation Campus	5	U (7.4) - 0.074	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	0.11 - 0.11	5.2	190000	350
SVOC	Anthracene	103-A10-C	Innovation Campus	6	U (8.7) - 1.0	1.8	190000	350
SVOC	Anthracene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	1.0	190000	350
SVOC	Anthracene	103-A17-S	Innovation Campus	1	1.0 - 1.0	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 (0.20)	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	0.50 - 0.50	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	0.047 - 1.5	0.37	190000	350
SVOC	Anthracene	LS-A-B03	Innovation Campus	4	0.050 - 0.067	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	0.059 - 1.2	1.3	190000	350
SVOC	Anthracene	LS-A-C04	Innovation Campus	3	0.067 - 0.24	0.11	190000	350
SVOC	Anthracene	LS-A-D01	Innovation Campus	5	U (2.0)	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 (1.8)	0.48	190000	350
SVOC	Anthracene	LS-A-D05	Innovation Campus	6	U (1.0)	0.24	190000	350
SVOC	Anthracene	LS-A-D06	Innovation Campus	2	U (0.36)	0.14	190000	350
SVOC	Anthracene	LS-A-D07	Innovation Campus	2	U (3.7)	0.97	190000	350
SVOC	Anthracene	LS-A-E01	Innovation Campus	3	0.54 - 0.54	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 (4.5) - 4.5	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 (0.20)	0.10	190000	350
SVOC	Anthracene	LS-A-E08	Innovation Campus	1	U (0.98)	0.49	190000	350
SVOC	Anthracene	LS-A-F01	Innovation Campus	3	U (8.0)	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) - 0.040	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	0.23 - 1.1	0.52	190000	350
SVOC	Anthracene	LS-A-G02	Innovation Campus	2	U (0.39) - 0.25	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	4.4 - 5.0	3.2	190000	350
SVOC	Anthracene	LS-A-G08	Innovation Campus	2	U (2.1)	1.0	190000	350
SVOC	Anthracene	LS-A-H03	Innovation Campus	2	U (0.20)	0.058	190000	350
SVOC	Anthracene	LS-A-H04	Innovation Campus	2	U (2.0)	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	0.13 - 0.13	0.54	190000	350
SVOC	Anthracene	LS-A-I01	Innovation Campus	6	0.24 - 0.24	2.5	190000	350
SVOC	Anthracene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	190000	350
SVOC	Anthracene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.4	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	0.16 - 1.5	0.83	190000	350
SVOC	Anthracene	LS-B-G02	Innovation Campus	1	U (2.3)	1.1	190000	350
SVOC	Anthracene	LS-B-H02	Innovation Campus	3	U (1.0)	0.21	190000	350
SVOC	Anthracene	LS-E-B01	Innovation Campus	81	0.0010 - 74	5.1	190000	350
SVOC	Anthracene	LS-E-G01	Innovation Campus	4	U (0.97)	0.44	190000	350
SVOC	Anthracene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	190000	350
SVOC	Anthracene	ParcelB-02	Innovation Campus	6	U (8.1) - 4.4	2.1	190000	350
SVOC	Anthracene	ParcelB-03	Innovation Campus	3	U (4.7)	1.2	190000	350
SVOC	Anthracene	ParcelB-04	Innovation Campus	3	2.2 - 2.2	1.1	190000	350

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	ParcelB-06	Innovation Campus	2	0.24 - 0.24	2.0	190000	350
SVOC	Anthracene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	190000	350
SVOC	Anthracene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	190000	350
SVOC	Anthracene	ParcelB-10	Innovation Campus	3	U (5.2)	1.6	190000	350
SVOC	Anthracene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	190000	350
SVOC	Anthracene	ParcelB-13	Innovation Campus	2	U (4.7)	1.4	190000	350
SVOC	Anthracene	ParcelB-14	Innovation Campus	3	U (4.6)	0.81	190000	350
SVOC	Anthracene	ParcelB-15	Innovation Campus	2	U (0.91)	0.24	190000	350
SVOC	Anthracene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	190000	350
SVOC	Anthracene	ParcelB-19	Innovation Campus	1	1.1 - 1.1	1.1	190000	350
SVOC	Anthracene	ParcelB-20	Innovation Campus	3	11 - 11	4.6	190000	350
SVOC	Anthracene	ParcelB-21	Innovation Campus	3	4.4 - 5.0	3.2	190000	350
SVOC	Benzo(a)anthracene	101-D20-C	Innovation Campus	20	U (0.46) - 7.9	0.79	130	340
SVOC	Benzo(a)anthracene	101-G24-C	Innovation Campus	2	U (0.45) - 0.45	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	0.14 - 0.54	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	0.20 - 1.6	0.88	130	340
SVOC	Benzo(a)anthracene	101-J23-C	Innovation Campus	2	0.054 - 0.29	0.17	130	340
SVOC	Benzo(a)anthracene	101-L31-C	Innovation Campus	2	0.53 - 0.53	0.27	130	340
SVOC	Benzo(a)anthracene	101-U37-C	Innovation Campus	5	U (7.4) - 0.37	0.88	130	340
SVOC	Benzo(a)anthracene	102-E08-C	Innovation Campus	3	1.7 - 1.7	0.92	130	340
SVOC	Benzo(a)anthracene	102-G23-C	Innovation Campus	2	0.068 - 0.068	5.2	130	340
SVOC	Benzo(a)anthracene	103-A10-C	Innovation Campus	6	U (8.7) - 10	3.0	130	340
SVOC	Benzo(a)anthracene	103-A10-S	Innovation Campus	2	U (8.7)	2.7	130	340
SVOC	Benzo(a)anthracene	103-A14-S	Innovation Campus	1	10 - 10	10	130	340
SVOC	Benzo(a)anthracene	103-A15-S	Innovation Campus	2	U (3.8)	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) - 2.0	2.2	130	340
SVOC	Benzo(a)anthracene	104-K10-C	Innovation Campus	2	0.38 - 0.38	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	0.073 - 0.92	0.50	130	340
SVOC	Benzo(a)anthracene	LS-A-A03	Innovation Campus	1	1.7 - 1.7	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	0.024 - 0.30	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	0.51 - 2.7	0.92	130	340
SVOC	Benzo(a)anthracene	LS-A-D02	Innovation Campus	1	2.0 - 2.0	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 (1.8)	0.48	130	340
SVOC	Benzo(a)anthracene	LS-A-D05	Innovation Campus	6	0.22 - 0.96	0.42	130	340
SVOC	Benzo(a)anthracene	LS-A-D06	Innovation Campus	2	U (0.36)	0.14	130	340
SVOC	Benzo(a)anthracene	LS-A-D07	Innovation Campus	2	0.23 - 0.23	1.0	130	340
SVOC	Benzo(a)anthracene	LS-A-E01	Innovation Campus	3	U (1.8)	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)	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
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 (8.0)	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) - 0.10	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	0.28 - 0.28	0.34	130	340
SVOC	Benzo(a)anthracene	LS-A-G02	Innovation Campus	2	U (0.39)	0.15	130	340
SVOC	Benzo(a)anthracene	LS-A-G03	Innovation Campus	3	3.0 - 3.0	1.8	130	340
SVOC	Benzo(a)anthracene	LS-A-G07	Innovation Campus	3	17 - 25	14	130	340
SVOC	Benzo(a)anthracene	LS-A-G08	Innovation Campus	2	2.3 - 3.2	2.7	130	340
SVOC	Benzo(a)anthracene	LS-A-H03	Innovation Campus	2	0.059 - 0.35	0.20	130	340
SVOC	Benzo(a)anthracene	LS-A-H04	Innovation Campus	2	0.39 - 0.39	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	0.12 - 0.12	0.54	130	340
SVOC	Benzo(a)anthracene	LS-A-I01	Innovation Campus	6	0.22 - 0.22	2.5	130	340
SVOC	Benzo(a)anthracene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	130	340
SVOC	Benzo(a)anthracene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.2	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	0.079 - 0.079	0.56	130	340
SVOC	Benzo(a)anthracene	LS-B-G02	Innovation Campus	1	6.8 - 6.8	6.8	130	340
SVOC	Benzo(a)anthracene	LS-B-H02	Innovation Campus	3	U (1.0) - 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	1.1 - 2.0	0.99	130	340
SVOC	Benzo(a)anthracene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	130	340
SVOC	Benzo(a)anthracene	ParcelB-02	Innovation Campus	6	U (8.1) - 3.9	1.8	130	340
SVOC	Benzo(a)anthracene	ParcelB-03	Innovation Campus	3	U (4.7)	1.2	130	340
SVOC	Benzo(a)anthracene	ParcelB-04	Innovation Campus	3	1.7 - 1.7	0.92	130	340
SVOC	Benzo(a)anthracene	ParcelB-06	Innovation Campus	2	0.22 - 0.22	2.0	130	340
SVOC	Benzo(a)anthracene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	130	340
SVOC	Benzo(a)anthracene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	130	340

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	ParcelB-10	Innovation Campus	3	U (5.2) - 10	4.0	130	340
SVOC	Benzo(a)anthracene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	130	340
SVOC	Benzo(a)anthracene	ParcelB-13	Innovation Campus	2	U (4.7) - 2.0	2.2	130	340
SVOC	Benzo(a)anthracene	ParcelB-14	Innovation Campus	3	0.38 - 0.38	0.90	130	340
SVOC	Benzo(a)anthracene	ParcelB-15	Innovation Campus	2	3.0 - 3.0	1.5	130	340
SVOC	Benzo(a)anthracene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	130	340
SVOC	Benzo(a)anthracene	ParcelB-19	Innovation Campus	1	U (1.0)	0.50	130	340
SVOC	Benzo(a)anthracene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	130	340
SVOC	Benzo(a)anthracene	ParcelB-21	Innovation Campus	3	17 - 25	14	130	340
SVOC	Benzo(a)pyrene	101-D20-C	Innovation Campus	21	U (0.93) - 6.5	0.66	91	46
SVOC	Benzo(a)pyrene	101-G24-C	Innovation Campus	2	U (0.45)	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	0.16 - 0.68	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	0.085 - 1.9	0.98	91	46
SVOC	Benzo(a)pyrene	101-J23-C	Innovation Campus	2	0.020 - 0.42	0.22	91	46
SVOC	Benzo(a)pyrene	101-L31-C	Innovation Campus	2	0.043 - 0.55	0.29	91	46
SVOC	Benzo(a)pyrene	101-U37-C	Innovation Campus	5	U (7.4) - 0.40	0.90	91	46
SVOC	Benzo(a)pyrene	102-E08-C	Innovation Campus	3	U (1.9)	0.47	91	46
SVOC	Benzo(a)pyrene	102-G23-C	Innovation Campus	2	0.040 - 0.040	5.1	91	46
SVOC	Benzo(a)pyrene	103-A10-C	Innovation Campus	6	U (8.7) - 6.5	2.4	91	46
SVOC	Benzo(a)pyrene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.47 - 0.47	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	0.070 - 0.90	0.48	91	46
SVOC	Benzo(a)pyrene	LS-A-A03	Innovation Campus	1	2.0 - 2.0	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	0.61	91	46
SVOC	Benzo(a)pyrene	LS-A-B03	Innovation Campus	4	U (0.21) - 0.31	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 (0.20)	0.046	91	46
SVOC	Benzo(a)pyrene	LS-A-D01	Innovation Campus	5	0.48 - 0.48	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 (1.8)	0.48	91	46
SVOC	Benzo(a)pyrene	LS-A-D05	Innovation Campus	6	0.25 - 0.82	0.37	91	46
SVOC	Benzo(a)pyrene	LS-A-D06	Innovation Campus	2	U (0.20)	0.060	91	46
SVOC	Benzo(a)pyrene	LS-A-D07	Innovation Campus	2	U (3.7)	0.97	91	46
SVOC	Benzo(a)pyrene	LS-A-E01	Innovation Campus	3	U (1.8)	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 (4.5)	1.1	91	46
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 (8.0)	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	0.21 - 0.64	0.45	91	46
SVOC	Benzo(a)pyrene	LS-A-G02	Innovation Campus	2	U (0.39)	0.15	91	46
SVOC	Benzo(a)pyrene	LS-A-G03	Innovation Campus	3	3.4 - 3.4	1.9	91	46
SVOC	Benzo(a)pyrene	LS-A-G07	Innovation Campus	6	2.5 - 35	9.6	91	46
SVOC	Benzo(a)pyrene	LS-A-G08	Innovation Campus	2	2.8 - 4.3	3.6	91	46
SVOC	Benzo(a)pyrene	LS-A-H03	Innovation Campus	2	U (0.20) - 0.43	0.23	91	46
SVOC	Benzo(a)pyrene	LS-A-H04	Innovation Campus	2	U (2.0)	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	0.075 - 0.075	0.52	91	46
SVOC	Benzo(a)pyrene	LS-A-I01	Innovation Campus	6	U (8.2)	2.5	91	46
SVOC	Benzo(a)pyrene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	91	46
SVOC	Benzo(a)pyrene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.2	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) - 0.20	0.079	91	46
SVOC	Benzo(a)pyrene	LS-B-E01	Innovation Campus	4	0.057 - 0.057	0.55	91	46
SVOC	Benzo(a)pyrene	LS-B-G02	Innovation Campus	1	9.1 - 9.1	9.1	91	46
SVOC	Benzo(a)pyrene	LS-B-H02	Innovation Campus	3	U (1.0) - 6.0	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(a)pyrene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	91	46
SVOC	Benzo(a)pyrene	ParcelB-02	Innovation Campus	6	U (8.1) - 3.6	1.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-03	Innovation Campus	3	U (4.7)	1.5	91	46
SVOC	Benzo(a)pyrene	ParcelB-04	Innovation Campus	3	U (1.9)	0.47	91	46
SVOC	Benzo(a)pyrene	ParcelB-06	Innovation Campus	2	U (7.5)	1.9	91	46
SVOC	Benzo(a)pyrene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	91	46
SVOC	Benzo(a)pyrene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-10	Innovation Campus	3	U (5.2) - 6.5	2.9	91	46
SVOC	Benzo(a)pyrene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	91	46
SVOC	Benzo(a)pyrene	ParcelB-13	Innovation Campus	2	U (4.7) - 2.6	2.5	91	46

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	ParcelB-14	Innovation Campus	3	0.47 - 0.47	0.93	91	46
SVOC	Benzo(a)pyrene	ParcelB-15	Innovation Campus	2	3.4 - 3.4	1.7	91	46
SVOC	Benzo(a)pyrene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	91	46
SVOC	Benzo(a)pyrene	ParcelB-19	Innovation Campus	1	U (1.0)	0.50	91	46
SVOC	Benzo(a)pyrene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	91	46
SVOC	Benzo(a)pyrene	ParcelB-21	Innovation Campus	6	2.5 - 35	9.6	91	46
SVOC	Benzo(b)fluoranthene	101-D20-C	Innovation Campus	20	U (0.93) - 8.1	0.88	76	170
SVOC	Benzo(b)fluoranthene	101-G24-C	Innovation Campus	2	U (0.45) - 0.47	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	0.18 - 0.72	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	0.076 - 1.9	0.97	76	170
SVOC	Benzo(b)fluoranthene	101-J23-C	Innovation Campus	2	U (0.036) - 0.46	0.24	76	170
SVOC	Benzo(b)fluoranthene	101-L31-C	Innovation Campus	2	0.059 - 0.75	0.40	76	170
SVOC	Benzo(b)fluoranthene	101-U37-C	Innovation Campus	5	U (7.4) - 0.64	0.97	76	170
SVOC	Benzo(b)fluoranthene	102-E08-C	Innovation Campus	3	U (1.9)	0.47	76	170
SVOC	Benzo(b)fluoranthene	102-G23-C	Innovation Campus	2	0.037 - 0.037	5.1	76	170
SVOC	Benzo(b)fluoranthene	103-A10-C	Innovation Campus	6	U (8.7)	1.8	76	170
SVOC	Benzo(b)fluoranthene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.60 - 0.60	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	0.090 - 1.2	0.64	76	170
SVOC	Benzo(b)fluoranthene	LS-A-A03	Innovation Campus	1	3.1 - 3.1	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 (0.21) - 0.35	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 (0.20)	0.046	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D01	Innovation Campus	5	0.67 - 0.67	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 (1.8)	0.48	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D05	Innovation Campus	6	0.29 - 0.43	0.35	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D06	Innovation Campus	2	U (0.20)	0.060	76	170
SVOC	Benzo(b)fluoranthene	LS-A-D07	Innovation Campus	2	U (3.7)	0.97	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E01	Innovation Campus	3	U (1.8)	0.53	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E03	Innovation Campus	1	0.94 - 0.94	0.94	76	170
SVOC	Benzo(b)fluoranthene	LS-A-E04	Innovation Campus	2	U (4.5)	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 (8.0)	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) - 0.66	0.42	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G02	Innovation Campus	2	U (0.39)	0.15	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G03	Innovation Campus	3	3.0 - 3.0	1.8	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G07	Innovation Campus	3	0.29 - 50	23	76	170
SVOC	Benzo(b)fluoranthene	LS-A-G08	Innovation Campus	2	3.7 - 6.3	5.0	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H03	Innovation Campus	2	U (0.20) - 0.44	0.23	76	170
SVOC	Benzo(b)fluoranthene	LS-A-H04	Innovation Campus	2	U (2.0)	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	0.091 - 0.091	0.53	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I01	Innovation Campus	6	U (8.2)	2.5	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	76	170
SVOC	Benzo(b)fluoranthene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.4	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	0.049 - 0.049	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 (1.0) - 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	1.0 - 1.6	1.0	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-02	Innovation Campus	6	U (8.1) - 3.1	1.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-03	Innovation Campus	3	U (4.7)	1.5	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-04	Innovation Campus	3	U (1.9)	0.47	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-06	Innovation Campus	2	U (7.5)	1.9	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-10	Innovation Campus	3	U (5.2)	1.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-13	Innovation Campus	2	2.5 - 6.3	4.4	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-14	Innovation Campus	3	0.60 - 0.60	0.97	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-15	Innovation Campus	2	3.0 - 3.0	1.5	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	76	170

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	ParcelB-19	Innovation Campus	1	U (1.0)	0.50	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	76	170
SVOC	Benzo(b)fluoranthene	ParcelB-21	Innovation Campus	3	0.29 - 50	23	76	170
SVOC	Benzo(g,h,i)perylene	101-D20-C	Innovation Campus	20	U (0.93) - 3.3	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	101-G24-C	Innovation Campus	2	U (0.45)	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	0.083 - 1.9	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	0.17 - 0.17	0.095	190000	180
SVOC	Benzo(g,h,i)perylene	101-U37-C	Innovation Campus	5	U (7.4) - 0.37	0.83	190000	180
SVOC	Benzo(g,h,i)perylene	102-E08-C	Innovation Campus	3	U (1.9)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	102-G23-C	Innovation Campus	2	U (21)	5.1	190000	180
SVOC	Benzo(g,h,i)perylene	103-A10-C	Innovation Campus	6	U (8.7) - 7.1	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.24 - 0.24	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	0.060 - 0.73	0.39	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-A03	Innovation Campus	1	2.3 - 2.3	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	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-B03	Innovation Campus	4	U (0.21) - 0.22	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 (0.20)	0.046	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D01	Innovation Campus	5	0.15 - 0.15	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	0.35	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D04	Innovation Campus	2	U (1.8)	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D05	Innovation Campus	6	U (1.0)	0.24	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D06	Innovation Campus	2	U (0.20) - 0.22	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-D07	Innovation Campus	2	U (3.7)	0.97	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-E01	Innovation Campus	3	U (1.8)	0.53	190000	180
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 (4.5)	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 (8.0)	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 (1.0) - 1.0	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G02	Innovation Campus	2	U (0.39)	0.15	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G03	Innovation Campus	3	1.6 - 1.6	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G07	Innovation Campus	3	8.0 - 9.7	5.9	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-G08	Innovation Campus	2	U (2.1)	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H03	Innovation Campus	2	U (0.20) - 0.31	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-H04	Innovation Campus	2	U (2.0)	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 (1.9)	0.49	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-I01	Innovation Campus	6	U (8.2)	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	LS-A-I02	Innovation Campus	1	U (5.0)	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 (2.3)	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-G02	Innovation Campus	1	2.7 - 2.7	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	LS-B-H02	Innovation Campus	3	U (1.0) - 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 (2.1) - 1.7	0.90	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-02	Innovation Campus	6	U (8.1) - 1.8	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-03	Innovation Campus	3	U (4.7)	1.5	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-04	Innovation Campus	3	U (1.9)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-06	Innovation Campus	2	U (7.5)	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-10	Innovation Campus	3	U (5.2) - 7.1	3.1	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-13	Innovation Campus	2	U (4.7) - 1.8	2.1	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-14	Innovation Campus	3	0.24 - 0.24	0.85	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-15	Innovation Campus	2	1.6 - 1.6	0.79	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-19	Innovation Campus	1	1.0 - 1.0	1.0	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-20	Innovation Campus	3	U (9.7)	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	ParcelB-21	Innovation Campus	3	8.0 - 9.7	5.9	190000	180

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	101-D20-C	Innovation Campus	20	U (0.46) - 6.6	0.67	760	230
SVOC	Chrysene	101-G24-C	Innovation Campus	2	U (0.45)	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	0.15 - 0.59	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	0.50 - 1.9	1.2	760	230
SVOC	Chrysene	101-J23-C	Innovation Campus	2	0.093 - 0.35	0.22	760	230
SVOC	Chrysene	101-L31-C	Innovation Campus	2	0.46 - 0.46	0.24	760	230
SVOC	Chrysene	101-U37-C	Innovation Campus	5	U (7.4) - 0.44	0.91	760	230
SVOC	Chrysene	102-E08-C	Innovation Campus	3	2.0 - 2.0	1.0	760	230
SVOC	Chrysene	102-G23-C	Innovation Campus	2	0.15 - 0.15	5.2	760	230
SVOC	Chrysene	103-A10-C	Innovation Campus	6	U (8.7) - 15	3.8	760	230
SVOC	Chrysene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.36 - 0.36	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	0.068 - 0.95	0.51	760	230
SVOC	Chrysene	LS-A-A03	Innovation Campus	1	2.3 - 2.3	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	0.048 - 3.3	0.64	760	230
SVOC	Chrysene	LS-A-B03	Innovation Campus	4	0.025 - 0.33	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	0.48 - 3.7	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 (1.8)	0.48	760	230
SVOC	Chrysene	LS-A-D05	Innovation Campus	6	0.23 - 1.9	0.67	760	230
SVOC	Chrysene	LS-A-D06	Innovation Campus	2	U (0.36)	0.14	760	230
SVOC	Chrysene	LS-A-D07	Innovation Campus	2	0.37 - 0.37	1.1	760	230
SVOC	Chrysene	LS-A-E01	Innovation Campus	3	0.49 - 0.49	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)	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 (8.0)	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 (0.39)	0.15	760	230
SVOC	Chrysene	LS-A-G03	Innovation Campus	3	6.1 - 6.1	2.8	760	230
SVOC	Chrysene	LS-A-G07	Innovation Campus	3	0.24 - 21	12	760	230
SVOC	Chrysene	LS-A-G08	Innovation Campus	2	2.2 - 3.2	2.7	760	230
SVOC	Chrysene	LS-A-H03	Innovation Campus	2	0.22 - 0.43	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	0.18 - 0.18	0.57	760	230
SVOC	Chrysene	LS-A-I01	Innovation Campus	6	0.47 - 0.47	2.5	760	230
SVOC	Chrysene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	760	230
SVOC	Chrysene	LS-A-I03	Innovation Campus	3	U (0.94) - 3.6	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 - 2.7	1.6	760	230
SVOC	Chrysene	LS-B-G02	Innovation Campus	1	7.2 - 7.2	7.2	760	230
SVOC	Chrysene	LS-B-H02	Innovation Campus	3	U (1.0) - 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	1.0 - 4.0	1.9	760	230
SVOC	Chrysene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	760	230
SVOC	Chrysene	ParcelB-02	Innovation Campus	6	U (8.1) - 4.4	1.9	760	230
SVOC	Chrysene	ParcelB-03	Innovation Campus	3	2.9 - 6.9	3.3	760	230
SVOC	Chrysene	ParcelB-04	Innovation Campus	3	2.0 - 2.0	1.0	760	230
SVOC	Chrysene	ParcelB-06	Innovation Campus	2	0.47 - 0.47	2.1	760	230
SVOC	Chrysene	ParcelB-07	Innovation Campus	6	U (9.4) - 0.24	2.3	760	230
SVOC	Chrysene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	760	230
SVOC	Chrysene	ParcelB-10	Innovation Campus	3	U (5.2) - 15	5.7	760	230
SVOC	Chrysene	ParcelB-12	Innovation Campus	2	7.2 - 7.2	3.6	760	230
SVOC	Chrysene	ParcelB-13	Innovation Campus	2	1.9 - 6.9	4.4	760	230
SVOC	Chrysene	ParcelB-14	Innovation Campus	3	0.36 - 0.36	0.89	760	230
SVOC	Chrysene	ParcelB-15	Innovation Campus	2	6.1 - 6.1	3.0	760	230
SVOC	Chrysene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	760	230
SVOC	Chrysene	ParcelB-19	Innovation Campus	1	1.4 - 1.4	1.4	760	230
SVOC	Chrysene	ParcelB-20	Innovation Campus	3	13 - 13	5.3	760	230
SVOC	Chrysene	ParcelB-21	Innovation Campus	3	0.24 - 21	12	760	230
SVOC	Fluorene	101-D20-C	Innovation Campus	20	U (0.46) - 1.8	0.16	130000	3800
SVOC	Fluorene	101-G24-C	Innovation Campus	2	U (0.45)	0.12	130000	3800
SVOC	Fluorene	101-G26-C	Innovation Campus	1	U (0.98)	0.49	130000	3800

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	101-H24-C	Innovation Campus	2	0.020 - 0.020	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	1.0 - 1.0	0.52	130000	3800
SVOC	Fluorene	101-J23-C	Innovation Campus	2	0.027 - 0.34	0.18	130000	3800
SVOC	Fluorene	101-L31-C	Innovation Campus	2	U (0.044)	0.021	130000	3800
SVOC	Fluorene	101-U37-C	Innovation Campus	5	0.049 - 0.073	0.78	130000	3800
SVOC	Fluorene	102-E08-C	Innovation Campus	3	4.8 - 4.8	1.9	130000	3800
SVOC	Fluorene	102-G23-C	Innovation Campus	2	0.050 - 0.050	5.1	130000	3800
SVOC	Fluorene	103-A10-C	Innovation Campus	6	U (8.7) - 2.1	2.0	130000	3800
SVOC	Fluorene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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 (0.20)	0.060	130000	3800
SVOC	Fluorene	LS-A-A01	Innovation Campus	1	2.0 - 2.0	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	0.19 - 0.19	0.19	130000	3800
SVOC	Fluorene	LS-A-A04	Innovation Campus	3	0.23 - 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 (0.21)	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	0.10 - 0.28	0.21	130000	3800
SVOC	Fluorene	LS-A-D01	Innovation Campus	5	U (2.0) - 6.0	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
SVOC	Fluorene	LS-A-D04	Innovation Campus	2	U (1.8)	0.48	130000	3800
SVOC	Fluorene	LS-A-D05	Innovation Campus	6	U (1.0) - 1.1	0.34	130000	3800
SVOC	Fluorene	LS-A-D06	Innovation Campus	2	0.12 - 0.12	0.11	130000	3800
SVOC	Fluorene	LS-A-D07	Innovation Campus	2	0.73 - 0.73	1.3	130000	3800
SVOC	Fluorene	LS-A-E01	Innovation Campus	3	0.41 - 0.41	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 (4.5) - 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	9.1 - 9.1	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	0.94 - 1.2	1.1	130000	3800
SVOC	Fluorene	LS-A-G02	Innovation Campus	2	1.1 - 1.4	1.3	130000	3800
SVOC	Fluorene	LS-A-G03	Innovation Campus	3	1.1 - 1.1	1.1	130000	3800
SVOC	Fluorene	LS-A-G07	Innovation Campus	3	U (4.3)	0.93	130000	3800
SVOC	Fluorene	LS-A-G08	Innovation Campus	2	U (2.1)	1.0	130000	3800
SVOC	Fluorene	LS-A-H03	Innovation Campus	2	0.34 - 0.34	0.22	130000	3800
SVOC	Fluorene	LS-A-H04	Innovation Campus	2	0.30 - 0.30	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	0.17 - 0.17	0.56	130000	3800
SVOC	Fluorene	LS-A-I01	Innovation Campus	6	1.1 - 1.1	2.6	130000	3800
SVOC	Fluorene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	130000	3800
SVOC	Fluorene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.1	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	0.34 - 5.8	2.3	130000	3800
SVOC	Fluorene	LS-B-G02	Innovation Campus	1	U (2.3)	1.1	130000	3800
SVOC	Fluorene	LS-B-H02	Innovation Campus	3	0.050 - 0.050	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) - 0.90	0.56	130000	3800
SVOC	Fluorene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	130000	3800
SVOC	Fluorene	ParcelB-02	Innovation Campus	6	U (8.1) - 4.2	2.5	130000	3800
SVOC	Fluorene	ParcelB-03	Innovation Campus	3	U (4.7) - 10	3.7	130000	3800
SVOC	Fluorene	ParcelB-04	Innovation Campus	3	4.8 - 4.8	1.9	130000	3800
SVOC	Fluorene	ParcelB-06	Innovation Campus	2	1.1 - 1.1	2.4	130000	3800
SVOC	Fluorene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	130000	3800
SVOC	Fluorene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	130000	3800
SVOC	Fluorene	ParcelB-10	Innovation Campus	3	U (5.2)	1.6	130000	3800
SVOC	Fluorene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	130000	3800
SVOC	Fluorene	ParcelB-13	Innovation Campus	2	U (4.7)	1.4	130000	3800
SVOC	Fluorene	ParcelB-14	Innovation Campus	3	U (4.6)	0.81	130000	3800
SVOC	Fluorene	ParcelB-15	Innovation Campus	2	1.1 - 1.1	0.54	130000	3800
SVOC	Fluorene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	130000	3800
SVOC	Fluorene	ParcelB-19	Innovation Campus	1	1.2 - 1.2	1.2	130000	3800
SVOC	Fluorene	ParcelB-20	Innovation Campus	3	21 - 21	8.0	130000	3800
SVOC	Fluorene	ParcelB-21	Innovation Campus	3	U (4.3)	0.93	130000	3800
SVOC	Naphthalene	101-D20-C	Innovation Campus	21	U (0.46) - 8.1	0.53	66	25
SVOC	Naphthalene	101-G24-C	Innovation Campus	2	U (0.45)	0.12	66	25
SVOC	Naphthalene	101-G26-C	Innovation Campus	1	1.0 - 1.0	1.0	66	25
SVOC	Naphthalene	101-H24-C	Innovation Campus	2	0.015 - 0.015	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) - 0.077	0.047	66	25

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	101-J23-C	Innovation Campus	2	U (0.036) - 0.019	0.018	66	25
SVOC	Naphthalene	101-L31-C	Innovation Campus	2	U (0.044)	0.021	66	25
SVOC	Naphthalene	101-U37-C	Innovation Campus	5	U (7.4) - 0.14	0.79	66	25
SVOC	Naphthalene	102-E08-C	Innovation Campus	3	U (1.9)	0.47	66	25
SVOC	Naphthalene	102-G23-C	Innovation Campus	2	U (21)	5.1	66	25
SVOC	Naphthalene	103-A10-C	Innovation Campus	6	U (8.7)	1.8	66	25
SVOC	Naphthalene	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.22 - 0.22	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	0.018 - 0.018	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 - 0.38	0.28	66	25
SVOC	Naphthalene	LS-A-B02	Innovation Campus	14	U (1.9) - 0.062	0.23	66	25
SVOC	Naphthalene	LS-A-B03	Innovation Campus	4	3.3 - 3.3	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 - 0.19	1.1	66	25
SVOC	Naphthalene	LS-A-C04	Innovation Campus	3	U (0.20)	0.046	66	25
SVOC	Naphthalene	LS-A-D01	Innovation Campus	5	0.050 - 0.050	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 (1.8)	0.48	66	25
SVOC	Naphthalene	LS-A-D05	Innovation Campus	6	U (1.0) - 0.24	0.27	66	25
SVOC	Naphthalene	LS-A-D06	Innovation Campus	2	U (0.20)	0.060	66	25
SVOC	Naphthalene	LS-A-D07	Innovation Campus	2	U (3.7)	0.97	66	25
SVOC	Naphthalene	LS-A-E01	Innovation Campus	3	U (1.8)	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	0.093 - 17	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 (8.0)	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	0.32 - 0.32	0.35	66	25
SVOC	Naphthalene	LS-A-G02	Innovation Campus	2	U (0.39)	0.15	66	25
SVOC	Naphthalene	LS-A-G03	Innovation Campus	3	4.7 - 4.7	2.3	66	25
SVOC	Naphthalene	LS-A-G07	Innovation Campus	3	U (4.3)	0.93	66	25
SVOC	Naphthalene	LS-A-G08	Innovation Campus	2	U (2.1)	1.0	66	25
SVOC	Naphthalene	LS-A-H03	Innovation Campus	2	U (0.20)	0.058	66	25
SVOC	Naphthalene	LS-A-H04	Innovation Campus	2	U (2.0)	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 (1.9)	0.49	66	25
SVOC	Naphthalene	LS-A-I01	Innovation Campus	6	2.8 - 2.8	2.9	66	25
SVOC	Naphthalene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	66	25
SVOC	Naphthalene	LS-A-I03	Innovation Campus	3	U (0.94) - 2.9	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 (2.3) - 11	3.6	66	25
SVOC	Naphthalene	LS-B-G02	Innovation Campus	1	U (2.3)	1.1	66	25
SVOC	Naphthalene	LS-B-H02	Innovation Campus	3	U (1.0) - 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
SVOC	Naphthalene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	66	25
SVOC	Naphthalene	ParcelB-02	Innovation Campus	6	U (8.1) - 2.9	1.5	66	25
SVOC	Naphthalene	ParcelB-03	Innovation Campus	3	U (4.7)	1.2	66	25
SVOC	Naphthalene	ParcelB-04	Innovation Campus	3	U (1.9)	0.47	66	25
SVOC	Naphthalene	ParcelB-06	Innovation Campus	2	2.8 - 2.8	3.3	66	25
SVOC	Naphthalene	ParcelB-07	Innovation Campus	6	U (9.4)	2.3	66	25
SVOC	Naphthalene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	66	25
SVOC	Naphthalene	ParcelB-10	Innovation Campus	3	U (5.2)	1.6	66	25
SVOC	Naphthalene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	66	25
SVOC	Naphthalene	ParcelB-13	Innovation Campus	2	5.9 - 5.9	3.2	66	25
SVOC	Naphthalene	ParcelB-14	Innovation Campus	3	0.22 - 0.22	0.85	66	25
SVOC	Naphthalene	ParcelB-15	Innovation Campus	2	4.7 - 4.7	2.4	66	25
SVOC	Naphthalene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	66	25
SVOC	Naphthalene	ParcelB-19	Innovation Campus	1	U (1.0)	0.50	66	25
SVOC	Naphthalene	ParcelB-20	Innovation Campus	3	18 - 18	7.0	66	25
SVOC	Naphthalene	ParcelB-21	Innovation Campus	3	U (4.3)	0.93	66	25
SVOC	Phenanthrene	101-D20-C	Innovation Campus	20	U (0.46) - 15	1.2	190000	10000
SVOC	Phenanthrene	101-G24-C	Innovation Campus	2	U (0.45) - 0.56	0.29	190000	10000
SVOC	Phenanthrene	101-G26-C	Innovation Campus	1	4.5 - 4.5	4.5	190000	10000
SVOC	Phenanthrene	101-H24-C	Innovation Campus	2	0.16 - 0.43	0.30	190000	10000
SVOC	Phenanthrene	101-I23-C	Innovation Campus	1	U (0.19)	0.095	190000	10000
SVOC	Phenanthrene	101-I25-C	Innovation Campus	2	0.91 - 1.5	1.2	190000	10000
SVOC	Phenanthrene	101-J23-C	Innovation Campus	2	0.41 - 0.95	0.68	190000	10000
SVOC	Phenanthrene	101-L31-C	Innovation Campus	2	0.26 - 0.26	0.14	190000	10000
SVOC	Phenanthrene	101-U37-C	Innovation Campus	5	U (7.4) - 0.45	0.90	190000	10000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	102-E08-C	Innovation Campus	3	14 - 14	4.9	190000	10000
SVOC	Phenanthrene	102-G23-C	Innovation Campus	2	U (21)	5.1	190000	10000
SVOC	Phenanthrene	103-A10-C	Innovation Campus	6	4.8 - 14	6.5	190000	10000
SVOC	Phenanthrene	103-A10-S	Innovation Campus	2	13 - 13	7.0	190000	10000
SVOC	Phenanthrene	103-A14-S	Innovation Campus	1	14 - 14	14	190000	10000
SVOC	Phenanthrene	103-A15-S	Innovation Campus	2	4.8 - 4.8	2.5	190000	10000
SVOC	Phenanthrene	103-A17-S	Innovation Campus	1	5.9 - 5.9	5.9	190000	10000
SVOC	Phenanthrene	103-H01-C	Innovation Campus	2	1.7 - 8.5	5.1	190000	10000
SVOC	Phenanthrene	104-K10-C	Innovation Campus	2	0.26 - 0.26	0.14	190000	10000
SVOC	Phenanthrene	LS-A-A01	Innovation Campus	1	26 - 26	26	190000	10000
SVOC	Phenanthrene	LS-A-A02	Innovation Campus	2	0.074 - 1.4	0.74	190000	10000
SVOC	Phenanthrene	LS-A-A03	Innovation Campus	1	3.1 - 3.1	3.1	190000	10000
SVOC	Phenanthrene	LS-A-A04	Innovation Campus	3	1.5 - 7.2	3.8	190000	10000
SVOC	Phenanthrene	LS-A-B02	Innovation Campus	14	0.10 - 4.7	0.98	190000	10000
SVOC	Phenanthrene	LS-A-B03	Innovation Campus	4	0.19 - 0.22	0.13	190000	10000
SVOC	Phenanthrene	LS-A-C01	Innovation Campus	28	U (19) - 380	21	190000	10000
SVOC	Phenanthrene	LS-A-C02	Innovation Campus	12	0.068 - 8.5	2.1	190000	10000
SVOC	Phenanthrene	LS-A-C04	Innovation Campus	3	0.21 - 0.83	0.53	190000	10000
SVOC	Phenanthrene	LS-A-D01	Innovation Campus	5	0.080 - 1.5	0.71	190000	10000
SVOC	Phenanthrene	LS-A-D02	Innovation Campus	1	2.1 - 2.1	2.1	190000	10000
SVOC	Phenanthrene	LS-A-D03	Innovation Campus	3	U (0.95)	0.17	190000	10000
SVOC	Phenanthrene	LS-A-D04	Innovation Campus	2	U (1.8) - 3.3	1.7	190000	10000
SVOC	Phenanthrene	LS-A-D05	Innovation Campus	6	0.24 - 2.9	0.95	190000	10000
SVOC	Phenanthrene	LS-A-D06	Innovation Campus	2	U (0.36) - 0.23	0.20	190000	10000
SVOC	Phenanthrene	LS-A-D07	Innovation Campus	2	1.6 - 1.6	1.7	190000	10000
SVOC	Phenanthrene	LS-A-E01	Innovation Campus	3	1.2 - 1.2	0.85	190000	10000
SVOC	Phenanthrene	LS-A-E03	Innovation Campus	1	1.4 - 1.4	1.4	190000	10000
SVOC	Phenanthrene	LS-A-E04	Innovation Campus	2	0.079 - 54	27	190000	10000
SVOC	Phenanthrene	LS-A-E05	Innovation Campus	1	3.7 - 3.7	3.7	190000	10000
SVOC	Phenanthrene	LS-A-E07	Innovation Campus	7	4.7 - 18	12	190000	10000
SVOC	Phenanthrene	LS-A-E08	Innovation Campus	6	4.8 - 26	12	190000	10000
SVOC	Phenanthrene	LS-A-F01	Innovation Campus	3	22 - 22	8.2	190000	10000
SVOC	Phenanthrene	LS-A-F02	Innovation Campus	3	9.7 - 58	23	190000	10000
SVOC	Phenanthrene	LS-A-F03	Innovation Campus	1	U (0.98)	0.49	190000	10000
SVOC	Phenanthrene	LS-A-F04	Innovation Campus	12	U (0.94) - 0.33	0.14	190000	10000
SVOC	Phenanthrene	LS-A-F05	Innovation Campus	1	48 - 48	48	190000	10000
SVOC	Phenanthrene	LS-A-G01	Innovation Campus	3	1.1 - 2.8	1.8	190000	10000
SVOC	Phenanthrene	LS-A-G02	Innovation Campus	2	2.1 - 3.3	2.7	190000	10000
SVOC	Phenanthrene	LS-A-G03	Innovation Campus	3	4.8 - 5.9	3.6	190000	10000
SVOC	Phenanthrene	LS-A-G07	Innovation Campus	3	0.25 - 16	9.5	190000	10000
SVOC	Phenanthrene	LS-A-G08	Innovation Campus	2	U (2.1)	1.0	190000	10000
SVOC	Phenanthrene	LS-A-H03	Innovation Campus	2	0.26 - 0.93	0.60	190000	10000
SVOC	Phenanthrene	LS-A-H04	Innovation Campus	2	0.93 - 0.93	0.97	190000	10000
SVOC	Phenanthrene	LS-A-H06	Innovation Campus	1	1.2 - 1.2	1.2	190000	10000
SVOC	Phenanthrene	LS-A-H07	Innovation Campus	2	0.42 - 2.0	1.2	190000	10000
SVOC	Phenanthrene	LS-A-I01	Innovation Campus	6	1.5 - 1.5	2.7	190000	10000
SVOC	Phenanthrene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	190000	10000
SVOC	Phenanthrene	LS-A-I03	Innovation Campus	3	U (0.94) - 7.1	2.5	190000	10000
SVOC	Phenanthrene	LS-B-B01	Innovation Campus	1	0.045 - 0.045	0.045	190000	10000
SVOC	Phenanthrene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.31	0.12	190000	10000
SVOC	Phenanthrene	LS-B-E01	Innovation Campus	4	0.96 - 16	6.5	190000	10000
SVOC	Phenanthrene	LS-B-G02	Innovation Campus	1	4.7 - 4.7	4.7	190000	10000
SVOC	Phenanthrene	LS-B-H02	Innovation Campus	3	0.16 - 1.9	0.72	190000	10000
SVOC	Phenanthrene	LS-E-B01	Innovation Campus	81	0.0049 - 320	19	190000	10000
SVOC	Phenanthrene	LS-E-G01	Innovation Campus	4	0.86 - 1.6	1.1	190000	10000
SVOC	Phenanthrene	ParcelB-01	Innovation Campus	2	6.8 - 6.8	3.6	190000	10000
SVOC	Phenanthrene	ParcelB-02	Innovation Campus	6	1.2 - 16	7.0	190000	10000
SVOC	Phenanthrene	ParcelB-03	Innovation Campus	3	U (4.7) - 26	9.0	190000	10000
SVOC	Phenanthrene	ParcelB-04	Innovation Campus	3	14 - 14	4.9	190000	10000
SVOC	Phenanthrene	ParcelB-06	Innovation Campus	2	1.5 - 1.5	2.6	190000	10000
SVOC	Phenanthrene	ParcelB-07	Innovation Campus	6	U (9.4) - 0.22	2.3	190000	10000
SVOC	Phenanthrene	ParcelB-08	Innovation Campus	2	13 - 13	7.0	190000	10000
SVOC	Phenanthrene	ParcelB-10	Innovation Campus	3	4.8 - 14	6.3	190000	10000
SVOC	Phenanthrene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	190000	10000
SVOC	Phenanthrene	ParcelB-13	Innovation Campus	2	1.7 - 8.5	5.1	190000	10000
SVOC	Phenanthrene	ParcelB-14	Innovation Campus	3	0.26 - 5.9	2.1	190000	10000
SVOC	Phenanthrene	ParcelB-15	Innovation Campus	2	4.8 - 4.8	2.4	190000	10000
SVOC	Phenanthrene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	190000	10000
SVOC	Phenanthrene	ParcelB-19	Innovation Campus	1	1.1 - 1.1	1.1	190000	10000
SVOC	Phenanthrene	ParcelB-20	Innovation Campus	3	9.7 - 58	23	190000	10000
SVOC	Phenanthrene	ParcelB-21	Innovation Campus	3	0.25 - 16	9.5	190000	10000
SVOC	Pyrene	101-D20-C	Innovation Campus	20	U (0.46) - 14	1.4	96000	2200
SVOC	Pyrene	101-G24-C	Innovation Campus	2	U (0.45) - 0.65	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	0.26 - 0.83	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) - 2.7	1.4	96000	2200
SVOC	Pyrene	101-J23-C	Innovation Campus	2	0.19 - 0.45	0.32	96000	2200
SVOC	Pyrene	101-L31-C	Innovation Campus	2	0.71 - 0.71	0.36	96000	2200
SVOC	Pyrene	101-U37-C	Innovation Campus	5	U (7.4) - 0.58	0.98	96000	2200
SVOC	Pyrene	102-E08-C	Innovation Campus	3	7.6 - 7.6	2.9	96000	2200
SVOC	Pyrene	102-G23-C	Innovation Campus	2	0.25 - 0.25	5.2	96000	2200
SVOC	Pyrene	103-A10-C	Innovation Campus	6	U (8.7) - 32	6.8	96000	2200

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	103-A10-S	Innovation Campus	2	U (8.7)	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 (3.8)	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	0.40 - 0.40	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	0.099 - 1.6	0.85	96000	2200
SVOC	Pyrene	LS-A-A03	Innovation Campus	1	3.2 - 3.2	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 - 5.8	1.1	96000	2200
SVOC	Pyrene	LS-A-B03	Innovation Campus	4	0.077 - 0.43	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	0.059 - 15	3.7	96000	2200
SVOC	Pyrene	LS-A-C04	Innovation Campus	3	0.14 - 0.44	0.20	96000	2200
SVOC	Pyrene	LS-A-D01	Innovation Campus	5	0.37 - 12	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 (1.8) - 2.2	1.1	96000	2200
SVOC	Pyrene	LS-A-D05	Innovation Campus	6	0.23 - 1.3	0.61	96000	2200
SVOC	Pyrene	LS-A-D06	Innovation Campus	2	U (0.36)	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	0.40 - 0.40	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)	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 - 10	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) - 0.33	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	0.57 - 2.2	1.1	96000	2200
SVOC	Pyrene	LS-A-G02	Innovation Campus	2	0.48 - 0.62	0.55	96000	2200
SVOC	Pyrene	LS-A-G03	Innovation Campus	3	4.3 - 4.3	2.2	96000	2200
SVOC	Pyrene	LS-A-G07	Innovation Campus	3	0.28 - 25	15	96000	2200
SVOC	Pyrene	LS-A-G08	Innovation Campus	2	2.2 - 2.9	2.5	96000	2200
SVOC	Pyrene	LS-A-H03	Innovation Campus	2	0.13 - 0.44	0.29	96000	2200
SVOC	Pyrene	LS-A-H04	Innovation Campus	2	0.76 - 0.76	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	0.42 - 0.42	0.69	96000	2200
SVOC	Pyrene	LS-A-I01	Innovation Campus	6	0.70 - 0.70	2.6	96000	2200
SVOC	Pyrene	LS-A-I02	Innovation Campus	1	U (5.0)	2.5	96000	2200
SVOC	Pyrene	LS-A-I03	Innovation Campus	3	U (0.94) - 7.8	2.8	96000	2200
SVOC	Pyrene	LS-B-B01	Innovation Campus	1	0.020 - 0.020	0.020	96000	2200
SVOC	Pyrene	LS-B-C01	Innovation Campus	3	U (0.19) - 0.39	0.14	96000	2200
SVOC	Pyrene	LS-B-E01	Innovation Campus	4	0.41 - 3.8	2.2	96000	2200
SVOC	Pyrene	LS-B-G02	Innovation Campus	1	7.0 - 7.0	7.0	96000	2200
SVOC	Pyrene	LS-B-H02	Innovation Campus	3	U (1.0)	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	1.1 - 2.5	1.1	96000	2200
SVOC	Pyrene	ParcelB-01	Innovation Campus	2	U (4.7)	1.4	96000	2200
SVOC	Pyrene	ParcelB-02	Innovation Campus	6	U (8.1) - 11	3.4	96000	2200
SVOC	Pyrene	ParcelB-03	Innovation Campus	3	2.2 - 13	5.1	96000	2200
SVOC	Pyrene	ParcelB-04	Innovation Campus	3	7.6 - 7.6	2.9	96000	2200
SVOC	Pyrene	ParcelB-06	Innovation Campus	2	0.70 - 0.70	2.2	96000	2200
SVOC	Pyrene	ParcelB-07	Innovation Campus	6	U (9.4) - 0.37	2.4	96000	2200
SVOC	Pyrene	ParcelB-08	Innovation Campus	2	U (8.7)	2.7	96000	2200
SVOC	Pyrene	ParcelB-10	Innovation Campus	3	U (5.2) - 32	11	96000	2200
SVOC	Pyrene	ParcelB-12	Innovation Campus	2	U (5.1)	1.3	96000	2200
SVOC	Pyrene	ParcelB-13	Innovation Campus	2	2.1 - 8.5	5.3	96000	2200
SVOC	Pyrene	ParcelB-14	Innovation Campus	3	0.40 - 0.40	0.91	96000	2200
SVOC	Pyrene	ParcelB-15	Innovation Campus	2	4.3 - 4.3	2.1	96000	2200
SVOC	Pyrene	ParcelB-18	Innovation Campus	1	U (0.94)	0.47	96000	2200
SVOC	Pyrene	ParcelB-19	Innovation Campus	1	2.2 - 2.2	2.2	96000	2200
SVOC	Pyrene	ParcelB-20	Innovation Campus	3	15 - 15	6.0	96000	2200
SVOC	Pyrene	ParcelB-21	Innovation Campus	3	0.28 - 25	15	96000	2200
INORG	Lead	101-D20-C	Innovation Campus	22	12 - 2650	184	1000	450
INORG	Lead	101-G24-C	Innovation Campus	2	6.6 - 375	191	1000	450
INORG	Lead	101-G26-C	Innovation Campus	1	95 - 95	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 - 96	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	5.0 - 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	5.9 - 265	80	1000	450
INORG	Lead	102-E08-C	Innovation Campus	3	8.0 - 129	50	1000	450
INORG	Lead	102-G23-C	Innovation Campus	2	14 - 2990	1502	1000	450
INORG	Lead	103-A10-C	Innovation Campus	6	26 - 1250	318	1000	450
INORG	Lead	103-A10-S	Innovation Campus	2	87 - 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	26 - 53	39	1000	450

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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	39 - 39	39	1000	450
INORG	Lead	LS-A-B02	Innovation Campus	14	5.0 - 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	5.1 - 202	48	1000	450
INORG	Lead	LS-A-C02	Innovation Campus	18	4.4 - 2220	344	1000	450
INORG	Lead	LS-A-C04	Innovation Campus	3	3.9 - 78	31	1000	450
INORG	Lead	LS-A-D01	Innovation Campus	5	20 - 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 - 174	65	1000	450
INORG	Lead	LS-A-D04	Innovation Campus	2	33 - 380	207	1000	450
INORG	Lead	LS-A-D05	Innovation Campus	6	10 - 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	46 - 124	85	1000	450
INORG	Lead	LS-A-E01	Innovation Campus	3	12 - 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	15 - 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
INORG	Lead	LS-A-F01	Innovation Campus	3	6.6 - 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	8.5 - 143	43	1000	450
INORG	Lead	LS-A-F05	Innovation Campus	1	75 - 75	75	1000	450
INORG	Lead	LS-A-G01	Innovation Campus	3	79 - 912	363	1000	450
INORG	Lead	LS-A-G02	Innovation Campus	2	6.8 - 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	9.6 - 254	128	1000	450
INORG	Lead	LS-A-G08	Innovation Campus	2	65 - 148	107	1000	450
INORG	Lead	LS-A-H03	Innovation Campus	2	22 - 68	45	1000	450
INORG	Lead	LS-A-H04	Innovation Campus	2	12 - 31	21	1000	450
INORG	Lead	LS-A-H06	Innovation Campus	1	191 - 191	191	1000	450
INORG	Lead	LS-A-H07	Innovation Campus	2	21 - 57	39	1000	450
INORG	Lead	LS-A-I01	Innovation Campus	7	20 - 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 - 670	341	1000	450
INORG	Lead	LS-B-B01	Innovation Campus	1	27 - 27	27	1000	450
INORG	Lead	LS-B-C01	Innovation Campus	3	11 - 26	21	1000	450
INORG	Lead	LS-B-E01	Innovation Campus	4	14 - 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	12 - 118	64	1000	450
INORG	Lead	LS-E-B01	Innovation Campus	109	9.1 - 95000	2167	1000	450
INORG	Lead	LS-E-G01	Innovation Campus	4	31 - 370	172	1000	450
INORG	Lead	ParcelB-01	Innovation Campus	2	291 - 294	293	1000	450
INORG	Lead	ParcelB-02	Innovation Campus	6	11 - 189	86	1000	450
INORG	Lead	ParcelB-03	Innovation Campus	3	45 - 139	77	1000	450
INORG	Lead	ParcelB-04	Innovation Campus	3	8.0 - 129	50	1000	450
INORG	Lead	ParcelB-06	Innovation Campus	2	20 - 478	249	1000	450
INORG	Lead	ParcelB-07	Innovation Campus	6	27 - 155	81	1000	450
INORG	Lead	ParcelB-08	Innovation Campus	2	87 - 155	121	1000	450
INORG	Lead	ParcelB-10	Innovation Campus	3	26 - 1250	443	1000	450
INORG	Lead	ParcelB-12	Innovation Campus	2	320 - 637	479	1000	450
INORG	Lead	ParcelB-13	Innovation Campus	2	262 - 428	345	1000	450
INORG	Lead	ParcelB-14	Innovation Campus	3	58 - 319	183	1000	450
INORG	Lead	ParcelB-15	Innovation Campus	2	21 - 230	126	1000	450
INORG	Lead	ParcelB-18	Innovation Campus	1	670 - 670	670	1000	450
INORG	Lead	ParcelB-19	Innovation Campus	1	912 - 912	912	1000	450
INORG	Lead	ParcelB-20	Innovation Campus	3	102 - 1380	674	1000	450
INORG	Lead	ParcelB-21	Innovation Campus	3	9.6 - 254	128	1000	450
VOC	Benzene	401-A01	Major Amendment 3	4	0.0010 - 0.0010	0.029	280	0.50
VOC	Benzene	401-E02	Major Amendment 3	44	U (0.33) - 46	3.3	280	0.50
VOC	Benzene	401-F01	Major Amendment 3	8	U (0.24) - 0.0088	0.023	280	0.50
VOC	Benzene	401-G01	Major Amendment 3	3	U (0.0050)	0.0012	280	0.50
VOC	Benzene	401-H01	Major Amendment 3	3	U (0.091)	0.015	280	0.50
VOC	Benzene	401-H02	Major Amendment 3	19	0.00019 - 18	1.0	280	0.50
VOC	Benzene	401-I01	Major Amendment 3	1	1.2 - 1.2	1.2	280	0.50
VOC	Benzene	401-J01	Major Amendment 3	8	U (1.5) - 180	26	280	0.50
VOC	Benzene	401-K01	Major Amendment 3	5	U (0.46)	0.091	280	0.50
VOC	Benzene	401-L01	Major Amendment 3	2	U (0.038)	0.011	280	0.50
VOC	Benzene	401-L02	Major Amendment 3	6	0.12 - 0.17	0.076	280	0.50
VOC	Benzene	401-MA3-1-02	Major Amendment 3	4	0.0010 - 0.0010	0.029	280	0.50
VOC	Benzene	401-MA3-1-08	Major Amendment 3	11	U (0.31) - 0.23	0.11	280	0.50
VOC	Benzene	401-MA3-1-10	Major Amendment 3	15	0.019 - 2.3	0.43	280	0.50
VOC	Benzene	401-MA3-1-11	Major Amendment 3	18	0.00053 - 46	7.6	280	0.50
VOC	Benzene	401-MA3-1-12	Major Amendment 3	8	U (0.24) - 0.0088	0.023	280	0.50
VOC	Benzene	401-MA3-1-13	Major Amendment 3	3	U (0.0050)	0.0012	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-MA3-1-14	Major Amendment 3	3	U (0.091)	0.015	280	0.50
VOC	Benzene	401-MA3-1-15	Major Amendment 3	11	0.00019 - 18	1.7	280	0.50
VOC	Benzene	401-MA3-1-16	Major Amendment 3	1	0.31 - 0.31	0.31	280	0.50
VOC	Benzene	401-MA3-1-17	Major Amendment 3	7	0.016 - 0.39	0.11	280	0.50
VOC	Benzene	401-MA3-1-18	Major Amendment 3	1	1.2 - 1.2	1.2	280	0.50
VOC	Benzene	401-MA3-1-21	Major Amendment 3	8	U (1.5) - 180	26	280	0.50
VOC	Benzene	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	280	0.50
VOC	Benzene	401-MA3-1-24	Major Amendment 3	2	U (0.038)	0.011	280	0.50
VOC	Benzene	401-MA3-1-25	Major Amendment 3	3	0.12 - 0.17	0.15	280	0.50
VOC	Benzene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	280	0.50
VOC	Benzene	401-MA3-1-34	Major Amendment 3	1	U (0.00085)	0.00043	280	0.50
VOC	Benzene	401-MA3-1-35	Major Amendment 3	5	U (0.091) - 0.0060	0.011	280	0.50
VOC	Benzene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	280	0.50
VOC	Benzene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 11	2.1	280	0.50
VOC	Benzene	401-MA3-1-54	Major Amendment 3	3	0.33 - 0.33	0.21	280	0.50
VOC	Benzene	401-MA3-1-55	Major Amendment 3	3	U (0.33) - 0.34	0.19	280	0.50
VOC	Benzene	401-MA3-1-56	Major Amendment 3	2	U (0.24) - 0.013	0.067	280	0.50
VOC	Benzene	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	280	0.50
VOC	Benzene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	280	0.50
VOC	Benzene	401-MA3-1-59	Major Amendment 3	4	0.85 - 0.85	0.25	280	0.50
VOC	Benzene	401-MA3-1-60	Major Amendment 3	25	U (0.31) - 0.59	0.050	280	0.50
VOC	Benzene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	280	0.50
VOC	Benzene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	280	0.50
VOC	Benzene	401-MA3-1-72	Major Amendment 3	9	U (0.60) - 0.20	0.049	280	0.50
VOC	Benzene	401-N01	Major Amendment 3	2	U (0.24)	0.12	280	0.50
VOC	Benzene	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	280	0.50
VOC	Benzene	401-P01	Major Amendment 3	5	U (0.091) - 0.0060	0.011	280	0.50
VOC	Benzene	401-Q01	Major Amendment 3	33	0.00080 - 1.9	0.25	280	0.50
VOC	Benzene	401-R01	Major Amendment 3	9	U (0.60) - 0.20	0.049	280	0.50
VOC	Benzene	402-A01	Major Amendment 3	50	U (0.25) - 0.53	0.050	280	0.50
VOC	Benzene	402-B01	Major Amendment 3	142	U (4.4) - 790	11	280	0.50
VOC	Benzene	402-C01	Major Amendment 3	3	U (0.0050)	0.0022	280	0.50
VOC	Benzene	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 0.15	0.012	280	0.50
VOC	Benzene	403-A01	Major Amendment 3	2	U (0.0012)	0.00060	280	0.50
VOC	Benzene	403-B01	Major Amendment 3	13	U (0.034)	0.0042	280	0.50
VOC	Benzene	403-C01	Major Amendment 3	8	U (0.11) - 20	2.5	280	0.50
VOC	Benzene	403-C02	Major Amendment 3	5	U (0.00058)	0.00026	280	0.50
VOC	Benzene	403-D01	Major Amendment 3	13	U (0.030)	0.0046	280	0.50
VOC	Benzene	403-E01	Major Amendment 3	4	U (0.030)	0.0039	280	0.50
VOC	Benzene	403-F01	Major Amendment 3	7	U (0.23) - 0.75	0.11	280	0.50
VOC	Benzene	403-G01	Major Amendment 3	2	U (0.0040)	0.0012	280	0.50
VOC	Benzene	403-MA3-1-01	Major Amendment 3	13	U (0.034)	0.0042	280	0.50
VOC	Benzene	403-MA3-1-03	Major Amendment 3	1	U (0.00058)	0.00029	280	0.50
VOC	Benzene	403-MA3-1-04	Major Amendment 3	5	U (0.00058)	0.00026	280	0.50
VOC	Benzene	403-MA3-1-09	Major Amendment 3	13	U (0.030)	0.0046	280	0.50
VOC	Benzene	403-MA3-1-11	Major Amendment 3	7	U (0.00061)	0.00026	280	0.50
VOC	Benzene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	403-MA3-1-16	Major Amendment 3	4	0.00033 - 0.30	0.075	280	0.50
VOC	Benzene	403-MA3-1-18	Major Amendment 3	4	U (0.030)	0.0039	280	0.50
VOC	Benzene	404-A01	Major Amendment 3	19	U (0.0080) - 0.0070	0.0014	280	0.50
VOC	Benzene	404-B01	Major Amendment 3	26	0.0020 - 0.0060	0.0065	280	0.50
VOC	Benzene	404-B02	Major Amendment 3	11	U (0.24)	0.012	280	0.50
VOC	Benzene	404-C01	Major Amendment 3	3	0.23 - 0.52	0.36	280	0.50
VOC	Benzene	404-D01	Major Amendment 3	6	0.00034 - 0.21	0.065	280	0.50
VOC	Benzene	404-E01	Major Amendment 3	30	U (0.37) - 2.8	0.41	280	0.50
VOC	Benzene	404-F01	Major Amendment 3	22	0.00022 - 5.3	1.5	280	0.50
VOC	Benzene	404-MA3-1-01	Major Amendment 3	24	0.00015 - 0.36	0.031	280	0.50
VOC	Benzene	404-MA3-1-02	Major Amendment 3	9	U (0.36) - 0.0060	0.032	280	0.50
VOC	Benzene	404-MA3-1-03	Major Amendment 3	4	U (0.23)	0.049	280	0.50
VOC	Benzene	404-MA3-1-05	Major Amendment 3	118	U (34) - 984	31	280	0.50
VOC	Benzene	404-MA3-1-06	Major Amendment 3	6	U (0.24)	0.022	280	0.50
VOC	Cumene	401-A01	Major Amendment 3	4	0.0037 - 1.3	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) - 3.3	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	0.15 - 0.15	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	0.86 - 0.86	0.43	10000	2500
VOC	Cumene	401-L02	Major Amendment 3	6	0.011 - 0.63	0.11	10000	2500
VOC	Cumene	401-MA3-1-02	Major Amendment 3	4	0.0037 - 1.3	0.46	10000	2500
VOC	Cumene	401-MA3-1-08	Major Amendment 3	11	0.049 - 3.5	0.95	10000	2500
VOC	Cumene	401-MA3-1-10	Major Amendment 3	15	0.039 - 38	7.0	10000	2500
VOC	Cumene	401-MA3-1-11	Major Amendment 3	18	0.0069 - 13	3.1	10000	2500
VOC	Cumene	401-MA3-1-12	Major Amendment 3	8	U (0.54) - 3.3	0.44	10000	2500
VOC	Cumene	401-MA3-1-13	Major Amendment 3	3	U (0.0056)	0.0027	10000	2500
VOC	Cumene	401-MA3-1-14	Major Amendment 3	3	0.15 - 0.15	0.051	10000	2500
VOC	Cumene	401-MA3-1-15	Major Amendment 3	11	0.00042 - 8.5	0.87	10000	2500
VOC	Cumene	401-MA3-1-16	Major Amendment 3	1	0.61 - 0.61	0.61	10000	2500
VOC	Cumene	401-MA3-1-17	Major Amendment 3	7	0.046 - 2.8	1.1	10000	2500

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	10000	2500
VOC	Cumene	401-MA3-1-21	Major Amendment 3	8	U (3.3) - 24	6.1	10000	2500
VOC	Cumene	401-MA3-1-23	Major Amendment 3	5	0.011 - 6.9	2.8	10000	2500
VOC	Cumene	401-MA3-1-24	Major Amendment 3	2	0.86 - 0.86	0.43	10000	2500
VOC	Cumene	401-MA3-1-25	Major Amendment 3	3	0.011 - 0.63	0.22	10000	2500
VOC	Cumene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	10000	2500
VOC	Cumene	401-MA3-1-34	Major Amendment 3	1	U (0.0043)	0.0022	10000	2500
VOC	Cumene	401-MA3-1-35	Major Amendment 3	5	0.00074 - 0.00074	0.047	10000	2500
VOC	Cumene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	10000	2500
VOC	Cumene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 19	4.1	10000	2500
VOC	Cumene	401-MA3-1-54	Major Amendment 3	3	U (0.33) - 2.1	1.1	10000	2500
VOC	Cumene	401-MA3-1-55	Major Amendment 3	3	0.94 - 4.7	1.9	10000	2500
VOC	Cumene	401-MA3-1-56	Major Amendment 3	2	1.5 - 1.5	0.75	10000	2500
VOC	Cumene	401-MA3-1-57	Major Amendment 3	5	0.65 - 1.2	0.41	10000	2500
VOC	Cumene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	10000	2500
VOC	Cumene	401-MA3-1-59	Major Amendment 3	4	U (0.32) - 1.0	0.29	10000	2500
VOC	Cumene	401-MA3-1-60	Major Amendment 3	25	U (0.59) - 0.55	0.062	10000	2500
VOC	Cumene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	10000	2500
VOC	Cumene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	10000	2500
VOC	Cumene	401-MA3-1-72	Major Amendment 3	9	U (0.60) - 3.6	0.47	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 - 6.1	0.55	10000	2500
VOC	Cumene	401-R01	Major Amendment 3	9	U (0.60) - 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 (0.0050)	0.0022	10000	2500
VOC	Cumene	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 0.081	0.021	10000	2500
VOC	Cumene	403-A01	Major Amendment 3	2	U (0.012)	0.0060	10000	2500
VOC	Cumene	403-B01	Major Amendment 3	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	403-C01	Major Amendment 3	5	U (0.43) - 38	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 (0.060) - 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	0.43	10000	2500
VOC	Cumene	403-G01	Major Amendment 3	2	U (0.0044)	0.0021	10000	2500
VOC	Cumene	403-MA3-1-01	Major Amendment 3	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	403-MA3-1-04	Major Amendment 3	4	U (0.0012)	0.00051	10000	2500
VOC	Cumene	403-MA3-1-09	Major Amendment 3	13	U (0.060) - 0.68	0.075	10000	2500
VOC	Cumene	403-MA3-1-11	Major Amendment 3	7	U (0.0012)	0.00051	10000	2500
VOC	Cumene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	403-MA3-1-16	Major Amendment 3	4	U (0.29)	0.037	10000	2500
VOC	Cumene	403-MA3-1-18	Major Amendment 3	4	U (0.061) - 0.076	0.019	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 - 0.078	0.030	10000	2500
VOC	Cumene	404-B02	Major Amendment 3	17	U (0.24) - 1.0	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	0.00080 - 17	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	404-MA3-1-01	Major Amendment 3	22	U (0.64) - 6.6	0.51	10000	2500
VOC	Cumene	404-MA3-1-02	Major Amendment 3	9	U (0.80) - 0.47	0.15	10000	2500
VOC	Cumene	404-MA3-1-03	Major Amendment 3	4	0.013 - 0.13	0.20	10000	2500
VOC	Cumene	404-MA3-1-05	Major Amendment 3	141	U (1700) - 55000	2671	10000	2500
VOC	Cumene	404-MA3-1-06	Major Amendment 3	12	U (0.24) - 1.0	0.095	10000	2500
VOC	Ethyl Benzene	401-A01	Major Amendment 3	4	U (0.11) - 0.11	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 (0.0050)	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 (3.0) - 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-MA3-1-02	Major Amendment 3	4	U (0.11) - 0.11	0.051	880	70
VOC	Ethyl Benzene	401-MA3-1-08	Major Amendment 3	11	U (0.31) - 0.084	0.052	880	70
VOC	Ethyl Benzene	401-MA3-1-10	Major Amendment 3	15	0.039 - 9.6	0.95	880	70
VOC	Ethyl Benzene	401-MA3-1-11	Major Amendment 3	18	0.00021 - 91	19	880	70
VOC	Ethyl Benzene	401-MA3-1-12	Major Amendment 3	8	U (0.24)	0.022	880	70
VOC	Ethyl Benzene	401-MA3-1-13	Major Amendment 3	3	U (0.0050)	0.0012	880	70
VOC	Ethyl Benzene	401-MA3-1-14	Major Amendment 3	3	U (0.091)	0.015	880	70
VOC	Ethyl Benzene	401-MA3-1-15	Major Amendment 3	11	0.00022 - 7.2	0.70	880	70
VOC	Ethyl Benzene	401-MA3-1-16	Major Amendment 3	1	4.1 - 4.1	4.1	880	70
VOC	Ethyl Benzene	401-MA3-1-17	Major Amendment 3	7	0.011 - 0.24	0.082	880	70
VOC	Ethyl Benzene	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	880	70
VOC	Ethyl Benzene	401-MA3-1-21	Major Amendment 3	8	U (3.0) - 160	23	880	70
VOC	Ethyl Benzene	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	880	70
VOC	Ethyl Benzene	401-MA3-1-24	Major Amendment 3	2	U (0.038)	0.011	880	70
VOC	Ethyl Benzene	401-MA3-1-25	Major Amendment 3	3	0.0054 - 1.3	0.44	880	70

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	880	70
VOC	Ethyl Benzene	401-MA3-1-34	Major Amendment 3	1	U (0.00085)	0.00043	880	70
VOC	Ethyl Benzene	401-MA3-1-35	Major Amendment 3	5	U (0.091)	0.010	880	70
VOC	Ethyl Benzene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	880	70
VOC	Ethyl Benzene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 19	4.5	880	70
VOC	Ethyl Benzene	401-MA3-1-54	Major Amendment 3	3	U (0.33) - 0.60	0.31	880	70
VOC	Ethyl Benzene	401-MA3-1-55	Major Amendment 3	3	U (0.33) - 0.11	0.11	880	70
VOC	Ethyl Benzene	401-MA3-1-56	Major Amendment 3	2	0.0049 - 0.43	0.22	880	70
VOC	Ethyl Benzene	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	880	70
VOC	Ethyl Benzene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	880	70
VOC	Ethyl Benzene	401-MA3-1-59	Major Amendment 3	4	U (0.32) - 3.0	0.79	880	70
VOC	Ethyl Benzene	401-MA3-1-60	Major Amendment 3	25	U (0.31) - 0.66	0.051	880	70
VOC	Ethyl Benzene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	880	70
VOC	Ethyl Benzene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	880	70
VOC	Ethyl Benzene	401-MA3-1-72	Major Amendment 3	9	U (0.60) - 0.34	0.099	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
VOC	Ethyl Benzene	401-Q01	Major Amendment 3	33	0.00033 - 2.4	0.28	880	70
VOC	Ethyl Benzene	401-R01	Major Amendment 3	9	U (0.60) - 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 (0.0050)	0.0022	880	70
VOC	Ethyl Benzene	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 0.23	0.018	880	70
VOC	Ethyl Benzene	403-A01	Major Amendment 3	2	U (0.0012)	0.00060	880	70
VOC	Ethyl Benzene	403-B01	Major Amendment 3	1	U (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	403-C01	Major Amendment 3	5	U (0.22) - 7.1	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 (0.060) - 0.50	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 (0.0040)	0.0012	880	70
VOC	Ethyl Benzene	403-MA3-1-01	Major Amendment 3	1	U (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	403-MA3-1-04	Major Amendment 3	4	U (0.0012)	0.00051	880	70
VOC	Ethyl Benzene	403-MA3-1-09	Major Amendment 3	13	U (0.060) - 0.50	0.043	880	70
VOC	Ethyl Benzene	403-MA3-1-11	Major Amendment 3	7	U (0.0012)	0.00051	880	70
VOC	Ethyl Benzene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	403-MA3-1-16	Major Amendment 3	4	U (0.29) - 0.31	0.078	880	70
VOC	Ethyl Benzene	403-MA3-1-18	Major Amendment 3	4	U (0.061)	0.0080	880	70
VOC	Ethyl Benzene	404-A01	Major Amendment 3	19	U (0.0080)	0.0013	880	70
VOC	Ethyl Benzene	404-B01	Major Amendment 3	26	U (0.15) - 0.055	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	404-MA3-1-01	Major Amendment 3	22	U (0.64) - 0.20	0.025	880	70
VOC	Ethyl Benzene	404-MA3-1-02	Major Amendment 3	9	U (0.36) - 0.060	0.030	880	70
VOC	Ethyl Benzene	404-MA3-1-03	Major Amendment 3	4	0.00085 - 0.075	0.035	880	70
VOC	Ethyl Benzene	404-MA3-1-05	Major Amendment 3	68	U (56) - 10	1.1	880	70
VOC	Ethyl Benzene	404-MA3-1-06	Major Amendment 3	6	U (0.24)	0.022	880	70
VOC	Methyl tert-butyl ether	401-A01	Major Amendment 3	4	U (0.11)	0.028	8500	2.0
VOC	Methyl tert-butyl ether	401-E02	Major Amendment 3	35	U (0.95) - 2.6	0.29	8500	2.0
VOC	Methyl tert-butyl ether	401-F01	Major Amendment 3	8	U (0.24)	0.022	8500	2.0
VOC	Methyl tert-butyl ether	401-G01	Major Amendment 3	3	U (0.0050)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	401-H01	Major Amendment 3	3	U (0.091)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	401-H02	Major Amendment 3	19	U (1.1) - 0.0013	0.078	8500	2.0
VOC	Methyl tert-butyl ether	401-I01	Major Amendment 3	1	U (5.3)	2.7	8500	2.0
VOC	Methyl tert-butyl ether	401-J01	Major Amendment 3	8	U (6.0)	0.45	8500	2.0
VOC	Methyl tert-butyl ether	401-K01	Major Amendment 3	5	U (0.46)	0.091	8500	2.0
VOC	Methyl tert-butyl ether	401-L01	Major Amendment 3	2	U (0.038)	0.011	8500	2.0
VOC	Methyl tert-butyl ether	401-L02	Major Amendment 3	6	U (0.32)	0.029	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-02	Major Amendment 3	4	U (0.11)	0.028	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-08	Major Amendment 3	2	U (0.11)	0.053	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-10	Major Amendment 3	15	0.017 - 1.6	0.26	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-11	Major Amendment 3	18	0.0023 - 2.6	0.33	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-12	Major Amendment 3	8	U (0.24)	0.022	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-13	Major Amendment 3	3	U (0.0050)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-14	Major Amendment 3	3	U (0.091)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-15	Major Amendment 3	11	U (1.1) - 0.00041	0.084	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-16	Major Amendment 3	1	U (0.12)	0.060	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-17	Major Amendment 3	7	U (0.26) - 0.0013	0.072	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-21	Major Amendment 3	8	U (6.0)	0.45	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-24	Major Amendment 3	2	U (0.038)	0.011	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-25	Major Amendment 3	3	U (0.32)	0.055	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-34	Major Amendment 3	1	U (0.00085)	0.00043	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-35	Major Amendment 3	5	U (0.091)	0.010	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-49	Major Amendment 3	6	U (2.7)	0.49	8500	2.0

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-MA3-1-54	Major Amendment 3	3	U (0.33)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-55	Major Amendment 3	3	U (0.33)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-56	Major Amendment 3	2	U (0.24)	0.061	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-59	Major Amendment 3	4	U (0.32)	0.073	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-60	Major Amendment 3	25	U (0.31)	0.028	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	401-MA3-1-72	Major Amendment 3	4	U (0.60)	0.088	8500	2.0
VOC	Methyl tert-butyl ether	401-N01	Major Amendment 3	2	U (0.24)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	401-O01	Major Amendment 3	1	U (0.00085)	0.00043	8500	2.0
VOC	Methyl tert-butyl ether	401-P01	Major Amendment 3	5	U (0.091)	0.010	8500	2.0
VOC	Methyl tert-butyl ether	401-Q01	Major Amendment 3	33	U (1.0) - 0.0075	0.074	8500	2.0
VOC	Methyl tert-butyl ether	401-R01	Major Amendment 3	4	U (0.60)	0.088	8500	2.0
VOC	Methyl tert-butyl ether	402-A01	Major Amendment 3	41	U (0.25) - 0.034	0.024	8500	2.0
VOC	Methyl tert-butyl ether	402-B01	Major Amendment 3	97	U (1.3) - 0.0010	0.067	8500	2.0
VOC	Methyl tert-butyl ether	402-C01	Major Amendment 3	3	U (0.0050)	0.0022	8500	2.0
VOC	Methyl tert-butyl ether	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 0.00090	0.021	8500	2.0
VOC	Methyl tert-butyl ether	403-A01	Major Amendment 3	2	U (0.0012)	0.00060	8500	2.0
VOC	Methyl tert-butyl ether	403-B01	Major Amendment 3	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	403-C01	Major Amendment 3	5	U (0.22)	0.023	8500	2.0
VOC	Methyl tert-butyl ether	403-C02	Major Amendment 3	4	U (0.0023)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	403-D01	Major Amendment 3	13	U (0.12)	0.018	8500	2.0
VOC	Methyl tert-butyl ether	403-E01	Major Amendment 3	4	U (0.12)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	403-F01	Major Amendment 3	7	U (0.23) - 0.0032	0.017	8500	2.0
VOC	Methyl tert-butyl ether	403-G01	Major Amendment 3	2	U (0.0040)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-01	Major Amendment 3	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-04	Major Amendment 3	4	U (0.0023)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-09	Major Amendment 3	13	U (0.12)	0.018	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-11	Major Amendment 3	7	U (0.0024)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-16	Major Amendment 3	4	U (0.29)	0.037	8500	2.0
VOC	Methyl tert-butyl ether	403-MA3-1-18	Major Amendment 3	4	U (0.12)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	404-A01	Major Amendment 3	19	U (0.0080) - 0.0026	0.0014	8500	2.0
VOC	Methyl tert-butyl ether	404-B01	Major Amendment 3	24	U (0.15)	0.0070	8500	2.0
VOC	Methyl tert-butyl ether	404-B02	Major Amendment 3	11	U (0.24)	0.012	8500	2.0
VOC	Methyl tert-butyl ether	404-C01	Major Amendment 3	3	U (0.30)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	404-D01	Major Amendment 3	6	U (0.16)	0.035	8500	2.0
VOC	Methyl tert-butyl ether	404-E01	Major Amendment 3	30	U (1.5)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	404-F01	Major Amendment 3	22	U (1.6)	0.19	8500	2.0
VOC	Methyl tert-butyl ether	404-MA3-1-01	Major Amendment 3	22	U (1.3) - 0.00041	0.047	8500	2.0
VOC	Methyl tert-butyl ether	404-MA3-1-02	Major Amendment 3	9	U (0.36)	0.036	8500	2.0
VOC	Methyl tert-butyl ether	404-MA3-1-03	Major Amendment 3	4	U (0.23)	0.049	8500	2.0
VOC	Methyl tert-butyl ether	404-MA3-1-05	Major Amendment 3	68	U (34)	0.66	8500	2.0
VOC	Methyl tert-butyl ether	404-MA3-1-06	Major Amendment 3	6	U (0.24)	0.022	8500	2.0
VOC	Toluene	401-A01	Major Amendment 3	4	U (0.11) - 0.019	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 (0.0050)	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 (3.0) - 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	0.0080 - 0.018	0.032	10000	100
VOC	Toluene	401-MA3-1-02	Major Amendment 3	4	U (0.11) - 0.019	0.019	10000	100
VOC	Toluene	401-MA3-1-08	Major Amendment 3	11	U (0.31) - 0.17	0.066	10000	100
VOC	Toluene	401-MA3-1-10	Major Amendment 3	15	0.0091 - 4.0	0.40	10000	100
VOC	Toluene	401-MA3-1-11	Major Amendment 3	18	U (1.4) - 180	19	10000	100
VOC	Toluene	401-MA3-1-12	Major Amendment 3	8	U (0.24) - 0.96	0.13	10000	100
VOC	Toluene	401-MA3-1-13	Major Amendment 3	3	U (0.0050)	0.0012	10000	100
VOC	Toluene	401-MA3-1-14	Major Amendment 3	3	U (0.091)	0.015	10000	100
VOC	Toluene	401-MA3-1-15	Major Amendment 3	11	0.015 - 1.7	0.19	10000	100
VOC	Toluene	401-MA3-1-16	Major Amendment 3	1	0.12 - 0.12	0.12	10000	100
VOC	Toluene	401-MA3-1-17	Major Amendment 3	7	0.0039 - 0.18	0.061	10000	100
VOC	Toluene	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	10000	100
VOC	Toluene	401-MA3-1-21	Major Amendment 3	8	U (3.0) - 4.7	1.7	10000	100
VOC	Toluene	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	10000	100
VOC	Toluene	401-MA3-1-24	Major Amendment 3	2	U (0.038)	0.011	10000	100
VOC	Toluene	401-MA3-1-25	Major Amendment 3	3	0.0080 - 0.018	0.062	10000	100
VOC	Toluene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	10000	100
VOC	Toluene	401-MA3-1-34	Major Amendment 3	1	U (0.00085)	0.00043	10000	100
VOC	Toluene	401-MA3-1-35	Major Amendment 3	5	U (0.091)	0.010	10000	100
VOC	Toluene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	10000	100
VOC	Toluene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 1.3	0.50	10000	100
VOC	Toluene	401-MA3-1-54	Major Amendment 3	3	U (0.33)	0.15	10000	100
VOC	Toluene	401-MA3-1-55	Major Amendment 3	3	U (0.33) - 0.099	0.11	10000	100
VOC	Toluene	401-MA3-1-56	Major Amendment 3	2	U (0.24)	0.061	10000	100
VOC	Toluene	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	10000	100
VOC	Toluene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	10000	100

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	401-MA3-1-59	Major Amendment 3	4	U (0.32) - 0.64	0.20	10000	100
VOC	Toluene	401-MA3-1-60	Major Amendment 3	25	U (0.31) - 0.048	0.028	10000	100
VOC	Toluene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	10000	100
VOC	Toluene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	10000	100
VOC	Toluene	401-MA3-1-72	Major Amendment 3	9	U (0.60) - 0.33	0.11	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 - 1.2	0.16	10000	100
VOC	Toluene	401-R01	Major Amendment 3	9	U (0.60) - 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 (0.0050)	0.0022	10000	100
VOC	Toluene	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 1.7	0.097	10000	100
VOC	Toluene	403-A01	Major Amendment 3	2	U (0.0062)	0.0030	10000	100
VOC	Toluene	403-B01	Major Amendment 3	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	403-C01	Major Amendment 3	5	U (0.22) - 5.5	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 (0.060)	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 (0.0040)	0.0012	10000	100
VOC	Toluene	403-MA3-1-01	Major Amendment 3	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	403-MA3-1-04	Major Amendment 3	4	U (0.0012)	0.00051	10000	100
VOC	Toluene	403-MA3-1-09	Major Amendment 3	13	U (0.060)	0.0090	10000	100
VOC	Toluene	403-MA3-1-11	Major Amendment 3	7	U (0.0012)	0.00051	10000	100
VOC	Toluene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	403-MA3-1-16	Major Amendment 3	4	U (0.29) - 0.91	0.23	10000	100
VOC	Toluene	403-MA3-1-18	Major Amendment 3	4	U (0.061)	0.0080	10000	100
VOC	Toluene	404-A01	Major Amendment 3	19	U (0.0080) - 0.0050	0.0014	10000	100
VOC	Toluene	404-B01	Major Amendment 3	26	0.00066 - 0.20	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	0.27 - 1.0	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	404-MA3-1-01	Major Amendment 3	22	0.00023 - 1.2	0.085	10000	100
VOC	Toluene	404-MA3-1-02	Major Amendment 3	9	U (0.36) - 0.054	0.034	10000	100
VOC	Toluene	404-MA3-1-03	Major Amendment 3	4	0.0017 - 0.14	0.053	10000	100
VOC	Toluene	404-MA3-1-05	Major Amendment 3	68	U (56) - 4.6	1.0	10000	100
VOC	Toluene	404-MA3-1-06	Major Amendment 3	6	U (0.24)	0.022	10000	100
VOC	1,2,4-Trimethylbenzene	401-A01	Major Amendment 3	4	U (0.55) - 0.69	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	0.28 - 0.28	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 (6.0) - 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-MA3-1-02	Major Amendment 3	4	U (0.55) - 0.69	0.24	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-08	Major Amendment 3	2	U (0.54) - 0.094	0.18	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-10	Major Amendment 3	15	0.022 - 47	3.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-11	Major Amendment 3	18	0.0018 - 180	38	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-12	Major Amendment 3	8	U (0.54) - 0.28	0.070	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-13	Major Amendment 3	3	U (0.0056)	0.0027	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-14	Major Amendment 3	3	0.28 - 0.28	0.093	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-15	Major Amendment 3	11	0.00036 - 29	3.0	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-16	Major Amendment 3	1	8.8 - 8.8	8.8	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-17	Major Amendment 3	7	0.050 - 3.3	0.56	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-21	Major Amendment 3	7	U (6.0) - 340	56	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-24	Major Amendment 3	2	U (0.19)	0.049	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-25	Major Amendment 3	3	0.014 - 5.7	1.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-34	Major Amendment 3	1	U (0.0043)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-35	Major Amendment 3	5	0.00033 - 0.00033	0.047	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 157	27	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-54	Major Amendment 3	3	U (0.33) - 1.1	0.47	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-55	Major Amendment 3	3	U (0.33) - 0.080	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-56	Major Amendment 3	2	3.7 - 3.7	1.9	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-59	Major Amendment 3	4	28 - 28	7.0	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-60	Major Amendment 3	25	U (0.59) - 0.30	0.048	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	4700	300

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-MA3-1-72	Major Amendment 3	4	0.011 - 0.67	0.22	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 (0.0050)	0.0022	4700	300
VOC	1,2,4-Trimethylbenzene	402-MA3-1-03	Major Amendment 3	49	U (0.66) - 0.75	0.032	4700	300
VOC	1,2,4-Trimethylbenzene	403-A01	Major Amendment 3	2	U (0.0012)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	403-C01	Major Amendment 3	5	U (11) - 83	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	403-MA3-1-04	Major Amendment 3	4	U (0.0023)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-09	Major Amendment 3	13	U (0.12) - 6.9	0.62	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-11	Major Amendment 3	7	U (0.0024)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-16	Major Amendment 3	4	U (0.29) - 0.75	0.19	4700	300
VOC	1,2,4-Trimethylbenzene	403-MA3-1-18	Major Amendment 3	4	U (0.12) - 0.29	0.073	4700	300
VOC	1,2,4-Trimethylbenzene	404-A01	Major Amendment 3	19	U (0.012) - 0.0050	0.0026	4700	300
VOC	1,2,4-Trimethylbenzene	404-B01	Major Amendment 3	24	U (0.77) - 0.062	0.0090	4700	300
VOC	1,2,4-Trimethylbenzene	404-B02	Major Amendment 3	8	U (0.011) - 0.011	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	0.0010 - 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	404-MA3-1-01	Major Amendment 3	21	U (1.3) - 1.1	0.10	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-02	Major Amendment 3	8	U (0.80) - 0.078	0.016	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-03	Major Amendment 3	4	0.0018 - 0.13	0.059	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-05	Major Amendment 3	67	U (170)	2.3	4700	300
VOC	1,2,4-Trimethylbenzene	404-MA3-1-06	Major Amendment 3	3	U (0.011) - 0.011	0.0061	4700	300
VOC	1,3,5-Trimethylbenzene	401-A01	Major Amendment 3	4	U (0.55) - 0.018	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	401-E02	Major Amendment 3	35	0.010 - 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) - 0.085	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 (6.0) - 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-MA3-1-02	Major Amendment 3	4	U (0.55) - 0.018	0.10	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-08	Major Amendment 3	2	0.031 - 0.057	0.044	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-10	Major Amendment 3	15	0.065 - 7.7	1.4	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-11	Major Amendment 3	18	U (0.63) - 53	12	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-12	Major Amendment 3	8	U (0.54)	0.050	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-13	Major Amendment 3	3	U (0.0056)	0.0027	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-14	Major Amendment 3	3	U (0.45) - 0.085	0.030	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-15	Major Amendment 3	11	0.021 - 1.7	0.27	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-16	Major Amendment 3	1	1.1 - 1.1	1.1	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-17	Major Amendment 3	7	0.0074 - 2.6	0.42	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-21	Major Amendment 3	7	U (6.0) - 100	17	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-23	Major Amendment 3	5	U (0.46)	0.091	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-24	Major Amendment 3	2	U (0.19)	0.049	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-25	Major Amendment 3	3	0.0066 - 3.5	1.2	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-34	Major Amendment 3	1	U (0.0043)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-35	Major Amendment 3	5	U (0.45)	0.047	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-48	Major Amendment 3	2	U (0.25)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-49	Major Amendment 3	6	U (2.7) - 51	9.5	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-54	Major Amendment 3	3	U (0.33) - 0.61	0.31	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-55	Major Amendment 3	3	U (0.33)	0.13	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-56	Major Amendment 3	2	1.8 - 1.8	0.90	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-57	Major Amendment 3	5	U (0.36)	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-59	Major Amendment 3	4	U (0.32) - 7.5	1.9	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-60	Major Amendment 3	25	U (0.59) - 0.034	0.045	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	401-MA3-1-72	Major Amendment 3	4	U (0.60) - 0.024	0.083	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 (0.60) - 0.024	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	402-A01	Major Amendment 3	41	U (1.2) - 6.2	0.50	4700	93

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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 (0.0050)	0.0022	4700	93
VOC	1,3,5-Trimethylbenzene	402-MA3-1-03	Major Amendment 3	49	U (0.66) - 0.54	0.031	4700	93
VOC	1,3,5-Trimethylbenzene	403-A01	Major Amendment 3	2	U (0.0012)	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	403-MA3-1-04	Major Amendment 3	4	U (0.0023)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-09	Major Amendment 3	13	U (0.12) - 0.39	0.038	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-11	Major Amendment 3	7	U (0.0024)	0.0010	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-16	Major Amendment 3	4	U (0.29) - 0.33	0.083	4700	93
VOC	1,3,5-Trimethylbenzene	403-MA3-1-18	Major Amendment 3	4	U (0.12) - 0.045	0.012	4700	93
VOC	1,3,5-Trimethylbenzene	404-A01	Major Amendment 3	19	0.00026 - 0.0020	0.0023	4700	93
VOC	1,3,5-Trimethylbenzene	404-B01	Major Amendment 3	24	U (0.77) - 0.023	0.036	4700	93
VOC	1,3,5-Trimethylbenzene	404-B02	Major Amendment 3	8	U (0.011) - 0.0060	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	404-MA3-1-01	Major Amendment 3	21	U (1.3) - 0.26	0.056	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-02	Major Amendment 3	8	U (0.80) - 0.0027	0.059	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-03	Major Amendment 3	4	0.043 - 0.043	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-05	Major Amendment 3	67	U (170)	2.3	4700	93
VOC	1,3,5-Trimethylbenzene	404-MA3-1-06	Major Amendment 3	3	U (0.011) - 0.0060	0.0046	4700	93
VOC	Xylenes (total)	401-A01	Major Amendment 3	4	U (0.11) - 0.048	0.027	7900	1000
VOC	Xylenes (total)	401-E02	Major Amendment 3	35	0.060 - 410	41	7900	1000
VOC	Xylenes (total)	401-F01	Major Amendment 3	8	U (0.73) - 0.049	0.053	7900	1000
VOC	Xylenes (total)	401-G01	Major Amendment 3	3	U (0.0050)	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	0.030 - 11	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	0.065 - 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 - 7.0	1.2	7900	1000
VOC	Xylenes (total)	401-MA3-1-02	Major Amendment 3	4	U (0.11) - 0.048	0.027	7900	1000
VOC	Xylenes (total)	401-MA3-1-08	Major Amendment 3	2	0.31 - 0.71	0.51	7900	1000
VOC	Xylenes (total)	401-MA3-1-10	Major Amendment 3	15	0.080 - 5.2	1.3	7900	1000
VOC	Xylenes (total)	401-MA3-1-11	Major Amendment 3	18	0.060 - 410	79	7900	1000
VOC	Xylenes (total)	401-MA3-1-12	Major Amendment 3	8	U (0.73) - 0.049	0.053	7900	1000
VOC	Xylenes (total)	401-MA3-1-13	Major Amendment 3	3	U (0.0050)	0.0012	7900	1000
VOC	Xylenes (total)	401-MA3-1-14	Major Amendment 3	3	U (0.091)	0.015	7900	1000
VOC	Xylenes (total)	401-MA3-1-15	Major Amendment 3	11	0.046 - 11	1.3	7900	1000
VOC	Xylenes (total)	401-MA3-1-16	Major Amendment 3	1	3.5 - 3.5	3.5	7900	1000
VOC	Xylenes (total)	401-MA3-1-17	Major Amendment 3	7	0.030 - 0.68	0.18	7900	1000
VOC	Xylenes (total)	401-MA3-1-18	Major Amendment 3	1	U (5.3)	2.7	7900	1000
VOC	Xylenes (total)	401-MA3-1-21	Major Amendment 3	8	0.065 - 485.7	73	7900	1000
VOC	Xylenes (total)	401-MA3-1-23	Major Amendment 3	5	U (0.92)	0.18	7900	1000
VOC	Xylenes (total)	401-MA3-1-24	Major Amendment 3	2	U (0.038)	0.011	7900	1000
VOC	Xylenes (total)	401-MA3-1-25	Major Amendment 3	3	0.025 - 7.0	2.4	7900	1000
VOC	Xylenes (total)	401-MA3-1-33	Major Amendment 3	2	U (0.49)	0.24	7900	1000
VOC	Xylenes (total)	401-MA3-1-34	Major Amendment 3	1	U (0.00085)	0.00043	7900	1000
VOC	Xylenes (total)	401-MA3-1-35	Major Amendment 3	5	U (0.091)	0.010	7900	1000
VOC	Xylenes (total)	401-MA3-1-48	Major Amendment 3	2	U (0.49)	0.25	7900	1000
VOC	Xylenes (total)	401-MA3-1-49	Major Amendment 3	6	U (7.9) - 8.5	2.8	7900	1000
VOC	Xylenes (total)	401-MA3-1-54	Major Amendment 3	3	U (0.67) - 5.3	2.0	7900	1000
VOC	Xylenes (total)	401-MA3-1-55	Major Amendment 3	3	U (0.47) - 0.14	0.20	7900	1000
VOC	Xylenes (total)	401-MA3-1-56	Major Amendment 3	2	0.031 - 3.9	2.0	7900	1000
VOC	Xylenes (total)	401-MA3-1-57	Major Amendment 3	5	U (0.72)	0.17	7900	1000
VOC	Xylenes (total)	401-MA3-1-58	Major Amendment 3	1	U (0.013)	0.0065	7900	1000
VOC	Xylenes (total)	401-MA3-1-59	Major Amendment 3	4	U (0.64) - 19	4.8	7900	1000
VOC	Xylenes (total)	401-MA3-1-60	Major Amendment 3	25	U (0.94) - 0.89	0.096	7900	1000
VOC	Xylenes (total)	401-MA3-1-61	Major Amendment 3	3	U (0.0099)	0.0048	7900	1000
VOC	Xylenes (total)	401-MA3-1-68	Major Amendment 3	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	401-MA3-1-70	Major Amendment 3	3	U (0.011)	0.0050	7900	1000
VOC	Xylenes (total)	401-MA3-1-72	Major Amendment 3	4	U (0.60) - 0.52	0.21	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 (0.60) - 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 (0.0050)	0.0022	7900	1000
VOC	Xylenes (total)	402-MA3-1-03	Major Amendment 3	52	U (0.66) - 0.42	0.036	7900	1000
VOC	Xylenes (total)	403-A01	Major Amendment 3	2	U (0.0037)	0.0018	7900	1000
VOC	Xylenes (total)	403-B01	Major Amendment 3	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	403-C01	Major Amendment 3	5	U (0.22) - 55	11	7900	1000
VOC	Xylenes (total)	403-E01	Major Amendment 3	1	U (0.0011)	0.00055	7900	1000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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)	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 (0.0040)	0.0012	7900	1000
VOC	Xylenes (total)	403-MA3-1-01	Major Amendment 3	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	403-MA3-1-12	Major Amendment 3	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	403-MA3-1-16	Major Amendment 3	4	U (0.29) - 1.8	0.45	7900	1000
VOC	Xylenes (total)	403-MA3-1-18	Major Amendment 3	1	U (0.0011)	0.00055	7900	1000
VOC	Xylenes (total)	404-A01	Major Amendment 3	19	0.00070 - 0.013	0.0019	7900	1000
VOC	Xylenes (total)	404-B01	Major Amendment 3	26	U (0.15) - 0.14	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	0.66 - 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) - 3.6	1.1	7900	1000
VOC	Xylenes (total)	404-F01	Major Amendment 3	22	0.0012 - 73	14	7900	1000
VOC	Xylenes (total)	404-MA3-1-01	Major Amendment 3	22	0.00016 - 2.3	0.20	7900	1000
VOC	Xylenes (total)	404-MA3-1-02	Major Amendment 3	9	U (0.36) - 0.11	0.047	7900	1000
VOC	Xylenes (total)	404-MA3-1-03	Major Amendment 3	4	0.0040 - 0.31	0.12	7900	1000
VOC	Xylenes (total)	404-MA3-1-05	Major Amendment 3	68	U (56) - 17	1.4	7900	1000
VOC	Xylenes (total)	404-MA3-1-06	Major Amendment 3	6	U (0.24) - 0.0073	0.024	7900	1000
SVOC	Anthracene	401-A01	Major Amendment 3	4	0.058 - 0.083	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) - 0.072	0.058	190000	350
SVOC	Anthracene	401-H01	Major Amendment 3	3	0.037 - 0.48	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-MA3-1-02	Major Amendment 3	4	0.058 - 0.083	0.054	190000	350
SVOC	Anthracene	401-MA3-1-08	Major Amendment 3	11	U (0.45) - 0.64	0.22	190000	350
SVOC	Anthracene	401-MA3-1-10	Major Amendment 3	13	0.0015 - 0.083	0.023	190000	350
SVOC	Anthracene	401-MA3-1-12	Major Amendment 3	8	U (0.075) - 1.7	0.24	190000	350
SVOC	Anthracene	401-MA3-1-13	Major Amendment 3	3	U (0.17) - 0.072	0.058	190000	350
SVOC	Anthracene	401-MA3-1-14	Major Amendment 3	3	0.037 - 0.48	0.18	190000	350
SVOC	Anthracene	401-MA3-1-18	Major Amendment 3	1	1.6 - 1.6	1.6	190000	350
SVOC	Anthracene	401-MA3-1-21	Major Amendment 3	3	U (8.5)	1.4	190000	350
SVOC	Anthracene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.71	0.24	190000	350
SVOC	Anthracene	401-MA3-1-24	Major Amendment 3	2	U (0.17)	0.051	190000	350
SVOC	Anthracene	401-MA3-1-25	Major Amendment 3	3	0.026 - 0.42	0.16	190000	350
SVOC	Anthracene	401-MA3-1-33	Major Amendment 3	2	0.035 - 0.035	0.022	190000	350
SVOC	Anthracene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	190000	350
SVOC	Anthracene	401-MA3-1-35	Major Amendment 3	5	0.032 - 1.3	0.35	190000	350
SVOC	Anthracene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.092	0.069	190000	350
SVOC	Anthracene	401-MA3-1-49	Major Amendment 3	6	0.025 - 0.73	0.20	190000	350
SVOC	Anthracene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 1.7	0.61	190000	350
SVOC	Anthracene	401-MA3-1-55	Major Amendment 3	3	0.30 - 0.30	0.43	190000	350
SVOC	Anthracene	401-MA3-1-56	Major Amendment 3	2	0.65 - 0.65	0.33	190000	350
SVOC	Anthracene	401-MA3-1-57	Major Amendment 3	5	0.17 - 1.2	0.34	190000	350
SVOC	Anthracene	401-MA3-1-58	Major Amendment 3	1	0.028 - 0.028	0.028	190000	350
SVOC	Anthracene	401-MA3-1-59	Major Amendment 3	4	0.42 - 0.44	0.22	190000	350
SVOC	Anthracene	401-MA3-1-60	Major Amendment 3	25	U (3.8) - 5.7	0.44	190000	350
SVOC	Anthracene	401-MA3-1-61	Major Amendment 3	3	0.024 - 0.024	0.014	190000	350
SVOC	Anthracene	401-MA3-1-68	Major Amendment 3	1	4.1 - 4.1	4.1	190000	350
SVOC	Anthracene	401-MA3-1-70	Major Amendment 3	3	U (0.088)	0.021	190000	350
SVOC	Anthracene	401-MA3-1-72	Major Amendment 3	4	0.23 - 0.54	0.23	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	0.032 - 1.3	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	402-MA3-1-03	Major Amendment 3	52	0.024 - 9.6	0.86	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	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
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	403-MA3-1-01	Major Amendment 3	13	0.078 - 0.12	0.076	190000	350
SVOC	Anthracene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	190000	350
SVOC	Anthracene	403-MA3-1-04	Major Amendment 3	1	0.094 - 0.094	0.094	190000	350
SVOC	Anthracene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	190000	350
SVOC	Anthracene	403-MA3-1-16	Major Amendment 3	4	0.077 - 0.10	0.072	190000	350
SVOC	Anthracene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	190000	350
SVOC	Anthracene	404-A01	Major Amendment 3	19	0.021 - 3.3	0.58	190000	350
SVOC	Anthracene	404-B01	Major Amendment 3	24	0.026 - 46	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	0.28 - 14	6.7	190000	350
SVOC	Anthracene	404-D01	Major Amendment 3	6	0.068 - 0.60	0.26	190000	350
SVOC	Anthracene	404-E01	Major Amendment 3	30	0.024 - 18	3.3	190000	350

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	404-F01	Major Amendment 3	22	0.14 - 124	16	190000	350
SVOC	Anthracene	404-MA3-1-01	Major Amendment 3	18	0.14 - 6.3	1.8	190000	350
SVOC	Anthracene	404-MA3-1-02	Major Amendment 3	7	0.083 - 8.3	2.8	190000	350
SVOC	Anthracene	404-MA3-1-05	Major Amendment 3	68	0.040 - 13	0.62	190000	350
SVOC	Anthracene	404-MA3-1-06	Major Amendment 3	4	0.098 - 0.87	0.38	190000	350
SVOC	Benzo(a)anthracene	401-A01	Major Amendment 3	4	0.20 - 0.20	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	0.047 - 5.8	0.76	130	340
SVOC	Benzo(a)anthracene	401-G01	Major Amendment 3	3	U (0.17) - 0.20	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	0.061 - 0.079	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	0.054 - 0.054	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-MA3-1-02	Major Amendment 3	4	0.20 - 0.20	0.081	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-08	Major Amendment 3	11	0.016 - 3.2	0.64	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-10	Major Amendment 3	13	0.0012 - 0.15	0.030	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-12	Major Amendment 3	8	0.047 - 5.8	0.76	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-13	Major Amendment 3	3	U (0.17) - 0.20	0.14	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-14	Major Amendment 3	3	0.13 - 0.49	0.26	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-18	Major Amendment 3	1	2.5 - 2.5	2.5	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-21	Major Amendment 3	3	0.061 - 0.079	1.5	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.036	0.019	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-24	Major Amendment 3	2	0.054 - 0.054	0.069	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-25	Major Amendment 3	3	U (0.094)	0.023	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-33	Major Amendment 3	2	0.026 - 0.026	0.017	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-35	Major Amendment 3	5	0.13 - 1.6	0.52	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.19	0.12	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-49	Major Amendment 3	6	0.023 - 0.31	0.11	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 3.4	1.2	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-55	Major Amendment 3	3	0.090 - 0.090	0.36	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-56	Major Amendment 3	2	0.13 - 0.13	0.070	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-57	Major Amendment 3	5	0.061 - 1.0	0.25	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-58	Major Amendment 3	1	0.17 - 0.17	0.17	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-59	Major Amendment 3	4	0.023 - 0.28	0.11	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-60	Major Amendment 3	25	U (0.18) - 11	1.1	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-61	Major Amendment 3	3	U (0.019)	0.0088	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-68	Major Amendment 3	1	9.6 - 9.6	9.6	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.23	0.095	130	340
SVOC	Benzo(a)anthracene	401-MA3-1-72	Major Amendment 3	4	0.13 - 2.1	0.66	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	0.13 - 1.6	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	0.13 - 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	402-MA3-1-03	Major Amendment 3	52	0.11 - 20	2.0	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) - 2.2	0.32	130	340
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	0.027 - 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	403-MA3-1-01	Major Amendment 3	13	0.042 - 0.075	0.069	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-04	Major Amendment 3	1	U (0.12)	0.060	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-16	Major Amendment 3	4	0.16 - 0.29	0.17	130	340
SVOC	Benzo(a)anthracene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	130	340
SVOC	Benzo(a)anthracene	404-A01	Major Amendment 3	19	0.030 - 8.7	1.5	130	340
SVOC	Benzo(a)anthracene	404-B01	Major Amendment 3	24	0.041 - 37	3.0	130	340
SVOC	Benzo(a)anthracene	404-B02	Major Amendment 3	6	U (2.0) - 5.1	1.6	130	340
SVOC	Benzo(a)anthracene	404-C01	Major Amendment 3	3	0.59 - 7.9	4.0	130	340
SVOC	Benzo(a)anthracene	404-D01	Major Amendment 3	6	0.13 - 0.63	0.35	130	340
SVOC	Benzo(a)anthracene	404-E01	Major Amendment 3	30	0.076 - 32	5.3	130	340
SVOC	Benzo(a)anthracene	404-F01	Major Amendment 3	22	0.30 - 151	22	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-01	Major Amendment 3	19	U (2.5) - 21	4.1	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-02	Major Amendment 3	7	0.36 - 13	4.6	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-05	Major Amendment 3	68	0.016 - 22	1.4	130	340
SVOC	Benzo(a)anthracene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 5.1	1.6	130	340
SVOC	Benzo(a)pyrene	401-A01	Major Amendment 3	4	0.22 - 0.22	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	0.084 - 5.1	0.73	91	46
SVOC	Benzo(a)pyrene	401-G01	Major Amendment 3	3	0.14 - 0.20	0.18	91	46
SVOC	Benzo(a)pyrene	401-H01	Major Amendment 3	3	0.13 - 0.24	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	0.059 - 0.059	1.5	91	46
SVOC	Benzo(a)pyrene	401-K01	Major Amendment 3	5	U (0.021) - 0.026	0.015	91	46

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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-MA3-1-02	Major Amendment 3	4	0.22 - 0.22	0.087	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-08	Major Amendment 3	11	U (0.45) - 3.3	0.71	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-10	Major Amendment 3	13	0.0014 - 0.13	0.027	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-12	Major Amendment 3	8	0.084 - 5.1	0.73	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-13	Major Amendment 3	3	0.14 - 0.20	0.18	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-14	Major Amendment 3	3	0.13 - 0.24	0.18	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-18	Major Amendment 3	1	1.5 - 1.5	1.5	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-21	Major Amendment 3	3	0.059 - 0.059	1.5	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.026	0.015	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-24	Major Amendment 3	2	U (0.17)	0.051	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-25	Major Amendment 3	3	U (0.094)	0.023	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-33	Major Amendment 3	2	0.024 - 0.024	0.016	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-35	Major Amendment 3	5	U (0.19) - 1.1	0.40	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.22	0.13	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-49	Major Amendment 3	6	0.36 - 0.46	0.14	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 2.1	0.74	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-55	Major Amendment 3	3	0.037 - 0.037	0.34	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-56	Major Amendment 3	2	0.12 - 0.12	0.065	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-57	Major Amendment 3	5	0.032 - 1.2	0.28	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-58	Major Amendment 3	1	0.12 - 0.12	0.12	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-59	Major Amendment 3	4	0.026 - 9.2	2.4	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-60	Major Amendment 3	27	U (0.83) - 24	2.4	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-61	Major Amendment 3	3	U (0.019)	0.0088	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-68	Major Amendment 3	1	6.3 - 6.3	6.3	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.35	0.13	91	46
SVOC	Benzo(a)pyrene	401-MA3-1-72	Major Amendment 3	4	U (1.9) - 1.8	0.50	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) - 1.1	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	0.060 - 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	0.020 - 2.0	1.1	91	46
SVOC	Benzo(a)pyrene	402-MA3-1-03	Major Amendment 3	52	0.085 - 17	1.9	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
SVOC	Benzo(a)pyrene	403-C01	Major Amendment 3	8	U (1.4) - 1.3	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	0.031 - 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	403-MA3-1-01	Major Amendment 3	13	U (0.41)	0.088	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-03	Major Amendment 3	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-04	Major Amendment 3	1	U (0.16)	0.080	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-16	Major Amendment 3	4	0.17 - 0.29	0.17	91	46
SVOC	Benzo(a)pyrene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	91	46
SVOC	Benzo(a)pyrene	404-A01	Major Amendment 3	19	0.032 - 11	1.7	91	46
SVOC	Benzo(a)pyrene	404-B01	Major Amendment 3	26	0.062 - 32	2.7	91	46
SVOC	Benzo(a)pyrene	404-B02	Major Amendment 3	6	U (2.0) - 6.1	1.7	91	46
SVOC	Benzo(a)pyrene	404-C01	Major Amendment 3	3	0.56 - 4.8	2.8	91	46
SVOC	Benzo(a)pyrene	404-D01	Major Amendment 3	6	0.10 - 2.4	0.63	91	46
SVOC	Benzo(a)pyrene	404-E01	Major Amendment 3	31	0.056 - 34	4.7	91	46
SVOC	Benzo(a)pyrene	404-F01	Major Amendment 3	22	0.21 - 144	19	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-01	Major Amendment 3	19	U (3.3) - 17	3.9	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-02	Major Amendment 3	7	0.45 - 11	4.2	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-05	Major Amendment 3	68	0.020 - 19	1.4	91	46
SVOC	Benzo(a)pyrene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 6.1	1.7	91	46
SVOC	Benzo(b)fluoranthene	401-A01	Major Amendment 3	4	0.24 - 0.24	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	0.079 - 9.8	1.3	76	170
SVOC	Benzo(b)fluoranthene	401-G01	Major Amendment 3	3	0.19 - 0.24	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-H01	Major Amendment 3	3	0.18 - 0.30	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	0.070 - 0.079	1.5	76	170
SVOC	Benzo(b)fluoranthene	401-K01	Major Amendment 3	5	U (0.021) - 0.030	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-MA3-1-02	Major Amendment 3	4	0.24 - 0.24	0.093	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-08	Major Amendment 3	11	U (0.45) - 6.7	1.2	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-10	Major Amendment 3	13	0.00098 - 0.17	0.036	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-12	Major Amendment 3	8	0.079 - 9.8	1.3	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-13	Major Amendment 3	3	0.19 - 0.24	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-14	Major Amendment 3	3	0.18 - 0.30	0.22	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-18	Major Amendment 3	1	2.1 - 2.1	2.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-21	Major Amendment 3	3	0.070 - 0.079	1.5	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.030	0.020	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-24	Major Amendment 3	2	U (0.17)	0.051	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-25	Major Amendment 3	3	U (0.094)	0.023	76	170

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	401-MA3-1-33	Major Amendment 3	2	0.029 - 0.029	0.019	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-35	Major Amendment 3	5	U (0.19) - 1.2	0.43	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.26	0.15	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-49	Major Amendment 3	6	0.021 - 0.74	0.20	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 1.6	0.57	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-55	Major Amendment 3	3	0.043 - 0.043	0.35	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-56	Major Amendment 3	2	0.13 - 0.13	0.070	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-57	Major Amendment 3	5	0.029 - 1.2	0.28	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-58	Major Amendment 3	1	0.17 - 0.17	0.17	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-59	Major Amendment 3	4	0.033 - 4.3	1.2	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-60	Major Amendment 3	25	U (0.18) - 21	2.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-61	Major Amendment 3	3	U (0.019)	0.0088	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-68	Major Amendment 3	1	8.1 - 8.1	8.1	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.34	0.13	76	170
SVOC	Benzo(b)fluoranthene	401-MA3-1-72	Major Amendment 3	4	U (1.9) - 1.3	0.38	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	0.030 - 27	2.2	76	170
SVOC	Benzo(b)fluoranthene	402-C01	Major Amendment 3	3	0.030 - 2.6	1.3	76	170
SVOC	Benzo(b)fluoranthene	402-MA3-1-03	Major Amendment 3	52	0.13 - 19	2.2	76	170
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) - 1.4	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	0.047 - 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	403-MA3-1-01	Major Amendment 3	13	U (0.41) - 0.036	0.068	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-04	Major Amendment 3	1	U (0.12)	0.060	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-16	Major Amendment 3	4	0.23 - 0.40	0.23	76	170
SVOC	Benzo(b)fluoranthene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	76	170
SVOC	Benzo(b)fluoranthene	404-A01	Major Amendment 3	19	0.039 - 12	1.9	76	170
SVOC	Benzo(b)fluoranthene	404-B01	Major Amendment 3	24	0.061 - 31	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	0.15 - 1.8	0.59	76	170
SVOC	Benzo(b)fluoranthene	404-E01	Major Amendment 3	30	0.061 - 26	4.4	76	170
SVOC	Benzo(b)fluoranthene	404-F01	Major Amendment 3	22	0.28 - 154	23	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-01	Major Amendment 3	19	U (2.5) - 19	4.3	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-02	Major Amendment 3	7	0.49 - 12	4.5	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-05	Major Amendment 3	68	0.017 - 27	1.6	76	170
SVOC	Benzo(b)fluoranthene	404-MA3-1-06	Major Amendment 3	6	0.43 - 6.1	1.9	76	170
SVOC	Benzo(g,h,i)perylene	401-A01	Major Amendment 3	4	0.18 - 0.18	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	0.092 - 0.13	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	0.042 - 0.046	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) - 0.20	0.065	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-02	Major Amendment 3	4	0.18 - 0.18	0.077	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-08	Major Amendment 3	11	U (0.45) - 2.1	0.46	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-10	Major Amendment 3	13	0.00069 - 0.10	0.025	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-12	Major Amendment 3	8	0.037 - 1.3	0.21	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-13	Major Amendment 3	3	U (0.17) - 0.16	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-14	Major Amendment 3	3	0.092 - 0.13	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-18	Major Amendment 3	1	0.66 - 0.66	0.66	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-21	Major Amendment 3	3	0.042 - 0.046	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-23	Major Amendment 3	5	U (0.021)	0.0092	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-24	Major Amendment 3	2	U (0.17)	0.051	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-25	Major Amendment 3	3	U (0.094)	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-33	Major Amendment 3	2	0.019 - 0.019	0.014	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-35	Major Amendment 3	5	U (0.19) - 0.47	0.23	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.15	0.098	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-49	Major Amendment 3	6	0.13 - 0.26	0.073	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 1.1	0.40	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-55	Major Amendment 3	3	0.020 - 0.020	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-56	Major Amendment 3	2	0.13 - 0.13	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-57	Major Amendment 3	5	0.022 - 0.90	0.25	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-58	Major Amendment 3	1	0.11 - 0.11	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-59	Major Amendment 3	4	0.023 - 5.0	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-60	Major Amendment 3	25	U (0.52) - 21	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-61	Major Amendment 3	3	U (0.019)	0.0088	190000	180

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	401-MA3-1-68	Major Amendment 3	1	2.6 - 2.6	2.6	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-70	Major Amendment 3	3	0.11 - 0.20	0.11	190000	180
SVOC	Benzo(g,h,i)perylene	401-MA3-1-72	Major Amendment 3	4	0.17 - 1.4	0.46	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) - 0.47	0.23	190000	180
SVOC	Benzo(g,h,i)perylene	401-Q01	Major Amendment 3	33	0.010 - 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	0.030 - 16	1.4	190000	180
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	402-MA3-1-03	Major Amendment 3	52	0.059 - 6.6	1.0	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) - 0.99	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	0.039 - 0.20	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	403-MA3-1-01	Major Amendment 3	13	U (0.41) - 0.025	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-03	Major Amendment 3	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-04	Major Amendment 3	1	U (0.16)	0.080	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-16	Major Amendment 3	4	0.15 - 0.38	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	404-A01	Major Amendment 3	19	0.041 - 5.7	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	404-B01	Major Amendment 3	24	0.11 - 11	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	404-B02	Major Amendment 3	6	U (2.0) - 1.1	0.67	190000	180
SVOC	Benzo(g,h,i)perylene	404-C01	Major Amendment 3	3	U (2.0) - 2.6	1.3	190000	180
SVOC	Benzo(g,h,i)perylene	404-D01	Major Amendment 3	6	0.046 - 2.0	0.54	190000	180
SVOC	Benzo(g,h,i)perylene	404-E01	Major Amendment 3	30	0.032 - 7.9	1.5	190000	180
SVOC	Benzo(g,h,i)perylene	404-F01	Major Amendment 3	22	0.11 - 40	6.2	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-01	Major Amendment 3	19	U (1.9) - 7.4	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-02	Major Amendment 3	7	0.33 - 4.0	1.7	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-05	Major Amendment 3	68	0.033 - 13	1.1	190000	180
SVOC	Benzo(g,h,i)perylene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 1.1	0.67	190000	180
SVOC	Chrysene	401-A01	Major Amendment 3	4	0.25 - 0.25	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	0.081 - 5.6	0.91	760	230
SVOC	Chrysene	401-G01	Major Amendment 3	3	0.15 - 0.22	0.18	760	230
SVOC	Chrysene	401-H01	Major Amendment 3	3	0.14 - 0.49	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	0.062 - 0.090	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	0.047 - 0.047	0.066	760	230
SVOC	Chrysene	401-L02	Major Amendment 3	6	U (0.094) - 0.60	0.12	760	230
SVOC	Chrysene	401-MA3-1-02	Major Amendment 3	4	0.25 - 0.25	0.095	760	230
SVOC	Chrysene	401-MA3-1-08	Major Amendment 3	11	0.013 - 3.6	0.75	760	230
SVOC	Chrysene	401-MA3-1-10	Major Amendment 3	13	0.00074 - 0.12	0.027	760	230
SVOC	Chrysene	401-MA3-1-12	Major Amendment 3	8	0.081 - 5.6	0.91	760	230
SVOC	Chrysene	401-MA3-1-13	Major Amendment 3	3	0.15 - 0.22	0.18	760	230
SVOC	Chrysene	401-MA3-1-14	Major Amendment 3	3	0.14 - 0.49	0.27	760	230
SVOC	Chrysene	401-MA3-1-18	Major Amendment 3	1	2.7 - 2.7	2.7	760	230
SVOC	Chrysene	401-MA3-1-21	Major Amendment 3	3	0.062 - 0.090	1.5	760	230
SVOC	Chrysene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.071	0.034	760	230
SVOC	Chrysene	401-MA3-1-24	Major Amendment 3	2	0.047 - 0.047	0.066	760	230
SVOC	Chrysene	401-MA3-1-25	Major Amendment 3	3	U (0.094)	0.023	760	230
SVOC	Chrysene	401-MA3-1-33	Major Amendment 3	2	0.031 - 0.031	0.020	760	230
SVOC	Chrysene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	760	230
SVOC	Chrysene	401-MA3-1-35	Major Amendment 3	5	0.35 - 1.6	0.57	760	230
SVOC	Chrysene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.22	0.13	760	230
SVOC	Chrysene	401-MA3-1-49	Major Amendment 3	6	0.097 - 0.40	0.14	760	230
SVOC	Chrysene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 3.6	1.2	760	230
SVOC	Chrysene	401-MA3-1-55	Major Amendment 3	3	0.075 - 0.13	0.39	760	230
SVOC	Chrysene	401-MA3-1-56	Major Amendment 3	2	0.17 - 0.17	0.090	760	230
SVOC	Chrysene	401-MA3-1-57	Major Amendment 3	5	0.18 - 1.4	0.42	760	230
SVOC	Chrysene	401-MA3-1-58	Major Amendment 3	1	0.23 - 0.23	0.23	760	230
SVOC	Chrysene	401-MA3-1-59	Major Amendment 3	4	0.030 - 17	4.4	760	230
SVOC	Chrysene	401-MA3-1-60	Major Amendment 3	25	U (0.52) - 50	3.3	760	230
SVOC	Chrysene	401-MA3-1-61	Major Amendment 3	3	U (0.019)	0.0088	760	230
SVOC	Chrysene	401-MA3-1-68	Major Amendment 3	1	8.5 - 8.5	8.5	760	230
SVOC	Chrysene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.60	0.22	760	230
SVOC	Chrysene	401-MA3-1-72	Major Amendment 3	4	U (1.9) - 6.9	1.8	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	0.35 - 1.6	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
SVOC	Chrysene	402-B01	Major Amendment 3	58	0.021 - 24	2.6	760	230
SVOC	Chrysene	402-C01	Major Amendment 3	3	0.020 - 2.0	1.1	760	230
SVOC	Chrysene	402-MA3-1-03	Major Amendment 3	52	0.14 - 17	2.1	760	230
SVOC	Chrysene	403-A01	Major Amendment 3	2	U (0.19)	0.058	760	230

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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) - 4.4	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	0.040 - 0.33	0.095	760	230
SVOC	Chrysene	403-G01	Major Amendment 3	2	U (0.18)	0.054	760	230
SVOC	Chrysene	403-MA3-1-01	Major Amendment 3	13	0.024 - 0.073	0.067	760	230
SVOC	Chrysene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	760	230
SVOC	Chrysene	403-MA3-1-04	Major Amendment 3	1	U (0.12)	0.060	760	230
SVOC	Chrysene	403-MA3-1-12	Major Amendment 3	1	0.20 - 0.20	0.20	760	230
SVOC	Chrysene	403-MA3-1-16	Major Amendment 3	4	0.025 - 0.43	0.22	760	230
SVOC	Chrysene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	760	230
SVOC	Chrysene	404-A01	Major Amendment 3	19	0.032 - 7.8	1.6	760	230
SVOC	Chrysene	404-B01	Major Amendment 3	24	0.039 - 36	3.2	760	230
SVOC	Chrysene	404-B02	Major Amendment 3	6	U (2.0) - 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	0.16 - 3.9	0.89	760	230
SVOC	Chrysene	404-E01	Major Amendment 3	30	0.083 - 71	8.8	760	230
SVOC	Chrysene	404-F01	Major Amendment 3	22	0.22 - 158	21	760	230
SVOC	Chrysene	404-MA3-1-01	Major Amendment 3	19	U (2.5) - 16	3.9	760	230
SVOC	Chrysene	404-MA3-1-02	Major Amendment 3	7	0.39 - 8.1	3.1	760	230
SVOC	Chrysene	404-MA3-1-05	Major Amendment 3	68	0.11 - 21	1.6	760	230
SVOC	Chrysene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 5.2	1.6	760	230
SVOC	Fluorene	401-A01	Major Amendment 3	4	U (0.11) - 0.076	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) - 0.72	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	0.58 - 0.58	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 - 0.70	0.15	130000	3800
SVOC	Fluorene	401-MA3-1-02	Major Amendment 3	4	U (0.11) - 0.076	0.042	130000	3800
SVOC	Fluorene	401-MA3-1-08	Major Amendment 3	11	0.059 - 1.5	0.37	130000	3800
SVOC	Fluorene	401-MA3-1-10	Major Amendment 3	13	0.0022 - 0.58	0.10	130000	3800
SVOC	Fluorene	401-MA3-1-12	Major Amendment 3	8	U (0.075) - 0.72	0.17	130000	3800
SVOC	Fluorene	401-MA3-1-13	Major Amendment 3	3	U (0.17)	0.041	130000	3800
SVOC	Fluorene	401-MA3-1-14	Major Amendment 3	3	0.58 - 0.58	0.20	130000	3800
SVOC	Fluorene	401-MA3-1-18	Major Amendment 3	1	3.3 - 3.3	3.3	130000	3800
SVOC	Fluorene	401-MA3-1-21	Major Amendment 3	3	U (8.5) - 22	7.3	130000	3800
SVOC	Fluorene	401-MA3-1-23	Major Amendment 3	5	0.031 - 1.7	0.67	130000	3800
SVOC	Fluorene	401-MA3-1-24	Major Amendment 3	2	0.22 - 0.22	0.15	130000	3800
SVOC	Fluorene	401-MA3-1-25	Major Amendment 3	3	0.038 - 0.70	0.27	130000	3800
SVOC	Fluorene	401-MA3-1-33	Major Amendment 3	2	0.11 - 0.11	0.059	130000	3800
SVOC	Fluorene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	130000	3800
SVOC	Fluorene	401-MA3-1-35	Major Amendment 3	5	0.034 - 0.78	0.22	130000	3800
SVOC	Fluorene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.088	0.067	130000	3800
SVOC	Fluorene	401-MA3-1-49	Major Amendment 3	6	0.049 - 3.6	0.81	130000	3800
SVOC	Fluorene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 3.5	1.2	130000	3800
SVOC	Fluorene	401-MA3-1-55	Major Amendment 3	3	0.76 - 2.1	1.3	130000	3800
SVOC	Fluorene	401-MA3-1-56	Major Amendment 3	2	0.84 - 0.84	0.42	130000	3800
SVOC	Fluorene	401-MA3-1-57	Major Amendment 3	5	0.54 - 1.7	0.63	130000	3800
SVOC	Fluorene	401-MA3-1-58	Major Amendment 3	1	U (0.019)	0.0095	130000	3800
SVOC	Fluorene	401-MA3-1-59	Major Amendment 3	4	0.56 - 1.0	0.39	130000	3800
SVOC	Fluorene	401-MA3-1-60	Major Amendment 3	25	U (0.87) - 4.6	0.66	130000	3800
SVOC	Fluorene	401-MA3-1-61	Major Amendment 3	3	0.024 - 0.024	0.014	130000	3800
SVOC	Fluorene	401-MA3-1-68	Major Amendment 3	1	U (1.9)	0.95	130000	3800
SVOC	Fluorene	401-MA3-1-70	Major Amendment 3	3	U (0.088)	0.021	130000	3800
SVOC	Fluorene	401-MA3-1-72	Major Amendment 3	9	0.16 - 13	2.2	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	0.034 - 0.78	0.22	130000	3800
SVOC	Fluorene	401-Q01	Major Amendment 3	33	0.00085 - 242	10	130000	3800
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	0.060 - 35	2.1	130000	3800
SVOC	Fluorene	402-C01	Major Amendment 3	3	0.26 - 0.26	0.12	130000	3800
SVOC	Fluorene	402-MA3-1-03	Major Amendment 3	52	0.0080 - 8.2	0.62	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	0.021 - 0.67	0.11	130000	3800
SVOC	Fluorene	403-G01	Major Amendment 3	2	U (0.18)	0.054	130000	3800
SVOC	Fluorene	403-MA3-1-01	Major Amendment 3	13	0.21 - 0.39	0.15	130000	3800
SVOC	Fluorene	403-MA3-1-03	Major Amendment 3	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	403-MA3-1-04	Major Amendment 3	1	0.55 - 0.55	0.55	130000	3800
SVOC	Fluorene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	130000	3800
SVOC	Fluorene	403-MA3-1-16	Major Amendment 3	4	0.042 - 0.051	0.041	130000	3800
SVOC	Fluorene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	130000	3800
SVOC	Fluorene	404-A01	Major Amendment 3	19	0.016 - 1.8	0.27	130000	3800

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	404-B01	Major Amendment 3	24	U (1.2) - 43	3.1	130000	3800
SVOC	Fluorene	404-B02	Major Amendment 3	6	U (2.0) - 0.42	0.37	130000	3800
SVOC	Fluorene	404-C01	Major Amendment 3	3	0.37 - 54	24	130000	3800
SVOC	Fluorene	404-D01	Major Amendment 3	6	0.022 - 5.4	1.1	130000	3800
SVOC	Fluorene	404-E01	Major Amendment 3	30	U (0.97) - 49	11	130000	3800
SVOC	Fluorene	404-F01	Major Amendment 3	22	0.090 - 105	16	130000	3800
SVOC	Fluorene	404-MA3-1-01	Major Amendment 3	19	U (4.1) - 11	2.0	130000	3800
SVOC	Fluorene	404-MA3-1-02	Major Amendment 3	7	U (0.23) - 6.3	2.2	130000	3800
SVOC	Fluorene	404-MA3-1-05	Major Amendment 3	68	U (0.97) - 6.4	0.39	130000	3800
SVOC	Fluorene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 0.42	0.37	130000	3800
SVOC	Naphthalene	401-A01	Major Amendment 3	4	0.043 - 0.043	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
SVOC	Naphthalene	401-H02	Major Amendment 3	19	0.00070 - 8.0	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-MA3-1-02	Major Amendment 3	4	0.043 - 0.043	0.043	66	25
SVOC	Naphthalene	401-MA3-1-08	Major Amendment 3	11	U (0.31) - 0.24	0.061	66	25
SVOC	Naphthalene	401-MA3-1-10	Major Amendment 3	16	0.0046 - 31	2.1	66	25
SVOC	Naphthalene	401-MA3-1-11	Major Amendment 3	17	0.00070 - 15	3.5	66	25
SVOC	Naphthalene	401-MA3-1-12	Major Amendment 3	8	U (0.075) - 0.21	0.043	66	25
SVOC	Naphthalene	401-MA3-1-13	Major Amendment 3	3	U (0.17)	0.041	66	25
SVOC	Naphthalene	401-MA3-1-14	Major Amendment 3	3	0.025 - 0.025	0.020	66	25
SVOC	Naphthalene	401-MA3-1-15	Major Amendment 3	11	0.00070 - 8.0	0.76	66	25
SVOC	Naphthalene	401-MA3-1-16	Major Amendment 3	1	1.7 - 1.7	1.7	66	25
SVOC	Naphthalene	401-MA3-1-17	Major Amendment 3	7	0.032 - 1.3	0.42	66	25
SVOC	Naphthalene	401-MA3-1-18	Major Amendment 3	1	1.4 - 1.4	1.4	66	25
SVOC	Naphthalene	401-MA3-1-21	Major Amendment 3	8	U (12) - 120	17	66	25
SVOC	Naphthalene	401-MA3-1-23	Major Amendment 3	5	U (0.46) - 0.99	0.38	66	25
SVOC	Naphthalene	401-MA3-1-24	Major Amendment 3	2	U (0.17)	0.051	66	25
SVOC	Naphthalene	401-MA3-1-25	Major Amendment 3	3	U (0.32)	0.055	66	25
SVOC	Naphthalene	401-MA3-1-33	Major Amendment 3	2	U (0.24)	0.12	66	25
SVOC	Naphthalene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	66	25
SVOC	Naphthalene	401-MA3-1-35	Major Amendment 3	5	U (0.19) - 0.077	0.063	66	25
SVOC	Naphthalene	401-MA3-1-48	Major Amendment 3	2	U (0.25) - 1.2	0.66	66	25
SVOC	Naphthalene	401-MA3-1-49	Major Amendment 3	6	U (0.40) - 65	12	66	25
SVOC	Naphthalene	401-MA3-1-54	Major Amendment 3	3	U (0.33)	0.15	66	25
SVOC	Naphthalene	401-MA3-1-55	Major Amendment 3	3	U (1.9)	0.39	66	25
SVOC	Naphthalene	401-MA3-1-56	Major Amendment 3	2	U (0.24)	0.061	66	25
SVOC	Naphthalene	401-MA3-1-57	Major Amendment 3	5	0.39 - 0.39	0.14	66	25
SVOC	Naphthalene	401-MA3-1-58	Major Amendment 3	1	U (0.0064)	0.0032	66	25
SVOC	Naphthalene	401-MA3-1-59	Major Amendment 3	4	3.6 - 3.6	0.94	66	25
SVOC	Naphthalene	401-MA3-1-60	Major Amendment 3	25	U (0.18) - 9.3	0.50	66	25
SVOC	Naphthalene	401-MA3-1-61	Major Amendment 3	3	U (0.0049)	0.0024	66	25
SVOC	Naphthalene	401-MA3-1-68	Major Amendment 3	1	U (1.9)	0.95	66	25
SVOC	Naphthalene	401-MA3-1-70	Major Amendment 3	3	U (0.0054)	0.0025	66	25
SVOC	Naphthalene	401-MA3-1-72	Major Amendment 3	9	0.037 - 4.7	1.2	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	0.030 - 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	0.0070 - 0.54	0.34	66	25
SVOC	Naphthalene	402-MA3-1-03	Major Amendment 3	52	0.025 - 18	2.4	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) - 0.015	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 (0.20) - 0.11	0.080	66	25
SVOC	Naphthalene	403-F01	Major Amendment 3	7	0.041 - 0.23	0.060	66	25
SVOC	Naphthalene	403-G01	Major Amendment 3	2	U (0.18)	0.054	66	25
SVOC	Naphthalene	403-MA3-1-01	Major Amendment 3	13	0.81 - 1.6	0.34	66	25
SVOC	Naphthalene	403-MA3-1-03	Major Amendment 3	1	U (0.19)	0.095	66	25
SVOC	Naphthalene	403-MA3-1-04	Major Amendment 3	5	0.062 - 0.064	0.081	66	25
SVOC	Naphthalene	403-MA3-1-09	Major Amendment 3	13	U (0.21) - 1.8	0.24	66	25
SVOC	Naphthalene	403-MA3-1-11	Major Amendment 3	7	U (0.20)	0.096	66	25
SVOC	Naphthalene	403-MA3-1-12	Major Amendment 3	1	U (0.20)	0.10	66	25
SVOC	Naphthalene	403-MA3-1-16	Major Amendment 3	4	0.053 - 1.5	0.52	66	25
SVOC	Naphthalene	403-MA3-1-18	Major Amendment 3	4	U (0.20) - 0.11	0.080	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	0.019 - 5.5	0.72	66	25
SVOC	Naphthalene	404-B02	Major Amendment 3	6	U (0.21) - 0.33	0.14	66	25
SVOC	Naphthalene	404-C01	Major Amendment 3	3	U (2.0) - 15	5.6	66	25
SVOC	Naphthalene	404-D01	Major Amendment 3	6	U (0.67) - 1.7	0.45	66	25
SVOC	Naphthalene	404-E01	Major Amendment 3	30	U (0.97) - 6.4	1.1	66	25

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	404-F01	Major Amendment 3	22	U (17) - 152	13	66	25
SVOC	Naphthalene	404-MA3-1-01	Major Amendment 3	19	U (0.23) - 5.0	1.4	66	25
SVOC	Naphthalene	404-MA3-1-02	Major Amendment 3	7	0.055 - 5.8	1.7	66	25
SVOC	Naphthalene	404-MA3-1-05	Major Amendment 3	68	U (56) - 1.4	0.79	66	25
SVOC	Naphthalene	404-MA3-1-06	Major Amendment 3	6	U (0.21) - 0.33	0.14	66	25
SVOC	Phenanthrene	401-A01	Major Amendment 3	4	0.063 - 0.27	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	0.055 - 6.8	1.1	190000	10000
SVOC	Phenanthrene	401-G01	Major Amendment 3	3	U (0.17) - 0.25	0.14	190000	10000
SVOC	Phenanthrene	401-H01	Major Amendment 3	3	0.13 - 2.2	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	0.017 - 46	15	190000	10000
SVOC	Phenanthrene	401-K01	Major Amendment 3	5	0.048 - 4.0	1.4	190000	10000
SVOC	Phenanthrene	401-L01	Major Amendment 3	2	0.60 - 0.60	0.34	190000	10000
SVOC	Phenanthrene	401-L02	Major Amendment 3	6	0.024 - 2.0	0.40	190000	10000
SVOC	Phenanthrene	401-MA3-1-02	Major Amendment 3	4	0.063 - 0.27	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-08	Major Amendment 3	11	0.077 - 3.6	1.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-10	Major Amendment 3	13	0.0056 - 0.88	0.17	190000	10000
SVOC	Phenanthrene	401-MA3-1-12	Major Amendment 3	8	0.055 - 6.8	1.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-13	Major Amendment 3	3	U (0.17) - 0.25	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-14	Major Amendment 3	3	0.13 - 2.2	0.81	190000	10000
SVOC	Phenanthrene	401-MA3-1-18	Major Amendment 3	1	6.9 - 6.9	6.9	190000	10000
SVOC	Phenanthrene	401-MA3-1-21	Major Amendment 3	3	0.017 - 46	15	190000	10000
SVOC	Phenanthrene	401-MA3-1-23	Major Amendment 3	5	0.048 - 4.0	1.4	190000	10000
SVOC	Phenanthrene	401-MA3-1-24	Major Amendment 3	2	0.60 - 0.60	0.34	190000	10000
SVOC	Phenanthrene	401-MA3-1-25	Major Amendment 3	3	0.10 - 2.0	0.77	190000	10000
SVOC	Phenanthrene	401-MA3-1-33	Major Amendment 3	2	0.23 - 0.23	0.12	190000	10000
SVOC	Phenanthrene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	190000	10000
SVOC	Phenanthrene	401-MA3-1-35	Major Amendment 3	5	0.21 - 3.6	0.99	190000	10000
SVOC	Phenanthrene	401-MA3-1-48	Major Amendment 3	2	0.15 - 0.23	0.19	190000	10000
SVOC	Phenanthrene	401-MA3-1-49	Major Amendment 3	6	0.076 - 5.2	1.3	190000	10000
SVOC	Phenanthrene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 5.9	2.1	190000	10000
SVOC	Phenanthrene	401-MA3-1-55	Major Amendment 3	3	0.55 - 4.8	2.7	190000	10000
SVOC	Phenanthrene	401-MA3-1-56	Major Amendment 3	2	3.5 - 3.5	1.8	190000	10000
SVOC	Phenanthrene	401-MA3-1-57	Major Amendment 3	5	0.038 - 6.8	2.0	190000	10000
SVOC	Phenanthrene	401-MA3-1-58	Major Amendment 3	1	0.14 - 0.14	0.14	190000	10000
SVOC	Phenanthrene	401-MA3-1-59	Major Amendment 3	4	U (0.19) - 2.9	0.97	190000	10000
SVOC	Phenanthrene	401-MA3-1-60	Major Amendment 3	25	U (0.43) - 24	1.7	190000	10000
SVOC	Phenanthrene	401-MA3-1-61	Major Amendment 3	3	0.059 - 0.059	0.025	190000	10000
SVOC	Phenanthrene	401-MA3-1-68	Major Amendment 3	1	11 - 11	11	190000	10000
SVOC	Phenanthrene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.024	0.026	190000	10000
SVOC	Phenanthrene	401-MA3-1-72	Major Amendment 3	9	0.099 - 39	6.7	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	0.21 - 3.6	0.99	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	402-MA3-1-03	Major Amendment 3	52	0.078 - 28	2.4	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	0.050 - 0.50	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	1.0 - 1.0	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	0.034 - 1.7	0.30	190000	10000
SVOC	Phenanthrene	403-G01	Major Amendment 3	2	U (0.18)	0.054	190000	10000
SVOC	Phenanthrene	403-MA3-1-01	Major Amendment 3	13	0.050 - 0.50	0.17	190000	10000
SVOC	Phenanthrene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	403-MA3-1-04	Major Amendment 3	1	1.0 - 1.0	1.0	190000	10000
SVOC	Phenanthrene	403-MA3-1-12	Major Amendment 3	1	0.20 - 0.20	0.20	190000	10000
SVOC	Phenanthrene	403-MA3-1-16	Major Amendment 3	4	0.075 - 0.43	0.32	190000	10000
SVOC	Phenanthrene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	190000	10000
SVOC	Phenanthrene	404-A01	Major Amendment 3	19	0.032 - 5.7	1.5	190000	10000
SVOC	Phenanthrene	404-B01	Major Amendment 3	26	0.030 - 216	12	190000	10000
SVOC	Phenanthrene	404-B02	Major Amendment 3	6	U (2.0) - 7.2	2.3	190000	10000
SVOC	Phenanthrene	404-C01	Major Amendment 3	3	1.1 - 86	39	190000	10000
SVOC	Phenanthrene	404-D01	Major Amendment 3	6	0.18 - 2.7	1.0	190000	10000
SVOC	Phenanthrene	404-E01	Major Amendment 3	30	0.12 - 199	25	190000	10000
SVOC	Phenanthrene	404-F01	Major Amendment 3	22	0.47 - 471	62	190000	10000
SVOC	Phenanthrene	404-MA3-1-01	Major Amendment 3	19	U (2.5) - 44	6.3	190000	10000
SVOC	Phenanthrene	404-MA3-1-02	Major Amendment 3	7	0.16 - 28	8.6	190000	10000
SVOC	Phenanthrene	404-MA3-1-05	Major Amendment 3	68	0.028 - 54	2.7	190000	10000
SVOC	Phenanthrene	404-MA3-1-06	Major Amendment 3	6	U (2.0) - 7.2	2.3	190000	10000
SVOC	Pyrene	401-A01	Major Amendment 3	4	0.034 - 0.35	0.13	96000	2200
SVOC	Pyrene	401-E02	Major Amendment 3	24	0.0031 - 7.1	0.61	96000	2200
SVOC	Pyrene	401-F01	Major Amendment 3	8	0.088 - 8.8	1.2	96000	2200
SVOC	Pyrene	401-G01	Major Amendment 3	3	0.16 - 0.34	0.26	96000	2200
SVOC	Pyrene	401-H01	Major Amendment 3	3	0.18 - 1.4	0.58	96000	2200
SVOC	Pyrene	401-I01	Major Amendment 3	1	5.5 - 5.5	5.5	96000	2200
SVOC	Pyrene	401-J01	Major Amendment 3	3	0.059 - 0.21	1.5	96000	2200
SVOC	Pyrene	401-K01	Major Amendment 3	5	U (0.021) - 0.32	0.12	96000	2200

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	401-L01	Major Amendment 3	2	0.13 - 0.13	0.11	96000	2200
SVOC	Pyrene	401-L02	Major Amendment 3	6	0.022 - 0.95	0.23	96000	2200
SVOC	Pyrene	401-MA3-1-02	Major Amendment 3	4	0.034 - 0.35	0.13	96000	2200
SVOC	Pyrene	401-MA3-1-08	Major Amendment 3	11	0.028 - 7.1	1.3	96000	2200
SVOC	Pyrene	401-MA3-1-10	Major Amendment 3	13	0.0031 - 0.26	0.060	96000	2200
SVOC	Pyrene	401-MA3-1-12	Major Amendment 3	8	0.088 - 8.8	1.2	96000	2200
SVOC	Pyrene	401-MA3-1-13	Major Amendment 3	3	0.16 - 0.34	0.26	96000	2200
SVOC	Pyrene	401-MA3-1-14	Major Amendment 3	3	0.18 - 1.4	0.58	96000	2200
SVOC	Pyrene	401-MA3-1-18	Major Amendment 3	1	5.5 - 5.5	5.5	96000	2200
SVOC	Pyrene	401-MA3-1-21	Major Amendment 3	3	0.059 - 0.21	1.5	96000	2200
SVOC	Pyrene	401-MA3-1-23	Major Amendment 3	5	U (0.021) - 0.32	0.12	96000	2200
SVOC	Pyrene	401-MA3-1-24	Major Amendment 3	2	0.13 - 0.13	0.11	96000	2200
SVOC	Pyrene	401-MA3-1-25	Major Amendment 3	3	0.022 - 0.33	0.13	96000	2200
SVOC	Pyrene	401-MA3-1-33	Major Amendment 3	2	0.063 - 0.063	0.036	96000	2200
SVOC	Pyrene	401-MA3-1-34	Major Amendment 3	1	U (0.033)	0.017	96000	2200
SVOC	Pyrene	401-MA3-1-35	Major Amendment 3	5	0.15 - 2.3	0.73	96000	2200
SVOC	Pyrene	401-MA3-1-48	Major Amendment 3	2	U (0.092) - 0.41	0.23	96000	2200
SVOC	Pyrene	401-MA3-1-49	Major Amendment 3	6	0.011 - 0.53	0.20	96000	2200
SVOC	Pyrene	401-MA3-1-54	Major Amendment 3	3	U (0.22) - 2.9	1.0	96000	2200
SVOC	Pyrene	401-MA3-1-55	Major Amendment 3	3	0.28 - 0.50	0.37	96000	2200
SVOC	Pyrene	401-MA3-1-56	Major Amendment 3	2	0.43 - 0.43	0.22	96000	2200
SVOC	Pyrene	401-MA3-1-57	Major Amendment 3	5	0.13 - 1.5	0.40	96000	2200
SVOC	Pyrene	401-MA3-1-58	Major Amendment 3	1	0.26 - 0.26	0.26	96000	2200
SVOC	Pyrene	401-MA3-1-59	Major Amendment 3	4	0.037 - 7.1	1.9	96000	2200
SVOC	Pyrene	401-MA3-1-60	Major Amendment 3	25	U (0.87) - 41	3.6	96000	2200
SVOC	Pyrene	401-MA3-1-61	Major Amendment 3	3	U (0.019) - 0.031	0.016	96000	2200
SVOC	Pyrene	401-MA3-1-68	Major Amendment 3	1	13 - 13	13	96000	2200
SVOC	Pyrene	401-MA3-1-70	Major Amendment 3	3	U (0.088) - 0.95	0.33	96000	2200
SVOC	Pyrene	401-MA3-1-72	Major Amendment 3	4	0.53 - 1.7	0.85	96000	2200
SVOC	Pyrene	401-N01	Major Amendment 3	2	0.063 - 0.063	0.036	96000	2200
SVOC	Pyrene	401-O01	Major Amendment 3	1	U (0.033)	0.017	96000	2200
SVOC	Pyrene	401-P01	Major Amendment 3	5	0.15 - 2.3	0.73	96000	2200
SVOC	Pyrene	401-Q01	Major Amendment 3	33	0.0023 - 648	26	96000	2200
SVOC	Pyrene	401-R01	Major Amendment 3	4	0.53 - 1.7	0.85	96000	2200
SVOC	Pyrene	402-A01	Major Amendment 3	41	0.024 - 13	2.2	96000	2200
SVOC	Pyrene	402-B01	Major Amendment 3	56	0.030 - 29	4.2	96000	2200
SVOC	Pyrene	402-C01	Major Amendment 3	3	0.024 - 3.0	1.6	96000	2200
SVOC	Pyrene	402-MA3-1-03	Major Amendment 3	52	0.18 - 26	3.1	96000	2200
SVOC	Pyrene	403-A01	Major Amendment 3	2	U (0.19)	0.058	96000	2200
SVOC	Pyrene	403-B01	Major Amendment 3	13	0.043 - 0.13	0.076	96000	2200
SVOC	Pyrene	403-C01	Major Amendment 3	8	U (1.4) - 10	1.3	96000	2200
SVOC	Pyrene	403-C02	Major Amendment 3	1	0.11 - 0.11	0.11	96000	2200
SVOC	Pyrene	403-E01	Major Amendment 3	1	U (0.039)	0.020	96000	2200
SVOC	Pyrene	403-F01	Major Amendment 3	7	0.020 - 0.65	0.16	96000	2200
SVOC	Pyrene	403-G01	Major Amendment 3	2	U (0.18)	0.054	96000	2200
SVOC	Pyrene	403-MA3-1-01	Major Amendment 3	13	0.043 - 0.13	0.076	96000	2200
SVOC	Pyrene	403-MA3-1-03	Major Amendment 3	1	U (0.12)	0.060	96000	2200
SVOC	Pyrene	403-MA3-1-04	Major Amendment 3	1	0.11 - 0.11	0.11	96000	2200
SVOC	Pyrene	403-MA3-1-12	Major Amendment 3	1	0.33 - 0.33	0.33	96000	2200
SVOC	Pyrene	403-MA3-1-16	Major Amendment 3	4	0.024 - 0.53	0.34	96000	2200
SVOC	Pyrene	403-MA3-1-18	Major Amendment 3	1	U (0.039)	0.020	96000	2200
SVOC	Pyrene	404-A01	Major Amendment 3	19	0.045 - 8.9	2.4	96000	2200
SVOC	Pyrene	404-B01	Major Amendment 3	24	0.12 - 93	7.1	96000	2200
SVOC	Pyrene	404-B02	Major Amendment 3	6	0.51 - 11	3.0	96000	2200
SVOC	Pyrene	404-C01	Major Amendment 3	3	0.91 - 17	8.1	96000	2200
SVOC	Pyrene	404-D01	Major Amendment 3	6	0.23 - 5.0	1.4	96000	2200
SVOC	Pyrene	404-E01	Major Amendment 3	30	0.13 - 150	15	96000	2200
SVOC	Pyrene	404-F01	Major Amendment 3	22	0.54 - 292	44	96000	2200
SVOC	Pyrene	404-MA3-1-01	Major Amendment 3	19	U (2.5) - 34	6.3	96000	2200
SVOC	Pyrene	404-MA3-1-02	Major Amendment 3	7	0.39 - 20	6.4	96000	2200
SVOC	Pyrene	404-MA3-1-05	Major Amendment 3	68	0.049 - 36	2.7	96000	2200
SVOC	Pyrene	404-MA3-1-06	Major Amendment 3	6	0.51 - 11	3.0	96000	2200
INORG	Lead	401-A01	Major Amendment 3	4	2.2 - 222	59	1000	450
INORG	Lead	401-E02	Major Amendment 3	30	5.5 - 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	59 - 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	5.3 - 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	10	1000	450
INORG	Lead	401-L02	Major Amendment 3	6	9.3 - 17	9.8	1000	450
INORG	Lead	401-MA3-1-02	Major Amendment 3	4	2.2 - 222	59	1000	450
INORG	Lead	401-MA3-1-08	Major Amendment 3	2	9.6 - 455	232	1000	450
INORG	Lead	401-MA3-1-10	Major Amendment 3	15	5.5 - 540	66	1000	450
INORG	Lead	401-MA3-1-11	Major Amendment 3	13	5.9 - 13	9.0	1000	450
INORG	Lead	401-MA3-1-12	Major Amendment 3	8	U (2.5) - 635	134	1000	450
INORG	Lead	401-MA3-1-13	Major Amendment 3	3	59 - 807	389	1000	450
INORG	Lead	401-MA3-1-14	Major Amendment 3	3	4.8 - 726	262	1000	450
INORG	Lead	401-MA3-1-15	Major Amendment 3	7	8.8 - 372	78	1000	450
INORG	Lead	401-MA3-1-16	Major Amendment 3	1	20 - 20	20	1000	450
INORG	Lead	401-MA3-1-17	Major Amendment 3	9	5.3 - 1330	255	1000	450

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	401-MA3-1-18	Major Amendment 3	1	96 - 96	96	1000	450
INORG	Lead	401-MA3-1-21	Major Amendment 3	5	12 - 184	83	1000	450
INORG	Lead	401-MA3-1-23	Major Amendment 3	5	1.3 - 13	6.2	1000	450
INORG	Lead	401-MA3-1-24	Major Amendment 3	2	7.9 - 12	10	1000	450
INORG	Lead	401-MA3-1-25	Major Amendment 3	3	10 - 12	11	1000	450
INORG	Lead	401-MA3-1-33	Major Amendment 3	2	2.3 - 3.7	3.0	1000	450
INORG	Lead	401-MA3-1-34	Major Amendment 3	1	8.3 - 8.3	8.3	1000	450
INORG	Lead	401-MA3-1-35	Major Amendment 3	5	11 - 860	306	1000	450
INORG	Lead	401-MA3-1-48	Major Amendment 3	2	3.7 - 12	7.9	1000	450
INORG	Lead	401-MA3-1-49	Major Amendment 3	6	7.0 - 174	38	1000	450
INORG	Lead	401-MA3-1-54	Major Amendment 3	3	4.2 - 110	41	1000	450
INORG	Lead	401-MA3-1-55	Major Amendment 3	3	9.2 - 168	65	1000	450
INORG	Lead	401-MA3-1-56	Major Amendment 3	2	6.7 - 45	26	1000	450
INORG	Lead	401-MA3-1-57	Major Amendment 3	5	3.2 - 120	36	1000	450
INORG	Lead	401-MA3-1-58	Major Amendment 3	1	92 - 92	92	1000	450
INORG	Lead	401-MA3-1-59	Major Amendment 3	4	49 - 180	95	1000	450
INORG	Lead	401-MA3-1-60	Major Amendment 3	24	4.1 - 2740	469	1000	450
INORG	Lead	401-MA3-1-61	Major Amendment 3	3	1.8 - 4.7	2.3	1000	450
INORG	Lead	401-MA3-1-68	Major Amendment 3	1	227 - 227	227	1000	450
INORG	Lead	401-MA3-1-70	Major Amendment 3	3	U (1.5) - 17	9.0	1000	450
INORG	Lead	401-MA3-1-72	Major Amendment 3	4	U (2.5) - 121	38	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	11 - 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	7.9 - 600	191	1000	450
INORG	Lead	402-B01	Major Amendment 3	66	7.4 - 1370	363	1000	450
INORG	Lead	402-C01	Major Amendment 3	3	4.1 - 119	74	1000	450
INORG	Lead	402-MA3-1-03	Major Amendment 3	48	14 - 5090	354	1000	450
INORG	Lead	403-A01	Major Amendment 3	2	2.7 - 11	7.0	1000	450
INORG	Lead	403-B01	Major Amendment 3	1	7.6 - 7.6	7.6	1000	450
INORG	Lead	403-C01	Major Amendment 3	5	4.0 - 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	403-MA3-1-01	Major Amendment 3	1	7.6 - 7.6	7.6	1000	450
INORG	Lead	403-MA3-1-12	Major Amendment 3	1	74 - 74	74	1000	450
INORG	Lead	403-MA3-1-16	Major Amendment 3	5	18 - 5540	1288	1000	450
INORG	Lead	403-MA3-1-18	Major Amendment 3	1	9.7 - 9.7	9.7	1000	450
INORG	Lead	404-A01	Major Amendment 3	26	16 - 1920	634	1000	450
INORG	Lead	404-B01	Major Amendment 3	34	37 - 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	4.0 - 2360	578	1000	450
INORG	Lead	404-MA3-1-01	Major Amendment 3	19	15 - 2090	186	1000	450
INORG	Lead	404-MA3-1-02	Major Amendment 3	7	78 - 1100	338	1000	450
INORG	Lead	404-MA3-1-03	Major Amendment 3	1	316 - 316	316	1000	450
INORG	Lead	404-MA3-1-05	Major Amendment 3	70	22 - 4440	702	1000	450
INORG	Lead	404-MA3-1-06	Major Amendment 3	11	120 - 2460	700	1000	450
VOC	Benzene	201-A01	Phase 1A	7	0.0025 - 57	10	280	0.50
VOC	Benzene	201-A02	Phase 1A	14	0.011 - 140	15	280	0.50
VOC	Benzene	201-A03	Phase 1A	7	0.00049 - 200	52	280	0.50
VOC	Benzene	201-A04	Phase 1A	32	0.00031 - 340	42	280	0.50
VOC	Benzene	201-A05	Phase 1A	9	5.2 - 29	8.8	280	0.50
VOC	Benzene	201-A06	Phase 1A	10	0.00018 - 1.4	0.37	280	0.50
VOC	Benzene	201-A07	Phase 1A	12	0.10 - 130	32	280	0.50
VOC	Benzene	201-A08	Phase 1A	7	0.00029 - 23	4.6	280	0.50
VOC	Benzene	201-A09	Phase 1A	8	0.37 - 76	24	280	0.50
VOC	Benzene	201-A10	Phase 1A	8	U (0.047) - 0.80	0.11	280	0.50
VOC	Benzene	201-A11	Phase 1A	8	0.00018 - 11	1.5	280	0.50
VOC	Benzene	201-A12	Phase 1A	16	0.00054 - 7.2	0.74	280	0.50
VOC	Benzene	201-A13	Phase 1A	19	0.00020 - 73	11	280	0.50
VOC	Benzene	201-A14	Phase 1A	21	U (0.27) - 1.4	0.19	280	0.50
VOC	Benzene	201-A15	Phase 1A	8	U (0.21) - 0.10	0.052	280	0.50
VOC	Benzene	201-B01	Phase 1A	4	0.032 - 2.6	0.84	280	0.50
VOC	Benzene	201-B02	Phase 1A	10	0.00074 - 35	7.9	280	0.50
VOC	Benzene	201-B03	Phase 1A	1	0.10 - 0.10	0.10	280	0.50
VOC	Benzene	201-B04	Phase 1A	11	0.0014 - 1.1	0.17	280	0.50
VOC	Benzene	201-B05	Phase 1A	3	0.021 - 0.32	0.14	280	0.50
VOC	Benzene	201-B06	Phase 1A	1	U (0.064)	0.032	280	0.50
VOC	Benzene	201-B07	Phase 1A	21	U (0.29) - 0.047	0.039	280	0.50
VOC	Benzene	201-B08	Phase 1A	10	U (0.036) - 0.14	0.029	280	0.50
VOC	Benzene	201-B09	Phase 1A	10	0.00019 - 1.7	0.20	280	0.50
VOC	Benzene	201-B10	Phase 1A	8	0.0049 - 0.014	0.058	280	0.50
VOC	Benzene	201-B11	Phase 1A	33	U (0.11) - 5.0	0.28	280	0.50
VOC	Benzene	201-B12	Phase 1A	18	0.00033 - 0.78	0.096	280	0.50
VOC	Benzene	201-C01	Phase 1A	15	U (0.74) - 4.1	0.74	280	0.50
VOC	Benzene	201-C02	Phase 1A	2	0.00070 - 0.023	0.012	280	0.50
VOC	Benzene	201-C04	Phase 1A	14	0.0065 - 2.1	0.29	280	0.50
VOC	Benzene	201-C05	Phase 1A	3	U (0.47) - 0.054	0.14	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-C06	Phase 1A	14	U (0.065) - 1.4	0.33	280	0.50
VOC	Benzene	201-C07	Phase 1A	11	U (0.64) - 1.4	0.40	280	0.50
VOC	Benzene	201-C08	Phase 1A	20	0.00028 - 0.96	0.15	280	0.50
VOC	Benzene	201-C09	Phase 1A	7	U (0.023)	0.0019	280	0.50
VOC	Benzene	201-C10	Phase 1A	4	U (0.23) - 0.32	0.082	280	0.50
VOC	Benzene	201-C11	Phase 1A	1	0.20 - 0.20	0.20	280	0.50
VOC	Benzene	201-D01	Phase 1A	4	U (0.0061)	0.0023	280	0.50
VOC	Benzene	201-D05	Phase 1A	8	0.00028 - 5.8	1.2	280	0.50
VOC	Benzene	201-D08	Phase 1A	1	U (0.00057)	0.00029	280	0.50
VOC	Benzene	201-D12	Phase 1A	3	U (0.00057) - 0.00050	0.00041	280	0.50
VOC	Benzene	201-E01	Phase 1A	74	U (5.0) - 230	5.1	280	0.50
VOC	Benzene	201-E02	Phase 1A	1	U (0.00051)	0.00026	280	0.50
VOC	Benzene	201-E03	Phase 1A	3	U (0.0045) - 0.0024	0.0021	280	0.50
VOC	Benzene	201-E04	Phase 1A	5	U (1.0) - 0.66	0.23	280	0.50
VOC	Benzene	201-E05	Phase 1A	28	0.0015 - 320	17	280	0.50
VOC	Benzene	201-F01	Phase 1A	51	U (0.35) - 0.93	0.048	280	0.50
VOC	Benzene	201-F02	Phase 1A	8	0.0031 - 1.8	0.26	280	0.50
VOC	Benzene	201-F03	Phase 1A	38	U (3.3) - 15	0.77	280	0.50
VOC	Benzene	201-F04	Phase 1A	24	U (0.37) - 1.1	0.11	280	0.50
VOC	Benzene	202-A03	Phase 1A	8	U (0.095) - 0.00032	0.0093	280	0.50
VOC	Benzene	202-A04	Phase 1A	4	0.053 - 0.053	0.13	280	0.50
VOC	Benzene	202-A05	Phase 1A	4	U (0.00055)	0.00027	280	0.50
VOC	Benzene	202-A06	Phase 1A	4	0.00037 - 0.00037	0.00027	280	0.50
VOC	Benzene	202-A07	Phase 1A	3	U (0.00057)	0.00026	280	0.50
VOC	Benzene	202-A08	Phase 1A	3	0.00026 - 0.00030	0.00029	280	0.50
VOC	Benzene	202-A09	Phase 1A	6	U (0.00056) - 0.00041	0.00028	280	0.50
VOC	Benzene	202-B01	Phase 1A	2	U (0.0012) - 0.0094	0.0049	280	0.50
VOC	Benzene	202-B02	Phase 1A	18	U (0.31) - 0.17	0.060	280	0.50
VOC	Benzene	202-B03	Phase 1A	15	U (0.052)	0.0037	280	0.50
VOC	Benzene	202-B04	Phase 1A	3	U (0.00053)	0.00024	280	0.50
VOC	Benzene	202-B05	Phase 1A	4	U (0.028)	0.013	280	0.50
VOC	Benzene	202-B09	Phase 1A	9	U (0.032) - 0.00045	0.0020	280	0.50
VOC	Benzene	202-C04	Phase 1A	15	U (0.31) - 0.0046	0.028	280	0.50
VOC	Benzene	202-C05	Phase 1A	20	U (0.33) - 2.9	0.29	280	0.50
VOC	Benzene	202-C06	Phase 1A	4	U (0.027) - 0.011	0.0063	280	0.50
VOC	Benzene	202-C07	Phase 1A	8	U (0.32) - 0.018	0.049	280	0.50
VOC	Benzene	202-C08	Phase 1A	4	0.14 - 0.42	0.20	280	0.50
VOC	Benzene	202-C10	Phase 1A	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	202-D05	Phase 1A	5	U (0.26) - 36	7.2	280	0.50
VOC	Benzene	202-D06	Phase 1A	11	U (0.029) - 8.0	1.2	280	0.50
VOC	Benzene	202-E06	Phase 1A	2	0.00030 - 0.00030	0.00035	280	0.50
VOC	Benzene	202-E08	Phase 1A	13	0.00036 - 7.1	0.56	280	0.50
VOC	Benzene	202-E09	Phase 1A	16	U (0.095) - 2.6	0.30	280	0.50
VOC	Benzene	202-E10	Phase 1A	6	U (0.11) - 0.00030	0.019	280	0.50
VOC	Benzene	202-E11	Phase 1A	2	U (0.10) - 0.11	0.080	280	0.50
VOC	Benzene	202-E12	Phase 1A	4	U (0.092)	0.016	280	0.50
VOC	Benzene	202-E13	Phase 1A	2	0.11 - 0.16	0.14	280	0.50
VOC	Benzene	202-E15	Phase 1A	2	0.065 - 0.19	0.13	280	0.50
VOC	Benzene	202-F01	Phase 1A	7	0.13 - 20	3.0	280	0.50
VOC	Benzene	202-F04	Phase 1A	11	U (0.034) - 0.14	0.018	280	0.50
VOC	Benzene	202-F05	Phase 1A	2	U (0.030)	0.0076	280	0.50
VOC	Benzene	202-F06	Phase 1A	2	0.055 - 0.055	0.050	280	0.50
VOC	Benzene	202-F07	Phase 1A	17	0.00052 - 1.8	0.32	280	0.50
VOC	Benzene	202-F08	Phase 1A	5	U (0.028) - 0.0010	0.0058	280	0.50
VOC	Benzene	202-F10	Phase 1A	2	U (0.027) - 0.010	0.0052	280	0.50
VOC	Benzene	202-F13	Phase 1A	1	0.00090 - 0.00090	0.00090	280	0.50
VOC	Benzene	202-F14	Phase 1A	2	U (0.0011)	0.00050	280	0.50
VOC	Benzene	202-F16	Phase 1A	4	U (0.096)	0.017	280	0.50
VOC	Benzene	202-F17	Phase 1A	8	U (0.0011)	0.00035	280	0.50
VOC	Benzene	202-G01	Phase 1A	8	U (0.00058)	0.00025	280	0.50
VOC	Benzene	202-G02	Phase 1A	14	U (0.034)	0.0024	280	0.50
VOC	Benzene	202-G03	Phase 1A	9	U (0.00077)	0.00026	280	0.50
VOC	Benzene	202-G04	Phase 1A	3	U (0.031) - 2.6	0.89	280	0.50
VOC	Benzene	202-G05	Phase 1A	6	U (0.096) - 0.55	0.18	280	0.50
VOC	Benzene	202-G07	Phase 1A	16	U (0.038) - 0.00025	0.0015	280	0.50
VOC	Benzene	202-H01	Phase 1A	2	U (0.21) - 4.7	2.4	280	0.50
VOC	Benzene	202-H03	Phase 1A	11	0.0030 - 22	3.4	280	0.50
VOC	Benzene	202-H05	Phase 1A	8	U (0.31) - 4.7	1.5	280	0.50
VOC	Benzene	202-H06	Phase 1A	2	U (0.0013)	0.00058	280	0.50
VOC	Benzene	202-H07	Phase 1A	2	U (0.0011)	0.00053	280	0.50
VOC	Benzene	202-H08	Phase 1A	3	U (0.00097)	0.00036	280	0.50
VOC	Benzene	202-H09	Phase 1A	4	U (0.0039)	0.00072	280	0.50
VOC	Benzene	202-H11	Phase 1A	10	U (0.036) - 0.068	0.0086	280	0.50
VOC	Benzene	202-I01	Phase 1A	2	U (0.00053)	0.00025	280	0.50
VOC	Benzene	202-I04	Phase 1A	4	U (0.00089)	0.00036	280	0.50
VOC	Benzene	202-J01	Phase 1A	6	U (0.030) - 0.013	0.0024	280	0.50
VOC	Benzene	202-J02	Phase 1A	5	U (0.031) - 0.098	0.020	280	0.50
VOC	Benzene	202-J03	Phase 1A	11	0.0027 - 2.1	0.55	280	0.50
VOC	Benzene	202-J04	Phase 1A	8	0.00031 - 4.6	1.5	280	0.50
VOC	Benzene	202-J05	Phase 1A	6	U (0.0021)	0.0010	280	0.50
VOC	Benzene	202-J07	Phase 1A	11	0.00030 - 8.2	1.2	280	0.50
VOC	Benzene	202-J08	Phase 1A	1	U (0.0020)	0.0010	280	0.50
VOC	Benzene	202-J09	Phase 1A	2	0.14 - 0.14	0.30	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AA01	Phase 1A	1	0.0032 - 0.0032	0.0032	280	0.50
VOC	Benzene	301-AA06	Phase 1A	11	U (0.17)	0.013	280	0.50
VOC	Benzene	301-AA07	Phase 1A	4	U (0.0012) - 0.12	0.029	280	0.50
VOC	Benzene	301-AA08	Phase 1A	3	U (0.28)	0.086	280	0.50
VOC	Benzene	301-AA09	Phase 1A	3	U (0.48)	0.17	280	0.50
VOC	Benzene	301-AB04	Phase 1A	3	U (0.090)	0.015	280	0.50
VOC	Benzene	301-AB06	Phase 1A	2	U (0.00096)	0.00047	280	0.50
VOC	Benzene	301-AB07	Phase 1A	1	0.052 - 0.052	0.052	280	0.50
VOC	Benzene	301-AB09	Phase 1A	2	U (0.0059) - 0.0074	0.0049	280	0.50
VOC	Benzene	301-AC04	Phase 1A	25	U (0.39) - 2.4	0.14	280	0.50
VOC	Benzene	301-AC07	Phase 1A	10	0.00022 - 0.26	0.048	280	0.50
VOC	Benzene	301-AC08	Phase 1A	7	0.00050 - 0.56	0.088	280	0.50
VOC	Benzene	301-AC09	Phase 1A	6	U (0.0010) - 0.0020	0.00054	280	0.50
VOC	Benzene	301-B01	Phase 1A	1	0.0012 - 0.0012	0.0012	280	0.50
VOC	Benzene	301-C01	Phase 1A	3	0.14 - 37	12	280	0.50
VOC	Benzene	301-C02	Phase 1A	9	0.016 - 6.6	0.92	280	0.50
VOC	Benzene	301-D01	Phase 1A	32	0.00072 - 69	10	280	0.50
VOC	Benzene	301-E02	Phase 1A	32	0.0015 - 74	8.1	280	0.50
VOC	Benzene	301-E03	Phase 1A	5	U (0.31) - 0.060	0.021	280	0.50
VOC	Benzene	301-F02	Phase 1A	8	U (0.52) - 18	2.9	280	0.50
VOC	Benzene	301-G01	Phase 1A	2	U (0.24) - 1.8	0.91	280	0.50
VOC	Benzene	301-G02	Phase 1A	3	0.014 - 0.51	0.24	280	0.50
VOC	Benzene	301-G03	Phase 1A	1	1.1 - 1.1	1.1	280	0.50
VOC	Benzene	301-H01	Phase 1A	20	0.00040 - 46	6.4	280	0.50
VOC	Benzene	301-H02	Phase 1A	4	0.0030 - 0.055	0.018	280	0.50
VOC	Benzene	301-H03	Phase 1A	2	0.047 - 3.6	1.8	280	0.50
VOC	Benzene	301-I01	Phase 1A	9	U (0.27) - 18	2.0	280	0.50
VOC	Benzene	301-I02	Phase 1A	1	U (0.032)	0.016	280	0.50
VOC	Benzene	301-J01	Phase 1A	4	0.0040 - 0.31	0.091	280	0.50
VOC	Benzene	301-J02	Phase 1A	8	U (0.15) - 2.5	0.81	280	0.50
VOC	Benzene	301-K01	Phase 1A	9	0.016 - 0.39	0.095	280	0.50
VOC	Benzene	301-K02	Phase 1A	3	0.54 - 0.89	0.71	280	0.50
VOC	Benzene	301-L02	Phase 1A	8	0.0011 - 180	25	280	0.50
VOC	Benzene	301-L03	Phase 1A	5	U (0.065) - 0.43	0.10	280	0.50
VOC	Benzene	301-M02	Phase 1A	5	U (0.055) - 0.59	0.13	280	0.50
VOC	Benzene	301-M03	Phase 1A	3	U (0.056) - 0.12	0.050	280	0.50
VOC	Benzene	301-N02	Phase 1A	3	U (0.22) - 0.22	0.12	280	0.50
VOC	Benzene	301-P02	Phase 1A	2	5.1 - 12	8.4	280	0.50
VOC	Benzene	301-Q04	Phase 1A	6	0.00046 - 0.023	0.026	280	0.50
VOC	Benzene	301-R02	Phase 1A	6	U (0.26)	0.024	280	0.50
VOC	Benzene	301-S02	Phase 1A	4	U (0.0054)	0.0025	280	0.50
VOC	Benzene	301-S03	Phase 1A	1	0.25 - 0.25	0.25	280	0.50
VOC	Benzene	301-T04	Phase 1A	2	U (0.30)	0.076	280	0.50
VOC	Benzene	301-V04	Phase 1A	30	U (1.3) - 2.6	0.15	280	0.50
VOC	Benzene	301-W03	Phase 1A	4	U (0.27)	0.098	280	0.50
VOC	Benzene	301-X03	Phase 1A	3	U (0.25)	0.079	280	0.50
VOC	Benzene	301-Y03	Phase 1A	2	0.0033 - 7.2	3.6	280	0.50
VOC	Benzene	301-Y04	Phase 1A	3	U (0.28)	0.092	280	0.50
VOC	Benzene	301-Y05	Phase 1A	6	U (1.2) - 0.042	0.14	280	0.50
VOC	Benzene	301-Z04	Phase 1A	14	0.017 - 0.30	0.11	280	0.50
VOC	Benzene	302-AD08	Phase 1A	2	U (0.00060)	0.00029	280	0.50
VOC	Benzene	302-AD09	Phase 1A	3	U (0.0011) - 0.00041	0.00047	280	0.50
VOC	Benzene	302-AD10	Phase 1A	4	0.00020 - 8.5	3.4	280	0.50
VOC	Benzene	302-AE09	Phase 1A	4	U (0.00047)	0.00023	280	0.50
VOC	Benzene	302-AF06	Phase 1A	9	U (0.15) - 4.4	0.49	280	0.50
VOC	Benzene	302-AG07	Phase 1A	14	U (0.029) - 0.0067	0.0074	280	0.50
VOC	Benzene	302-AJ09	Phase 1A	13	0.027 - 0.34	0.12	280	0.50
VOC	Benzene	302-AK06	Phase 1A	3	U (0.27)	0.093	280	0.50
VOC	Benzene	302-AL06	Phase 1A	13	0.087 - 0.14	0.11	280	0.50
VOC	Benzene	302-AN02	Phase 1A	2	U (0.0012) - 0.0023	0.0014	280	0.50
VOC	Benzene	302-AO03	Phase 1A	2	U (0.0013)	0.00060	280	0.50
VOC	Benzene	302-AQ02	Phase 1A	9	U (0.12) - 0.16	0.039	280	0.50
VOC	Benzene	302-AR02	Phase 1A	4	U (0.00063)	0.00027	280	0.50
VOC	Benzene	302-AS03	Phase 1A	13	U (0.11)	0.0067	280	0.50
VOC	Benzene	302-AV01	Phase 1A	12	U (0.64) - 30	2.7	280	0.50
VOC	Benzene	302-AV03	Phase 1A	6	U (0.028) - 0.0011	0.0027	280	0.50
VOC	Benzene	302-AW01	Phase 1A	12	U (4.9) - 84	12	280	0.50
VOC	Benzene	302-AW03	Phase 1A	2	U (0.00048)	0.00023	280	0.50
VOC	Benzene	302-AX01	Phase 1A	14	U (1.1) - 60	5.0	280	0.50
VOC	Benzene	302-AX05	Phase 1A	2	U (0.0013)	0.00060	280	0.50
VOC	Benzene	302-AZ05	Phase 1A	4	U (0.0050)	0.00086	280	0.50
VOC	Benzene	302-BA05	Phase 1A	2	0.0014 - 0.90	0.45	280	0.50
VOC	Benzene	302-BB06	Phase 1A	5	U (0.030)	0.0061	280	0.50
VOC	Benzene	302-BC05	Phase 1A	19	U (0.034) - 0.024	0.0027	280	0.50
VOC	Benzene	302-BD05	Phase 1A	4	U (0.00054)	0.00027	280	0.50
VOC	Benzene	302-BE04	Phase 1A	5	U (0.0060)	0.0013	280	0.50
VOC	Benzene	303-AY01	Phase 1A	4	0.00037 - 0.00080	0.00053	280	0.50
VOC	Benzene	303-AZ01	Phase 1A	5	0.00090 - 1.4	0.63	280	0.50
VOC	Benzene	303-BA01	Phase 1A	8	0.00025 - 0.0047	0.0011	280	0.50
VOC	Benzene	303-BA02	Phase 1A	14	U (1.1) - 1.2	0.25	280	0.50
VOC	Benzene	303-BB01	Phase 1A	2	U (0.0050)	0.0023	280	0.50
VOC	Benzene	303-BB02	Phase 1A	5	U (0.64) - 0.079	0.016	280	0.50
VOC	Benzene	303-BC01	Phase 1A	4	U (0.00055)	0.00026	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	303-BD04	Phase 1A	13	U (1.5) - 8.6	1.1	280	0.50
VOC	Benzene	303-BE03	Phase 1A	48	0.029 - 3.3	0.44	280	0.50
VOC	Benzene	303-BF05	Phase 1A	20	0.00017 - 5.2	0.44	280	0.50
VOC	Benzene	303-BG04	Phase 1A	28	U (2.1) - 12	0.85	280	0.50
VOC	Benzene	303-BH02	Phase 1A	25	U (0.11) - 7.9	0.44	280	0.50
VOC	Benzene	303-BI03	Phase 1A	6	U (0.00093) - 0.0057	0.0013	280	0.50
VOC	Benzene	303-BJ01	Phase 1A	3	U (0.068) - 0.00040	0.016	280	0.50
VOC	Benzene	303-BJ02	Phase 1A	3	U (0.0013)	0.00051	280	0.50
VOC	Benzene	303-BK03	Phase 1A	7	U (0.38) - 0.11	0.049	280	0.50
VOC	Benzene	303-BL02	Phase 1A	13	0.00024 - 28	2.2	280	0.50
VOC	Benzene	303-BM02	Phase 1A	2	U (0.0050)	0.0015	280	0.50
VOC	Benzene	303-BN02	Phase 1A	15	U (0.25) - 0.53	0.070	280	0.50
VOC	Benzene	303-BN03	Phase 1A	14	0.00028 - 0.14	0.032	280	0.50
VOC	Benzene	303-BO02	Phase 1A	35	0.0035 - 5900	228	280	0.50
VOC	Benzene	303-BP02	Phase 1A	63	0.00076 - 7800	551	280	0.50
VOC	Benzene	303-BQ01	Phase 1A	4	U (0.42) - 0.0020	0.069	280	0.50
VOC	Benzene	303-BQ02	Phase 1A	25	0.0030 - 12000	844	280	0.50
VOC	Benzene	303-BR02	Phase 1A	8	0.00056 - 2.3	0.38	280	0.50
VOC	Benzene	303-BT01	Phase 1A	13	0.000070 - 0.071	0.12	280	0.50
VOC	Benzene	303-BW01	Phase 1A	2	0.12 - 0.12	0.15	280	0.50
VOC	Cumene	201-A01	Phase 1A	7	0.0019 - 14	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	0.00050 - 12	1.7	10000	2500
VOC	Cumene	201-A12	Phase 1A	16	0.00035 - 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	0.030 - 2.0	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 - 6.0	1.1	10000	2500
VOC	Cumene	201-B10	Phase 1A	8	U (0.30) - 0.29	0.092	10000	2500
VOC	Cumene	201-B11	Phase 1A	31	0.00022 - 9.0	0.74	10000	2500
VOC	Cumene	201-B12	Phase 1A	18	0.0010 - 3.2	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	0.0050 - 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
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 (0.23) - 4.3	1.1	10000	2500
VOC	Cumene	201-C11	Phase 1A	1	3.0 - 3.0	3.0	10000	2500
VOC	Cumene	201-D01	Phase 1A	4	U (0.0061) - 0.11	0.033	10000	2500
VOC	Cumene	201-D05	Phase 1A	8	12 - 18	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 (0.0010)	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 (1.0) - 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	0.00010 - 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 (0.0010)	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 - 0.00020	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 (0.10) - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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 (0.0050)	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	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) - 0.060	0.030	10000	2500
VOC	Cumene	202-F13	Phase 1A	1	U (0.0060)	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	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	0.13	10000	2500
VOC	Cumene	202-I01	Phase 1A	2	U (0.0010)	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 - 6.0	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
VOC	Cumene	301-AA06	Phase 1A	11	U (0.33) - 12	1.9	10000	2500
VOC	Cumene	301-AA07	Phase 1A	4	0.0016 - 0.11	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-AB06	Phase 1A	2	0.016 - 0.016	0.0085	10000	2500
VOC	Cumene	301-AB07	Phase 1A	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	301-AB09	Phase 1A	2	U (0.0059) - 0.11	0.057	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) - 0.0070	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 (0.30) - 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	0.0020 - 2.2	0.97	10000	2500
VOC	Cumene	301-G03	Phase 1A	1	10 - 10	10	10000	2500
VOC	Cumene	301-H01	Phase 1A	20	0.0030 - 13	2.4	10000	2500
VOC	Cumene	301-H02	Phase 1A	3	0.0030 - 0.020	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-L02	Phase 1A	8	0.00014 - 20	3.1	10000	2500
VOC	Cumene	301-L03	Phase 1A	5	0.00020 - 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 - 4.0	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	1.3 - 1.5	1.4	10000	2500
VOC	Cumene	301-Q04	Phase 1A	6	U (0.23) - 1.1	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-T04	Phase 1A	2	U (0.30)	0.076	10000	2500
VOC	Cumene	301-V04	Phase 1A	30	U (1.3) - 3.8	0.36	10000	2500
VOC	Cumene	301-W03	Phase 1A	4	U (0.27) - 1.4	0.44	10000	2500
VOC	Cumene	301-X03	Phase 1A	3	U (0.25)	0.079	10000	2500
VOC	Cumene	301-Y03	Phase 1A	2	2.8 - 2.8	1.4	10000	2500
VOC	Cumene	301-Y04	Phase 1A	3	U (0.28) - 0.82	0.32	10000	2500
VOC	Cumene	301-Y05	Phase 1A	6	0.0020 - 5.2	2.1	10000	2500
VOC	Cumene	301-Z04	Phase 1A	14	0.79 - 27	4.5	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-AE09	Phase 1A	4	U (0.00095)	0.00046	10000	2500
VOC	Cumene	302-AF06	Phase 1A	9	U (0.30) - 15	1.7	10000	2500
VOC	Cumene	302-AG07	Phase 1A	14	U (0.057) - 1.4	0.11	10000	2500
VOC	Cumene	302-AJ09	Phase 1A	2	U (0.054)	0.027	10000	2500
VOC	Cumene	302-AK06	Phase 1A	1	U (0.057)	0.029	10000	2500
VOC	Cumene	302-AL06	Phase 1A	2	U (0.052)	0.025	10000	2500
VOC	Cumene	302-AN02	Phase 1A	2	U (0.012)	0.0057	10000	2500
VOC	Cumene	302-AO03	Phase 1A	2	U (0.013)	0.0060	10000	2500
VOC	Cumene	302-AQ02	Phase 1A	9	U (0.25) - 3.2	0.86	10000	2500
VOC	Cumene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	10000	2500
VOC	Cumene	302-AS03	Phase 1A	13	U (0.53) - 0.95	0.12	10000	2500
VOC	Cumene	302-AV01	Phase 1A	6	U (0.0080) - 0.0017	0.0022	10000	2500
VOC	Cumene	302-AV03	Phase 1A	6	0.00019 - 1.4	0.23	10000	2500
VOC	Cumene	302-AW01	Phase 1A	9	U (1.9) - 0.28	0.20	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-AX05	Phase 1A	2	U (0.013)	0.0060	10000	2500
VOC	Cumene	302-AZ05	Phase 1A	3	U (0.0050) - 0.00013	0.0011	10000	2500
VOC	Cumene	302-BA05	Phase 1A	2	0.014 - 5.2	2.6	10000	2500
VOC	Cumene	302-BB06	Phase 1A	5	U (0.060) - 0.16	0.038	10000	2500
VOC	Cumene	302-BC05	Phase 1A	19	U (0.067) - 0.38	0.023	10000	2500
VOC	Cumene	302-BD05	Phase 1A	4	U (0.0011)	0.00053	10000	2500
VOC	Cumene	302-BE04	Phase 1A	5	U (0.0060)	0.0014	10000	2500
VOC	Cumene	303-AY01	Phase 1A	4	U (0.0050)	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) - 0.050	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 (0.0050)	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 - 0.80	0.077	10000	2500
VOC	Cumene	303-BM02	Phase 1A	2	U (0.0050)	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	0.0010 - 7.2	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	0.0030 - 1.2	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	0.38 - 2.2	1.3	10000	2500
VOC	Ethyl Benzene	201-A01	Phase 1A	7	0.0080 - 52	17	880	70
VOC	Ethyl Benzene	201-A02	Phase 1A	14	0.020 - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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	0.030 - 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	0.60 - 0.60	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	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	U (0.47) - 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 (0.23) - 7.1	1.8	880	70
VOC	Ethyl Benzene	201-C11	Phase 1A	1	2.8 - 2.8	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	0.00033 - 8.0	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 (0.0010)	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 (0.0010)	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	0.00095	880	70
VOC	Ethyl Benzene	202-B02	Phase 1A	18	U (0.31) - 1.0	0.099	880	70
VOC	Ethyl Benzene	202-B03	Phase 1A	15	U (0.10) - 0.067	0.0084	880	70
VOC	Ethyl Benzene	202-B04	Phase 1A	3	U (0.0010)	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
VOC	Ethyl Benzene	202-C04	Phase 1A	15	U (0.31) - 0.0010	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 (0.50) - 0.30	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 (0.0050)	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 (0.0060)	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 (0.0010)	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	0.00030 - 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-AA06	Phase 1A	11	U (0.33) - 0.25	0.046	880	70
VOC	Ethyl Benzene	301-AA07	Phase 1A	4	U (0.27) - 9.4	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 (0.090)	0.015	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 (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	301-AB09	Phase 1A	2	U (0.0059)	0.0026	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	0.070 - 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 (0.30) - 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) - 0.0070	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
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	0.71	880	70
VOC	Ethyl Benzene	301-L02	Phase 1A	8	0.069 - 160	23	880	70
VOC	Ethyl Benzene	301-L03	Phase 1A	5	0.00020 - 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	1.6 - 2.3	1.9	880	70
VOC	Ethyl Benzene	301-Q04	Phase 1A	6	U (0.23)	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-T04	Phase 1A	2	U (0.30)	0.076	880	70
VOC	Ethyl Benzene	301-V04	Phase 1A	30	U (1.3) - 14	0.71	880	70
VOC	Ethyl Benzene	301-W03	Phase 1A	4	U (0.27)	0.10	880	70
VOC	Ethyl Benzene	301-X03	Phase 1A	3	U (0.25)	0.079	880	70
VOC	Ethyl Benzene	301-Y03	Phase 1A	2	0.0012 - 15	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-Z04	Phase 1A	14	0.031 - 13	2.6	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-AE09	Phase 1A	4	U (0.00095)	0.00046	880	70
VOC	Ethyl Benzene	302-AF06	Phase 1A	9	U (0.30) - 66	7.3	880	70
VOC	Ethyl Benzene	302-AG07	Phase 1A	14	U (0.057) - 0.00071	0.013	880	70
VOC	Ethyl Benzene	302-AJ09	Phase 1A	2	U (0.054)	0.027	880	70
VOC	Ethyl Benzene	302-AK06	Phase 1A	1	U (0.057)	0.029	880	70
VOC	Ethyl Benzene	302-AL06	Phase 1A	2	U (0.052)	0.025	880	70
VOC	Ethyl Benzene	302-AN02	Phase 1A	2	U (0.0012)	0.00057	880	70
VOC	Ethyl Benzene	302-AO03	Phase 1A	2	U (0.0013)	0.00060	880	70
VOC	Ethyl Benzene	302-AQ02	Phase 1A	9	U (0.25) - 5.4	0.67	880	70
VOC	Ethyl Benzene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	880	70
VOC	Ethyl Benzene	302-AS03	Phase 1A	13	U (0.11)	0.0069	880	70

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AV01	Phase 1A	12	0.00029 - 27	2.5	880	70
VOC	Ethyl Benzene	302-AV03	Phase 1A	6	U (0.056) - 0.72	0.12	880	70
VOC	Ethyl Benzene	302-AW01	Phase 1A	12	U (6.0) - 4.1	0.98	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-AX05	Phase 1A	2	U (0.0013)	0.00060	880	70
VOC	Ethyl Benzene	302-AZ05	Phase 1A	3	U (0.0050)	0.0013	880	70
VOC	Ethyl Benzene	302-BA05	Phase 1A	2	0.022 - 11	5.6	880	70
VOC	Ethyl Benzene	302-BB06	Phase 1A	5	U (0.060) - 0.016	0.0094	880	70
VOC	Ethyl Benzene	302-BC05	Phase 1A	19	U (0.067) - 0.12	0.0082	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 (0.0060)	0.0014	880	70
VOC	Ethyl Benzene	303-AY01	Phase 1A	4	U (0.0050) - 0.00021	0.0012	880	70
VOC	Ethyl Benzene	303-AZ01	Phase 1A	5	U (5.2) - 2.0	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 (0.0050)	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	0.00060 - 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	0.00030 - 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	0.00040 - 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) - 0.40	0.063	880	70
VOC	Ethyl Benzene	303-BO02	Phase 1A	17	0.00061 - 0.14	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	0.026 - 0.30	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	0.068 - 0.068	0.13	880	70
VOC	Methyl tert-butyl ether	201-A01	Phase 1A	7	U (2.6) - 68	11	8500	2.0
VOC	Methyl tert-butyl ether	201-A02	Phase 1A	14	0.00037 - 6.8	2.6	8500	2.0
VOC	Methyl tert-butyl ether	201-A03	Phase 1A	7	0.00064 - 16	6.2	8500	2.0
VOC	Methyl tert-butyl ether	201-A04	Phase 1A	31	0.00027 - 21	3.1	8500	2.0
VOC	Methyl tert-butyl ether	201-A05	Phase 1A	9	U (2.3) - 3.0	0.64	8500	2.0
VOC	Methyl tert-butyl ether	201-A06	Phase 1A	10	U (0.47) - 0.76	0.12	8500	2.0
VOC	Methyl tert-butyl ether	201-A07	Phase 1A	12	0.015 - 22	3.4	8500	2.0
VOC	Methyl tert-butyl ether	201-A08	Phase 1A	7	0.014 - 0.020	0.059	8500	2.0
VOC	Methyl tert-butyl ether	201-A09	Phase 1A	8	U (3.6) - 12	2.0	8500	2.0
VOC	Methyl tert-butyl ether	201-A10	Phase 1A	8	U (0.19) - 0.012	0.023	8500	2.0
VOC	Methyl tert-butyl ether	201-A11	Phase 1A	8	U (7.0) - 0.0018	0.46	8500	2.0
VOC	Methyl tert-butyl ether	201-A12	Phase 1A	16	0.00044 - 0.11	0.044	8500	2.0
VOC	Methyl tert-butyl ether	201-A13	Phase 1A	17	U (3.1) - 1.0	0.23	8500	2.0
VOC	Methyl tert-butyl ether	201-A14	Phase 1A	21	U (0.27) - 0.0047	0.060	8500	2.0
VOC	Methyl tert-butyl ether	201-A15	Phase 1A	8	U (0.84) - 0.019	0.12	8500	2.0
VOC	Methyl tert-butyl ether	201-B01	Phase 1A	4	U (0.17) - 0.066	0.070	8500	2.0
VOC	Methyl tert-butyl ether	201-B02	Phase 1A	10	U (3.4) - 0.59	0.44	8500	2.0
VOC	Methyl tert-butyl ether	201-B03	Phase 1A	1	U (0.14)	0.070	8500	2.0
VOC	Methyl tert-butyl ether	201-B04	Phase 1A	11	0.00040 - 0.42	0.14	8500	2.0
VOC	Methyl tert-butyl ether	201-B05	Phase 1A	3	U (0.15)	0.067	8500	2.0
VOC	Methyl tert-butyl ether	201-B06	Phase 1A	1	U (0.26)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	201-B07	Phase 1A	14	U (0.67)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	201-B08	Phase 1A	10	U (0.13) - 0.0088	0.012	8500	2.0
VOC	Methyl tert-butyl ether	201-B09	Phase 1A	10	U (1.1) - 0.92	0.13	8500	2.0
VOC	Methyl tert-butyl ether	201-B11	Phase 1A	31	0.00024 - 0.030	0.025	8500	2.0
VOC	Methyl tert-butyl ether	201-B12	Phase 1A	18	0.00026 - 0.0088	0.058	8500	2.0
VOC	Methyl tert-butyl ether	201-C01	Phase 1A	15	U (3.0) - 0.048	0.19	8500	2.0
VOC	Methyl tert-butyl ether	201-C02	Phase 1A	2	U (0.0022)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	201-C04	Phase 1A	14	U (0.52)	0.064	8500	2.0
VOC	Methyl tert-butyl ether	201-C05	Phase 1A	3	U (0.47) - 0.0042	0.12	8500	2.0
VOC	Methyl tert-butyl ether	201-C06	Phase 1A	14	U (0.26)	0.038	8500	2.0
VOC	Methyl tert-butyl ether	201-C07	Phase 1A	11	U (0.79)	0.17	8500	2.0
VOC	Methyl tert-butyl ether	201-C08	Phase 1A	19	0.0083 - 0.019	0.27	8500	2.0
VOC	Methyl tert-butyl ether	201-C09	Phase 1A	7	U (0.093)	0.0076	8500	2.0
VOC	Methyl tert-butyl ether	201-C10	Phase 1A	4	U (0.23)	0.029	8500	2.0
VOC	Methyl tert-butyl ether	201-C11	Phase 1A	1	U (0.092)	0.046	8500	2.0
VOC	Methyl tert-butyl ether	201-D01	Phase 1A	4	U (0.0061)	0.0023	8500	2.0
VOC	Methyl tert-butyl ether	201-D05	Phase 1A	8	U (3.5)	0.24	8500	2.0
VOC	Methyl tert-butyl ether	201-D08	Phase 1A	1	U (0.0011)	0.00055	8500	2.0
VOC	Methyl tert-butyl ether	201-D12	Phase 1A	3	U (0.0023)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	201-E01	Phase 1A	65	U (0.91) - 0.21	0.071	8500	2.0
VOC	Methyl tert-butyl ether	201-E02	Phase 1A	1	U (0.0020)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	201-E03	Phase 1A	3	U (0.0045)	0.0019	8500	2.0
VOC	Methyl tert-butyl ether	201-E04	Phase 1A	3	U (0.0019)	0.00073	8500	2.0

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-E05	Phase 1A	26	U (1.3) - 0.00032	0.080	8500	2.0
VOC	Methyl tert-butyl ether	201-F01	Phase 1A	51	U (0.45)	0.037	8500	2.0
VOC	Methyl tert-butyl ether	201-F02	Phase 1A	7	U (0.22)	0.027	8500	2.0
VOC	Methyl tert-butyl ether	201-F03	Phase 1A	31	U (3.3)	0.15	8500	2.0
VOC	Methyl tert-butyl ether	201-F04	Phase 1A	20	U (1.5)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	202-A03	Phase 1A	8	U (0.38) - 0.0016	0.037	8500	2.0
VOC	Methyl tert-butyl ether	202-A05	Phase 1A	4	U (0.0022)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	202-A06	Phase 1A	4	U (0.0020)	0.00091	8500	2.0
VOC	Methyl tert-butyl ether	202-A07	Phase 1A	3	U (0.0023)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	202-A08	Phase 1A	3	0.00032 - 0.0042	0.0019	8500	2.0
VOC	Methyl tert-butyl ether	202-A09	Phase 1A	6	0.00048 - 0.0020	0.0014	8500	2.0
VOC	Methyl tert-butyl ether	202-B01	Phase 1A	2	U (0.0049)	0.0020	8500	2.0
VOC	Methyl tert-butyl ether	202-B03	Phase 1A	15	U (0.21) - 0.0012	0.015	8500	2.0
VOC	Methyl tert-butyl ether	202-B04	Phase 1A	3	U (0.0021)	0.00095	8500	2.0
VOC	Methyl tert-butyl ether	202-B09	Phase 1A	9	U (0.13) - 0.0051	0.0087	8500	2.0
VOC	Methyl tert-butyl ether	202-C04	Phase 1A	7	U (0.0043)	0.0014	8500	2.0
VOC	Methyl tert-butyl ether	202-C06	Phase 1A	1	0.00054 - 0.00054	0.00054	8500	2.0
VOC	Methyl tert-butyl ether	202-C07	Phase 1A	1	U (0.00088)	0.00044	8500	2.0
VOC	Methyl tert-butyl ether	202-C10	Phase 1A	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	202-D05	Phase 1A	3	U (0.11)	0.035	8500	2.0
VOC	Methyl tert-butyl ether	202-D06	Phase 1A	3	U (0.00088)	0.00044	8500	2.0
VOC	Methyl tert-butyl ether	202-E06	Phase 1A	2	U (0.0032)	0.0013	8500	2.0
VOC	Methyl tert-butyl ether	202-E08	Phase 1A	11	0.00054 - 0.00054	0.0059	8500	2.0
VOC	Methyl tert-butyl ether	202-E09	Phase 1A	13	U (0.14)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	202-E10	Phase 1A	4	U (0.0021) - 0.00030	0.00081	8500	2.0
VOC	Methyl tert-butyl ether	202-E12	Phase 1A	2	U (0.0022)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	202-F04	Phase 1A	7	U (0.13) - 0.00074	0.0099	8500	2.0
VOC	Methyl tert-butyl ether	202-F05	Phase 1A	1	U (0.0022)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	202-F07	Phase 1A	9	U (0.51)	0.066	8500	2.0
VOC	Methyl tert-butyl ether	202-F08	Phase 1A	3	U (0.0050)	0.0016	8500	2.0
VOC	Methyl tert-butyl ether	202-F10	Phase 1A	2	U (0.11)	0.028	8500	2.0
VOC	Methyl tert-butyl ether	202-F13	Phase 1A	1	U (0.0060)	0.0030	8500	2.0
VOC	Methyl tert-butyl ether	202-F14	Phase 1A	2	U (0.0011)	0.00050	8500	2.0
VOC	Methyl tert-butyl ether	202-F16	Phase 1A	2	U (0.0050)	0.0015	8500	2.0
VOC	Methyl tert-butyl ether	202-F17	Phase 1A	8	U (0.0043)	0.0014	8500	2.0
VOC	Methyl tert-butyl ether	202-G01	Phase 1A	8	U (0.0023)	0.00098	8500	2.0
VOC	Methyl tert-butyl ether	202-G02	Phase 1A	13	U (0.13)	0.0059	8500	2.0
VOC	Methyl tert-butyl ether	202-G03	Phase 1A	9	U (0.0024)	0.00092	8500	2.0
VOC	Methyl tert-butyl ether	202-G04	Phase 1A	1	U (0.0012)	0.00060	8500	2.0
VOC	Methyl tert-butyl ether	202-G05	Phase 1A	1	U (0.00090)	0.00045	8500	2.0
VOC	Methyl tert-butyl ether	202-G07	Phase 1A	16	U (0.15)	0.0058	8500	2.0
VOC	Methyl tert-butyl ether	202-H03	Phase 1A	6	U (0.59)	0.11	8500	2.0
VOC	Methyl tert-butyl ether	202-H05	Phase 1A	1	U (0.0011)	0.00055	8500	2.0
VOC	Methyl tert-butyl ether	202-H06	Phase 1A	2	U (0.0013)	0.00058	8500	2.0
VOC	Methyl tert-butyl ether	202-H07	Phase 1A	2	U (0.0011)	0.00053	8500	2.0
VOC	Methyl tert-butyl ether	202-H08	Phase 1A	3	0.00032 - 0.0012	0.00084	8500	2.0
VOC	Methyl tert-butyl ether	202-H09	Phase 1A	4	U (0.016)	0.0029	8500	2.0
VOC	Methyl tert-butyl ether	202-H11	Phase 1A	10	U (0.14) - 0.013	0.015	8500	2.0
VOC	Methyl tert-butyl ether	202-I01	Phase 1A	2	U (0.0021)	0.00098	8500	2.0
VOC	Methyl tert-butyl ether	202-I04	Phase 1A	4	0.016 - 0.020	0.0098	8500	2.0
VOC	Methyl tert-butyl ether	202-J01	Phase 1A	6	U (0.12)	0.011	8500	2.0
VOC	Methyl tert-butyl ether	202-J02	Phase 1A	5	U (0.12)	0.013	8500	2.0
VOC	Methyl tert-butyl ether	202-J03	Phase 1A	9	U (1.6)	0.25	8500	2.0
VOC	Methyl tert-butyl ether	202-J04	Phase 1A	8	U (0.34)	0.089	8500	2.0
VOC	Methyl tert-butyl ether	202-J07	Phase 1A	5	U (0.13)	0.025	8500	2.0
VOC	Methyl tert-butyl ether	202-J09	Phase 1A	2	U (0.91)	0.23	8500	2.0
VOC	Methyl tert-butyl ether	301-AA01	Phase 1A	1	U (0.0014)	0.00070	8500	2.0
VOC	Methyl tert-butyl ether	301-AA06	Phase 1A	11	U (0.67)	0.052	8500	2.0
VOC	Methyl tert-butyl ether	301-AA07	Phase 1A	4	U (0.0022) - 0.0061	0.0027	8500	2.0
VOC	Methyl tert-butyl ether	301-AA08	Phase 1A	3	U (0.28)	0.086	8500	2.0
VOC	Methyl tert-butyl ether	301-AA09	Phase 1A	3	U (0.48)	0.17	8500	2.0
VOC	Methyl tert-butyl ether	301-AB04	Phase 1A	3	U (0.090)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	301-AB06	Phase 1A	2	U (0.0038)	0.0019	8500	2.0
VOC	Methyl tert-butyl ether	301-AB07	Phase 1A	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	301-AB09	Phase 1A	2	U (0.0059)	0.0026	8500	2.0
VOC	Methyl tert-butyl ether	301-AC04	Phase 1A	25	U (0.39)	0.045	8500	2.0
VOC	Methyl tert-butyl ether	301-AC07	Phase 1A	10	U (0.0028)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	301-AC08	Phase 1A	7	U (0.50)	0.037	8500	2.0
VOC	Methyl tert-butyl ether	301-AC09	Phase 1A	6	U (0.0022)	0.00093	8500	2.0
VOC	Methyl tert-butyl ether	301-B01	Phase 1A	1	U (0.0058)	0.0029	8500	2.0
VOC	Methyl tert-butyl ether	301-C01	Phase 1A	3	0.62 - 0.62	0.85	8500	2.0
VOC	Methyl tert-butyl ether	301-C02	Phase 1A	9	0.017 - 2.9	0.40	8500	2.0
VOC	Methyl tert-butyl ether	301-D01	Phase 1A	32	0.016 - 120	7.5	8500	2.0
VOC	Methyl tert-butyl ether	301-E02	Phase 1A	32	U (6.9) - 1.8	0.43	8500	2.0
VOC	Methyl tert-butyl ether	301-E03	Phase 1A	5	U (0.31) - 0.090	0.060	8500	2.0
VOC	Methyl tert-butyl ether	301-F02	Phase 1A	8	U (0.60) - 0.12	0.087	8500	2.0
VOC	Methyl tert-butyl ether	301-G01	Phase 1A	2	U (0.95) - 0.40	0.23	8500	2.0
VOC	Methyl tert-butyl ether	301-G02	Phase 1A	3	0.00070 - 0.37	0.13	8500	2.0
VOC	Methyl tert-butyl ether	301-G03	Phase 1A	1	U (0.079)	0.040	8500	2.0
VOC	Methyl tert-butyl ether	301-H01	Phase 1A	20	0.00066 - 2.6	0.29	8500	2.0
VOC	Methyl tert-butyl ether	301-H02	Phase 1A	3	0.00090 - 0.0040	0.0020	8500	2.0
VOC	Methyl tert-butyl ether	301-H03	Phase 1A	2	U (0.12)	0.038	8500	2.0
VOC	Methyl tert-butyl ether	301-I01	Phase 1A	9	U (1.1) - 0.00041	0.085	8500	2.0

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	301-I02	Phase 1A	1	U (0.13)	0.065	8500	2.0
VOC	Methyl tert-butyl ether	301-J01	Phase 1A	4	U (0.24)	0.060	8500	2.0
VOC	Methyl tert-butyl ether	301-J02	Phase 1A	7	U (0.28) - 0.082	0.074	8500	2.0
VOC	Methyl tert-butyl ether	301-K01	Phase 1A	9	U (0.60) - 0.0013	0.096	8500	2.0
VOC	Methyl tert-butyl ether	301-K02	Phase 1A	3	U (0.24)	0.082	8500	2.0
VOC	Methyl tert-butyl ether	301-L02	Phase 1A	8	U (6.0) - 0.00058	0.43	8500	2.0
VOC	Methyl tert-butyl ether	301-L03	Phase 1A	5	U (0.26)	0.073	8500	2.0
VOC	Methyl tert-butyl ether	301-M02	Phase 1A	5	U (0.22) - 0.031	0.031	8500	2.0
VOC	Methyl tert-butyl ether	301-M03	Phase 1A	3	U (0.22)	0.037	8500	2.0
VOC	Methyl tert-butyl ether	301-N02	Phase 1A	3	U (0.22) - 0.0076	0.073	8500	2.0
VOC	Methyl tert-butyl ether	301-P02	Phase 1A	2	U (0.13)	0.063	8500	2.0
VOC	Methyl tert-butyl ether	301-Q04	Phase 1A	6	0.00085 - 0.0011	0.029	8500	2.0
VOC	Methyl tert-butyl ether	301-R02	Phase 1A	6	U (0.26)	0.024	8500	2.0
VOC	Methyl tert-butyl ether	301-S02	Phase 1A	4	U (0.0054)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	301-T04	Phase 1A	2	U (0.30)	0.076	8500	2.0
VOC	Methyl tert-butyl ether	301-V04	Phase 1A	30	U (1.3) - 0.0065	0.074	8500	2.0
VOC	Methyl tert-butyl ether	301-W03	Phase 1A	4	U (0.27)	0.098	8500	2.0
VOC	Methyl tert-butyl ether	301-X03	Phase 1A	3	U (0.25)	0.079	8500	2.0
VOC	Methyl tert-butyl ether	301-Y03	Phase 1A	2	0.49 - 0.49	0.25	8500	2.0
VOC	Methyl tert-butyl ether	301-Y04	Phase 1A	3	U (0.28)	0.092	8500	2.0
VOC	Methyl tert-butyl ether	301-Y05	Phase 1A	6	U (1.2)	0.20	8500	2.0
VOC	Methyl tert-butyl ether	301-Z04	Phase 1A	14	0.00039 - 0.11	0.073	8500	2.0
VOC	Methyl tert-butyl ether	302-AD08	Phase 1A	2	U (0.0024)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-AD09	Phase 1A	3	U (0.0011)	0.00052	8500	2.0
VOC	Methyl tert-butyl ether	302-AD10	Phase 1A	4	U (0.24)	0.061	8500	2.0
VOC	Methyl tert-butyl ether	302-AE09	Phase 1A	4	U (0.0019)	0.00091	8500	2.0
VOC	Methyl tert-butyl ether	302-AF06	Phase 1A	9	U (0.61)	0.035	8500	2.0
VOC	Methyl tert-butyl ether	302-AG07	Phase 1A	7	U (0.0027) - 0.00047	0.00091	8500	2.0
VOC	Methyl tert-butyl ether	302-AN02	Phase 1A	2	U (0.0012)	0.00057	8500	2.0
VOC	Methyl tert-butyl ether	302-AO03	Phase 1A	2	U (0.0013)	0.00060	8500	2.0
VOC	Methyl tert-butyl ether	302-AQ02	Phase 1A	9	U (0.50) - 0.0035	0.091	8500	2.0
VOC	Methyl tert-butyl ether	302-AR02	Phase 1A	4	U (0.0025)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-AS03	Phase 1A	13	U (0.11)	0.0072	8500	2.0
VOC	Methyl tert-butyl ether	302-AV01	Phase 1A	6	U (0.0080) - 0.00090	0.0015	8500	2.0
VOC	Methyl tert-butyl ether	302-AV03	Phase 1A	6	U (0.11)	0.010	8500	2.0
VOC	Methyl tert-butyl ether	302-AW01	Phase 1A	8	U (0.49)	0.10	8500	2.0
VOC	Methyl tert-butyl ether	302-AW03	Phase 1A	2	U (0.0019)	0.00090	8500	2.0
VOC	Methyl tert-butyl ether	302-AX01	Phase 1A	5	U (0.24)	0.025	8500	2.0
VOC	Methyl tert-butyl ether	302-AX05	Phase 1A	2	U (0.0013)	0.00060	8500	2.0
VOC	Methyl tert-butyl ether	302-AZ05	Phase 1A	3	U (0.0050)	0.0017	8500	2.0
VOC	Methyl tert-butyl ether	302-BA05	Phase 1A	2	U (0.21)	0.054	8500	2.0
VOC	Methyl tert-butyl ether	302-BB06	Phase 1A	5	U (0.12)	0.025	8500	2.0
VOC	Methyl tert-butyl ether	302-BC05	Phase 1A	19	U (0.13)	0.0048	8500	2.0
VOC	Methyl tert-butyl ether	302-BD05	Phase 1A	4	U (0.0022)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-BE04	Phase 1A	5	U (0.0060)	0.0017	8500	2.0
VOC	Methyl tert-butyl ether	303-AY01	Phase 1A	4	U (0.0050)	0.0019	8500	2.0
VOC	Methyl tert-butyl ether	303-AZ01	Phase 1A	5	U (5.2)	1.4	8500	2.0
VOC	Methyl tert-butyl ether	303-BA01	Phase 1A	8	U (0.0038)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	303-BA02	Phase 1A	7	U (0.49) - 0.017	0.066	8500	2.0
VOC	Methyl tert-butyl ether	303-BB01	Phase 1A	2	U (0.0050)	0.0023	8500	2.0
VOC	Methyl tert-butyl ether	303-BB02	Phase 1A	5	U (0.64)	0.065	8500	2.0
VOC	Methyl tert-butyl ether	303-BC01	Phase 1A	4	U (0.0011)	0.00050	8500	2.0
VOC	Methyl tert-butyl ether	303-BD04	Phase 1A	6	U (0.25)	0.022	8500	2.0
VOC	Methyl tert-butyl ether	303-BE03	Phase 1A	16	U (1.2)	0.088	8500	2.0
VOC	Methyl tert-butyl ether	303-BF05	Phase 1A	13	U (2.2) - 0.00075	0.14	8500	2.0
VOC	Methyl tert-butyl ether	303-BG04	Phase 1A	27	U (8.5) - 0.0029	0.22	8500	2.0
VOC	Methyl tert-butyl ether	303-BH02	Phase 1A	20	U (0.42) - 0.0089	0.042	8500	2.0
VOC	Methyl tert-butyl ether	303-BI03	Phase 1A	6	U (0.0037)	0.0016	8500	2.0
VOC	Methyl tert-butyl ether	303-BJ01	Phase 1A	3	U (0.27)	0.062	8500	2.0
VOC	Methyl tert-butyl ether	303-BJ02	Phase 1A	3	0.00071 - 0.00071	0.00053	8500	2.0
VOC	Methyl tert-butyl ether	303-BK03	Phase 1A	7	U (1.5)	0.20	8500	2.0
VOC	Methyl tert-butyl ether	303-BL02	Phase 1A	13	U (0.19)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	303-BM02	Phase 1A	2	U (0.0050)	0.0017	8500	2.0
VOC	Methyl tert-butyl ether	303-BN02	Phase 1A	15	U (0.25)	0.021	8500	2.0
VOC	Methyl tert-butyl ether	303-BN03	Phase 1A	14	U (0.34)	0.017	8500	2.0
VOC	Methyl tert-butyl ether	303-BO02	Phase 1A	17	U (5.3)	0.58	8500	2.0
VOC	Methyl tert-butyl ether	303-BP02	Phase 1A	45	U (97)	4.1	8500	2.0
VOC	Methyl tert-butyl ether	303-BQ01	Phase 1A	4	U (0.42) - 0.00054	0.070	8500	2.0
VOC	Methyl tert-butyl ether	303-BQ02	Phase 1A	25	U (22)	0.94	8500	2.0
VOC	Methyl tert-butyl ether	303-BR02	Phase 1A	8	U (0.41)	0.085	8500	2.0
VOC	Methyl tert-butyl ether	303-BT01	Phase 1A	13	U (2.9)	0.12	8500	2.0
VOC	Methyl tert-butyl ether	303-BW01	Phase 1A	2	U (0.37)	0.11	8500	2.0
VOC	Toluene	201-A01	Phase 1A	7	0.026 - 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	0.0041 - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	201-A12	Phase 1A	16	0.00080 - 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	0.0027 - 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	0.0010 - 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	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) - 0.26	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 - 0.030	0.016	10000	100
VOC	Toluene	201-C04	Phase 1A	14	0.0051 - 3.0	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 - 33	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 - 0.39	0.098	10000	100
VOC	Toluene	201-C11	Phase 1A	1	1.9 - 1.9	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	0.00060 - 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 (0.0010)	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 (0.0010)	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 (0.10)	0.0073	10000	100
VOC	Toluene	202-B04	Phase 1A	3	U (0.0010)	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
VOC	Toluene	202-C10	Phase 1A	1	U (0.0050)	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	0.0010 - 0.0010	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) - 0.10	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	0.10 - 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 - 0.18	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 (0.0060)	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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	0.0050 - 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 (0.0010)	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	0.10 - 0.16	0.13	10000	100
VOC	Toluene	301-AA01	Phase 1A	1	0.0053 - 0.0053	0.0053	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 (0.090)	0.015	10000	100
VOC	Toluene	301-AB06	Phase 1A	2	U (0.0019)	0.00093	10000	100
VOC	Toluene	301-AB07	Phase 1A	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	301-AB09	Phase 1A	2	U (0.0059) - 0.0043	0.0033	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 (1.0) - 110	18	10000	100
VOC	Toluene	301-G01	Phase 1A	2	U (0.47) - 4.0	2.0	10000	100
VOC	Toluene	301-G02	Phase 1A	3	0.0070 - 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	0.0020 - 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	0.050 - 0.085	0.070	10000	100
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) - 0.10	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	1.9 - 4.2	3.0	10000	100
VOC	Toluene	301-Q04	Phase 1A	6	U (0.23) - 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-T04	Phase 1A	2	U (0.30)	0.076	10000	100
VOC	Toluene	301-V04	Phase 1A	30	U (1.3) - 0.49	0.068	10000	100
VOC	Toluene	301-W03	Phase 1A	4	U (0.27)	0.10	10000	100
VOC	Toluene	301-X03	Phase 1A	3	U (0.25)	0.079	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-Z04	Phase 1A	14	0.0024 - 0.39	0.081	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	U (0.12) - 4.2	1.5	10000	100
VOC	Toluene	302-AE09	Phase 1A	4	U (0.00095)	0.00046	10000	100
VOC	Toluene	302-AF06	Phase 1A	8	0.30 - 0.30	0.038	10000	100
VOC	Toluene	302-AG07	Phase 1A	14	U (0.057) - 0.0020	0.013	10000	100
VOC	Toluene	302-AJ09	Phase 1A	2	U (0.054)	0.027	10000	100
VOC	Toluene	302-AK06	Phase 1A	1	U (0.057)	0.029	10000	100
VOC	Toluene	302-AL06	Phase 1A	2	U (0.052)	0.025	10000	100
VOC	Toluene	302-AN02	Phase 1A	2	U (0.0060)	0.0028	10000	100
VOC	Toluene	302-AO03	Phase 1A	2	U (0.0063)	0.0030	10000	100
VOC	Toluene	302-AQ02	Phase 1A	7	U (0.25) - 0.00073	0.050	10000	100
VOC	Toluene	302-AR02	Phase 1A	4	U (0.0013)	0.00053	10000	100

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AS03	Phase 1A	13	U (0.11)	0.0069	10000	100
VOC	Toluene	302-AV01	Phase 1A	12	0.0030 - 41	3.7	10000	100
VOC	Toluene	302-AV03	Phase 1A	6	U (0.056) - 0.0057	0.0059	10000	100
VOC	Toluene	302-AW01	Phase 1A	12	U (6.0) - 6.2	1.7	10000	100
VOC	Toluene	302-AW03	Phase 1A	2	U (0.00096)	0.00046	10000	100
VOC	Toluene	302-AX01	Phase 1A	15	U (1.0) - 55	4.2	10000	100
VOC	Toluene	302-AX05	Phase 1A	2	U (0.0063)	0.0030	10000	100
VOC	Toluene	302-AZ05	Phase 1A	3	U (0.0050)	0.0013	10000	100
VOC	Toluene	302-BA05	Phase 1A	2	U (1.1)	0.27	10000	100
VOC	Toluene	302-BB06	Phase 1A	5	U (0.060)	0.012	10000	100
VOC	Toluene	302-BC05	Phase 1A	19	U (0.067) - 0.014	0.0037	10000	100
VOC	Toluene	302-BD05	Phase 1A	4	U (0.0011)	0.00053	10000	100
VOC	Toluene	302-BE04	Phase 1A	5	U (0.0060)	0.0014	10000	100
VOC	Toluene	303-AY01	Phase 1A	4	0.0020 - 0.0020	0.0011	10000	100
VOC	Toluene	303-AZ01	Phase 1A	5	0.0020 - 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 (0.0050)	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	0.65	10000	100
VOC	Toluene	303-BF05	Phase 1A	20	0.00080 - 9.1	0.85	10000	100
VOC	Toluene	303-BG04	Phase 1A	28	0.00096 - 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	0.00080 - 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	0.0030 - 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	0.00040 - 0.055	0.067	10000	100
VOC	Toluene	303-BQ02	Phase 1A	25	0.0033 - 6200	469	10000	100
VOC	Toluene	303-BR02	Phase 1A	8	0.0060 - 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	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 - 11	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
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 - 8.8	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	0.00070 - 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	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	31 - 39	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 (0.0020)	0.0010	4700	300
VOC	1,2,4-Trimethylbenzene	201-E03	Phase 1A	2	0.11 - 0.11	0.056	4700	300

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 (0.0020)	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) - 0.040	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)	0.00095	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	7.0 - 14	6.9	4700	300
VOC	1,2,4-Trimethylbenzene	202-D06	Phase 1A	3	U (0.0044) - 0.044	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 (0.0060)	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)	0.00098	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	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 - 0.20	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)	0.00098	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
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-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 - 27	6.7	4700	300
VOC	1,2,4-Trimethylbenzene	301-AA08	Phase 1A	3	0.58 - 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-AB06	Phase 1A	2	0.080 - 0.080	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-AC04	Phase 1A	25	U (0.39) - 6.0	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 (0.50) - 2.0	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) - 0.050	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 - 2.0	1.0	4700	300
VOC	1,2,4-Trimethylbenzene	301-G02	Phase 1A	3	0.0050 - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	301-H02	Phase 1A	3	0.0020 - 0.0060	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	0.050 - 3.3	0.47	4700	300
VOC	1,2,4-Trimethylbenzene	301-K02	Phase 1A	3	U (0.24) - 0.30	0.16	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	0.00030 - 2.6	0.76	4700	300
VOC	1,2,4-Trimethylbenzene	301-M02	Phase 1A	5	U (0.22) - 0.30	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	2.3 - 2.6	2.5	4700	300
VOC	1,2,4-Trimethylbenzene	301-Q04	Phase 1A	5	U (0.23) - 0.59	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-T04	Phase 1A	2	U (0.30)	0.076	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-W03	Phase 1A	4	U (0.27) - 0.15	0.13	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-Y03	Phase 1A	2	U (0.60)	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-Z04	Phase 1A	14	0.052 - 12	2.5	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	2.0 - 7.1	2.3	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE09	Phase 1A	4	U (0.0019)	0.00091	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-AG07	Phase 1A	7	U (0.0027) - 0.0018	0.0012	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-AO03	Phase 1A	2	U (0.0013)	0.00060	4700	300
VOC	1,2,4-Trimethylbenzene	302-AQ02	Phase 1A	9	U (0.50) - 5.1	1.2	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-AS03	Phase 1A	13	U (0.53) - 0.089	0.010	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV01	Phase 1A	6	U (0.0080) - 0.0057	0.0029	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-AW01	Phase 1A	8	U (0.49) - 0.83	0.19	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-AX05	Phase 1A	2	U (0.0013)	0.00060	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	0.097 - 34	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-BC05	Phase 1A	19	U (0.13) - 4.4	0.30	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 (0.0060)	0.0015	4700	300
VOC	1,2,4-Trimethylbenzene	303-AY01	Phase 1A	4	U (0.0050) - 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 (0.0050)	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
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	0.0090 - 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 - 0.48	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	0.056 - 0.14	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	0.025 - 0.025	0.025	4700	300
VOC	1,3,5-Trimethylbenzene	201-A01	Phase 1A	7	0.0024 - 48	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 - 95	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) - 0.50	0.087	4700	93
VOC	1,3,5-Trimethylbenzene	201-A15	Phase 1A	8	U (0.84)	0.14	4700	93
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	0.00090 - 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	0.0010 - 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 - 3.4	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	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	201-C10	Phase 1A	3	U (0.23) - 12	4.0	4700	93
VOC	1,3,5-Trimethylbenzene	201-C11	Phase 1A	1	17 - 17	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	11 - 15	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) - 0.00030	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 (0.0020)	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	0.00070 - 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	0.0050 - 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 (0.0020)	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)	0.00095	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) - 0.017	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	0.010 - 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	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	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 (0.0060)	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	0.54 - 27	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-H08	Phase 1A	3	U (0.0039)	0.0015	4700	93
VOC	1,3,5-Trimethylbenzene	202-H09	Phase 1A	4	0.0022 - 0.20	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)	0.00098	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
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-AA06	Phase 1A	11	U (0.67) - 1.0	0.14	4700	93
VOC	1,3,5-Trimethylbenzene	301-AA07	Phase 1A	4	U (1.4) - 9.7	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-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-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 (0.50) - 4.0	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 (0.60) - 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 (0.0010) - 0.0010	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) - 0.030	0.072	4700	93
VOC	1,3,5-Trimethylbenzene	301-L02	Phase 1A	8	0.030 - 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) - 0.040	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	1.9 - 1.9	1.1	4700	93
VOC	1,3,5-Trimethylbenzene	301-Q04	Phase 1A	5	U (0.23) - 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-T04	Phase 1A	2	U (0.30)	0.076	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-W03	Phase 1A	4	U (0.27)	0.10	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-Y03	Phase 1A	2	U (0.60)	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-Z04	Phase 1A	14	0.00031 - 3.7	0.61	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-AE09	Phase 1A	4	U (0.0019)	0.00091	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-AG07	Phase 1A	7	U (0.0027) - 0.0011	0.0011	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-AO03	Phase 1A	2	U (0.0013)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	302-AQ02	Phase 1A	9	U (0.50) - 3.2	0.74	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-AS03	Phase 1A	13	U (0.53)	0.033	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV01	Phase 1A	6	U (0.0080) - 0.0014	0.0021	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-AW01	Phase 1A	8	U (0.49) - 0.34	0.12	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-AX05	Phase 1A	2	U (0.0013)	0.00060	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	0.031 - 11	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-BC05	Phase 1A	19	U (0.13) - 1.9	0.13	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 (0.0060)	0.0015	4700	93

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AY01	Phase 1A	4	U (0.0050) - 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 (0.0050)	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
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	0.0010 - 0.0020	0.0015	4700	93
VOC	1,3,5-Trimethylbenzene	303-BJ01	Phase 1A	3	0.00040 - 0.060	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) - 0.16	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	0.047 - 0.047	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	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	0.013 - 2870	826	7900	1000
VOC	Xylenes (total)	201-A04	Phase 1A	55	0.0011 - 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 - 5.4	0.79	7900	1000
VOC	Xylenes (total)	201-A07	Phase 1A	12	0.92 - 1420	422	7900	1000
VOC	Xylenes (total)	201-A08	Phase 1A	7	3.9 - 383	59	7900	1000
VOC	Xylenes (total)	201-A09	Phase 1A	8	0.046 - 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	0.020 - 920	141	7900	1000
VOC	Xylenes (total)	201-A14	Phase 1A	15	0.0020 - 1.4	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	1.2 - 1.2	1.2	7900	1000
VOC	Xylenes (total)	201-B04	Phase 1A	11	0.0017 - 55	5.4	7900	1000
VOC	Xylenes (total)	201-B05	Phase 1A	3	0.12 - 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) - 1.6	0.21	7900	1000
VOC	Xylenes (total)	201-B09	Phase 1A	10	0.0043 - 1.3	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) - 0.97	0.17	7900	1000
VOC	Xylenes (total)	201-B12	Phase 1A	4	0.0044 - 3.9	1.8	7900	1000
VOC	Xylenes (total)	201-C01	Phase 1A	15	0.0030 - 133	22	7900	1000
VOC	Xylenes (total)	201-C02	Phase 1A	2	0.031 - 0.13	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	U (1.4) - 0.011	0.37	7900	1000
VOC	Xylenes (total)	201-C06	Phase 1A	14	0.0013 - 17	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	0.0023 - 1640	214	7900	1000
VOC	Xylenes (total)	201-C09	Phase 1A	7	U (0.093) - 0.17	0.025	7900	1000
VOC	Xylenes (total)	201-C10	Phase 1A	4	0.00031 - 8.4	2.1	7900	1000
VOC	Xylenes (total)	201-C11	Phase 1A	1	48 - 48	48	7900	1000
VOC	Xylenes (total)	201-D01	Phase 1A	4	U (0.018)	0.0063	7900	1000
VOC	Xylenes (total)	201-D05	Phase 1A	8	0.0013 - 32	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 (5.0) - 440	21	7900	1000
VOC	Xylenes (total)	201-E02	Phase 1A	1	U (0.0020)	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	0.0020 - 350	112	7900	1000
VOC	Xylenes (total)	201-E05	Phase 1A	26	U (1.3) - 18	1.4	7900	1000
VOC	Xylenes (total)	201-F01	Phase 1A	51	0.0016 - 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	4.9	7900	1000
VOC	Xylenes (total)	202-A04	Phase 1A	4	0.20 - 0.80	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 (0.0020)	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) - 0.0013	0.0010	7900	1000
VOC	Xylenes (total)	202-B01	Phase 1A	2	U (0.0049) - 0.0047	0.0031	7900	1000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-B02	Phase 1A	16	U (0.61) - 8.9	0.63	7900	1000
VOC	Xylenes (total)	202-B03	Phase 1A	15	U (0.21) - 0.46	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) - 0.11	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)	0.00095	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 (0.0050)	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) - 0.011	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	0.028 - 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	0.0013 - 0.56	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	0.39 - 38	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 (0.0060)	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)	0.00098	7900	1000
VOC	Xylenes (total)	202-G02	Phase 1A	14	U (0.13) - 0.10	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	10	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	U (0.59) - 66	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	3.0	7900	1000
VOC	Xylenes (total)	202-I01	Phase 1A	2	U (0.0021)	0.00098	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	0.0018 - 165	48	7900	1000
VOC	Xylenes (total)	202-J04	Phase 1A	8	0.0010 - 182	71	7900	1000
VOC	Xylenes (total)	202-J07	Phase 1A	9	0.0040 - 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-AA06	Phase 1A	11	U (0.67) - 0.88	0.13	7900	1000
VOC	Xylenes (total)	301-AA07	Phase 1A	4	U (0.27) - 18	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-AB06	Phase 1A	2	0.0098 - 0.0098	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	0.0078 - 0.0078	0.0074	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 - 0.089	0.019	7900	1000
VOC	Xylenes (total)	301-AC08	Phase 1A	7	U (0.50) - 1.7	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	0.10 - 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	0.0032 - 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	0.031 - 180	90	7900	1000
VOC	Xylenes (total)	301-G01	Phase 1A	2	U (0.95) - 5.2	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	0.0017 - 410	61	7900	1000
VOC	Xylenes (total)	301-H02	Phase 1A	4	0.0050 - 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	2.6	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) - 3.5	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	0.030 - 0.68	0.18	7900	1000
VOC	Xylenes (total)	301-K02	Phase 1A	3	0.079 - 0.34	0.24	7900	1000
VOC	Xylenes (total)	301-L02	Phase 1A	8	0.16 - 485.7	72	7900	1000
VOC	Xylenes (total)	301-L03	Phase 1A	5	0.0011 - 1.6	0.49	7900	1000
VOC	Xylenes (total)	301-M02	Phase 1A	5	0.0032 - 1.1	0.25	7900	1000
VOC	Xylenes (total)	301-M03	Phase 1A	3	0.017 - 0.21	0.085	7900	1000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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)	301-N02	Phase 1A	3	U (0.65) - 0.60	0.31	7900	1000
VOC	Xylenes (total)	301-P02	Phase 1A	2	3.1 - 4.2	3.6	7900	1000
VOC	Xylenes (total)	301-Q04	Phase 1A	6	U (0.70)	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-T04	Phase 1A	2	U (0.59)	0.15	7900	1000
VOC	Xylenes (total)	301-V04	Phase 1A	30	U (1.3) - 11	0.74	7900	1000
VOC	Xylenes (total)	301-W03	Phase 1A	4	U (0.53)	0.20	7900	1000
VOC	Xylenes (total)	301-X03	Phase 1A	3	U (0.50)	0.16	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-Z04	Phase 1A	14	0.0071 - 4.4	1.1	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	U (0.24) - 51	16	7900	1000
VOC	Xylenes (total)	302-AE09	Phase 1A	4	U (0.0019)	0.00091	7900	1000
VOC	Xylenes (total)	302-AF06	Phase 1A	9	0.023 - 197	22	7900	1000
VOC	Xylenes (total)	302-AG07	Phase 1A	7	U (0.0027) - 0.0049	0.0017	7900	1000
VOC	Xylenes (total)	302-AN02	Phase 1A	2	U (0.0036)	0.0017	7900	1000
VOC	Xylenes (total)	302-AO03	Phase 1A	2	U (0.0038)	0.0018	7900	1000
VOC	Xylenes (total)	302-AQ02	Phase 1A	9	U (0.50) - 2.5	0.37	7900	1000
VOC	Xylenes (total)	302-AR02	Phase 1A	4	U (0.0025)	0.0011	7900	1000
VOC	Xylenes (total)	302-AS03	Phase 1A	13	U (0.11)	0.0072	7900	1000
VOC	Xylenes (total)	302-AV01	Phase 1A	8	U (0.0080) - 140	19	7900	1000
VOC	Xylenes (total)	302-AV03	Phase 1A	6	U (0.11) - 2.3	0.40	7900	1000
VOC	Xylenes (total)	302-AW01	Phase 1A	12	U (6.0) - 35	3.5	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-AX05	Phase 1A	2	U (0.0038)	0.0018	7900	1000
VOC	Xylenes (total)	302-AZ05	Phase 1A	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	302-BA05	Phase 1A	2	0.023 - 13	6.6	7900	1000
VOC	Xylenes (total)	302-BC05	Phase 1A	7	U (0.0038) - 0.16	0.038	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 (0.0050) - 0.0018	0.0020	7900	1000
VOC	Xylenes (total)	303-AZ01	Phase 1A	5	U (5.2) - 3.8	1.8	7900	1000
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 (0.0050)	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	0.0033 - 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) - 95	6.8	7900	1000
VOC	Xylenes (total)	303-BH02	Phase 1A	25	0.0017 - 39	3.2	7900	1000
VOC	Xylenes (total)	303-BI03	Phase 1A	6	0.0021 - 0.0059	0.0026	7900	1000
VOC	Xylenes (total)	303-BJ01	Phase 1A	3	0.013 - 0.25	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 - 1.2	0.39	7900	1000
VOC	Xylenes (total)	303-BL02	Phase 1A	13	0.0018 - 1.1	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) - 1.3	0.10	7900	1000
VOC	Xylenes (total)	303-BN03	Phase 1A	14	U (0.34) - 1.3	0.16	7900	1000
VOC	Xylenes (total)	303-BO02	Phase 1A	17	0.0026 - 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	0.0010 - 0.097	0.077	7900	1000
VOC	Xylenes (total)	303-BQ02	Phase 1A	25	0.0080 - 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	0.28 - 0.28	0.23	7900	1000
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	0.010 - 0.086	0.059	190000	350
SVOC	Anthracene	201-A07	Phase 1A	9	0.0020 - 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 - 0.20	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) - 0.020	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	0.060 - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	201-C05	Phase 1A	3	0.0041 - 8.8	3.0	190000	350
SVOC	Anthracene	201-C07	Phase 1A	8	0.10 - 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 (0.40) - 0.47	0.36	190000	350
SVOC	Anthracene	201-D01	Phase 1A	4	U (0.42) - 0.36	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) - 0.40	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	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 - 0.40	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 (0.40)	0.12	190000	350
SVOC	Anthracene	202-B03	Phase 1A	15	0.040 - 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 (0.20) - 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 (0.20) - 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) - 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) - 0.20	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	0.060 - 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
SVOC	Anthracene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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	1.8 - 2.6	0.91	190000	350
SVOC	Anthracene	202-H05	Phase 1A	1	U (0.040)	0.020	190000	350
SVOC	Anthracene	202-H06	Phase 1A	2	U (0.040) - 0.018	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	U (1.2) - 2.1	1.1	190000	350
SVOC	Anthracene	202-J04	Phase 1A	8	0.10 - 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 (0.040)	0.020	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) - 0.86	0.25	190000	350
SVOC	Anthracene	301-AA08	Phase 1A	3	U (0.020) - 0.062	0.027	190000	350
SVOC	Anthracene	301-AA09	Phase 1A	3	U (0.020) - 0.082	0.034	190000	350
SVOC	Anthracene	301-AB04	Phase 1A	3	U (0.37)	0.18	190000	350
SVOC	Anthracene	301-AB06	Phase 1A	2	U (0.11)	0.055	190000	350

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	301-AB07	Phase 1A	1	U (0.20)	0.10	190000	350
SVOC	Anthracene	301-AB09	Phase 1A	2	U (0.88) - 8.2	4.1	190000	350
SVOC	Anthracene	301-AC04	Phase 1A	25	U (0.57) - 4.0	0.28	190000	350
SVOC	Anthracene	301-AC07	Phase 1A	10	U (0.56) - 0.50	0.13	190000	350
SVOC	Anthracene	301-AC08	Phase 1A	7	0.040 - 3.0	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 (0.030)	0.012	190000	350
SVOC	Anthracene	301-N02	Phase 1A	3	0.036 - 0.30	0.13	190000	350
SVOC	Anthracene	301-P02	Phase 1A	2	0.73 - 0.73	0.37	190000	350
SVOC	Anthracene	301-Q04	Phase 1A	6	U (0.40) - 0.35	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-T04	Phase 1A	2	U (0.090)	0.027	190000	350
SVOC	Anthracene	301-V04	Phase 1A	29	U (0.17) - 0.056	0.040	190000	350
SVOC	Anthracene	301-W03	Phase 1A	4	0.019 - 0.019	0.0094	190000	350
SVOC	Anthracene	301-X03	Phase 1A	3	0.20 - 0.20	0.073	190000	350
SVOC	Anthracene	301-Y03	Phase 1A	2	U (0.040)	0.019	190000	350
SVOC	Anthracene	301-Y04	Phase 1A	3	U (0.020)	0.0092	190000	350
SVOC	Anthracene	301-Y05	Phase 1A	6	U (0.12) - 0.30	0.089	190000	350
SVOC	Anthracene	301-Z04	Phase 1A	14	0.041 - 1.1	0.21	190000	350
SVOC	Anthracene	302-AD08	Phase 1A	2	U (0.10)	0.050	190000	350
SVOC	Anthracene	302-AD09	Phase 1A	3	U (0.10)	0.029	190000	350
SVOC	Anthracene	302-AD10	Phase 1A	4	0.050 - 0.49	0.24	190000	350
SVOC	Anthracene	302-AE09	Phase 1A	4	U (0.12)	0.046	190000	350
SVOC	Anthracene	302-AF06	Phase 1A	8	0.088 - 0.16	0.079	190000	350
SVOC	Anthracene	302-AG07	Phase 1A	14	U (0.12)	0.039	190000	350
SVOC	Anthracene	302-AJ09	Phase 1A	13	U (57) - 1.6	3.3	190000	350
SVOC	Anthracene	302-AK06	Phase 1A	3	U (0.42) - 1.3	0.57	190000	350
SVOC	Anthracene	302-AL06	Phase 1A	13	U (1.8) - 1.9	0.42	190000	350
SVOC	Anthracene	302-AN02	Phase 1A	2	U (0.20)	0.058	190000	350
SVOC	Anthracene	302-AO03	Phase 1A	2	U (0.042)	0.020	190000	350
SVOC	Anthracene	302-AQ02	Phase 1A	7	U (1.1) - 1.7	0.29	190000	350
SVOC	Anthracene	302-AR02	Phase 1A	4	U (0.12)	0.055	190000	350
SVOC	Anthracene	302-AS03	Phase 1A	13	U (0.12) - 0.15	0.051	190000	350
SVOC	Anthracene	302-AV01	Phase 1A	10	0.045 - 1.5	0.36	190000	350
SVOC	Anthracene	302-AV03	Phase 1A	6	U (0.12) - 0.77	0.18	190000	350
SVOC	Anthracene	302-AW01	Phase 1A	9	0.083 - 9.6	1.5	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-AX05	Phase 1A	2	U (0.041)	0.020	190000	350
SVOC	Anthracene	302-AZ05	Phase 1A	2	U (0.41)	0.13	190000	350
SVOC	Anthracene	302-BA05	Phase 1A	2	U (0.22) - 0.44	0.23	190000	350
SVOC	Anthracene	302-BC05	Phase 1A	7	U (0.039) - 0.11	0.027	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
SVOC	Anthracene	303-AY01	Phase 1A	4	0.042 - 0.79	0.29	190000	350
SVOC	Anthracene	303-AZ01	Phase 1A	5	0.20 - 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	0.068 - 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	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	0.20 - 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	4.0 - 4.8	4.5	190000	350
SVOC	Anthracene	303-BJ02	Phase 1A	3	0.094 - 0.49	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	0.0050 - 4.6	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	0.033 - 3.4	0.57	190000	350
SVOC	Anthracene	303-BO02	Phase 1A	9	0.0070 - 3.4	0.57	190000	350
SVOC	Anthracene	303-BP02	Phase 1A	32	0.0040 - 6.2	0.93	190000	350
SVOC	Anthracene	303-BQ01	Phase 1A	4	0.26 - 1.0	0.54	190000	350
SVOC	Anthracene	303-BQ02	Phase 1A	15	0.0060 - 3.9	0.79	190000	350
SVOC	Anthracene	303-BR02	Phase 1A	8	0.14 - 10	1.7	190000	350
SVOC	Anthracene	303-BT01	Phase 1A	13	0.0059 - 0.90	0.11	190000	350
SVOC	Anthracene	303-BW01	Phase 1A	2	0.022 - 0.022	0.061	190000	350

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	201-A01	Phase 1A	7	0.024 - 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	0.042 - 0.064	0.054	130	340
SVOC	Benzo(a)anthracene	201-A04	Phase 1A	29	U (2.6) - 1.7	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) - 0.090	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 (0.40) - 1.7	0.78	130	340
SVOC	Benzo(a)anthracene	201-D01	Phase 1A	4	U (0.42) - 1.1	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	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	U (0.52) - 0.80	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) - 0.070	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 (0.40)	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) - 0.040	0.12	130	340
SVOC	Benzo(a)anthracene	202-B05	Phase 1A	4	0.044 - 0.20	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 (0.20) - 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) - 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
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) - 0.023	0.021	130	340
SVOC	Benzo(a)anthracene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-H05	Phase 1A	1	U (0.040)	0.020	130	340
SVOC	Benzo(a)anthracene	202-H06	Phase 1A	2	U (0.040) - 0.056	0.038	130	340
SVOC	Benzo(a)anthracene	202-H07	Phase 1A	2	U (0.037) - 0.029	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) - 0.10	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	0.012 - 0.012	0.012	130	340
SVOC	Benzo(a)anthracene	301-AA06	Phase 1A	11	0.0096 - 0.20	0.070	130	340
SVOC	Benzo(a)anthracene	301-AA07	Phase 1A	4	U (0.12) - 0.31	0.15	130	340
SVOC	Benzo(a)anthracene	301-AA08	Phase 1A	3	U (0.020) - 0.067	0.029	130	340
SVOC	Benzo(a)anthracene	301-AA09	Phase 1A	3	U (0.020) - 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-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 (0.88) - 8.0	4.0	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	0.10 - 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 - 0.010	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-N02	Phase 1A	3	0.0086 - 1.1	0.37	130	340
SVOC	Benzo(a)anthracene	301-P02	Phase 1A	2	0.074 - 1.3	0.69	130	340
SVOC	Benzo(a)anthracene	301-Q04	Phase 1A	6	U (0.40) - 1.2	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-T04	Phase 1A	2	U (0.090)	0.027	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-W03	Phase 1A	4	U (0.017) - 0.00098	0.0066	130	340
SVOC	Benzo(a)anthracene	301-X03	Phase 1A	3	0.057 - 0.057	0.025	130	340
SVOC	Benzo(a)anthracene	301-Y03	Phase 1A	2	U (0.040) - 0.058	0.039	130	340
SVOC	Benzo(a)anthracene	301-Y04	Phase 1A	3	U (0.020) - 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-Z04	Phase 1A	14	0.024 - 0.29	0.10	130	340
SVOC	Benzo(a)anthracene	302-AD08	Phase 1A	2	U (0.10)	0.050	130	340
SVOC	Benzo(a)anthracene	302-AD09	Phase 1A	3	U (0.10) - 0.015	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-AE09	Phase 1A	4	0.00094 - 0.00094	0.045	130	340
SVOC	Benzo(a)anthracene	302-AF06	Phase 1A	8	0.035 - 0.97	0.26	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-AJ09	Phase 1A	13	U (57) - 3.9	3.8	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-AL06	Phase 1A	13	U (0.37) - 5.0	1.3	130	340
SVOC	Benzo(a)anthracene	302-AN02	Phase 1A	2	U (0.20)	0.058	130	340
SVOC	Benzo(a)anthracene	302-AO03	Phase 1A	2	U (0.042)	0.020	130	340
SVOC	Benzo(a)anthracene	302-AQ02	Phase 1A	7	U (1.1)	0.13	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-AS03	Phase 1A	13	U (0.12) - 0.042	0.046	130	340
SVOC	Benzo(a)anthracene	302-AV01	Phase 1A	10	0.15 - 2.0	0.78	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-AW01	Phase 1A	9	0.27 - 13	1.9	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	0.038 - 41	4.5	130	340
SVOC	Benzo(a)anthracene	302-AX05	Phase 1A	2	U (0.041)	0.020	130	340
SVOC	Benzo(a)anthracene	302-AZ05	Phase 1A	2	U (0.41)	0.13	130	340
SVOC	Benzo(a)anthracene	302-BA05	Phase 1A	2	U (0.22)	0.064	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-BD05	Phase 1A	4	U (0.12)	0.060	130	340
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	0.032 - 3.4	0.71	130	340
SVOC	Benzo(a)anthracene	303-BA02	Phase 1A	11	0.19 - 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 - 78	20	130	340
SVOC	Benzo(a)anthracene	303-BC01	Phase 1A	4	0.012 - 0.35	0.15	130	340

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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	0.99	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	0.061 - 0.99	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 - 9.0	4.5	130	340
SVOC	Benzo(a)anthracene	303-BN02	Phase 1A	15	0.054 - 13	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	0.0080 - 9.6	1.3	130	340
SVOC	Benzo(a)anthracene	303-BQ01	Phase 1A	4	0.28 - 0.95	0.49	130	340
SVOC	Benzo(a)anthracene	303-BQ02	Phase 1A	15	0.0040 - 6.1	0.88	130	340
SVOC	Benzo(a)anthracene	303-BR02	Phase 1A	8	0.23 - 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	0.091 - 0.35	0.22	130	340
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) - 0.20	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 - 0.30	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 - 0.0020	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 - 0.010	0.0045	91	46
SVOC	Benzo(a)pyrene	201-C01	Phase 1A	14	U (1.6) - 0.10	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	U (2.6) - 4.0	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 (0.40) - 2.3	0.97	91	46
SVOC	Benzo(a)pyrene	201-D01	Phase 1A	4	U (0.42) - 1.0	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	U (0.70) - 0.92	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) - 0.040	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 (0.40)	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 (0.70)	0.16	91	46
SVOC	Benzo(a)pyrene	202-B05	Phase 1A	4	U (0.039) - 0.060	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 (0.20) - 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) - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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
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) - 0.024	0.021	91	46
SVOC	Benzo(a)pyrene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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 (0.040)	0.020	91	46
SVOC	Benzo(a)pyrene	202-H06	Phase 1A	2	U (0.040) - 0.045	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	0.80 - 0.80	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 (0.040)	0.020	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) - 0.21	0.10	91	46
SVOC	Benzo(a)pyrene	301-AA08	Phase 1A	3	U (0.020) - 0.069	0.030	91	46
SVOC	Benzo(a)pyrene	301-AA09	Phase 1A	3	U (0.020) - 0.20	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-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 (0.88) - 8.9	4.4	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	0.10 - 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) - 0.060	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-N02	Phase 1A	3	0.0044 - 1.2	0.40	91	46
SVOC	Benzo(a)pyrene	301-P02	Phase 1A	2	0.064 - 0.74	0.40	91	46
SVOC	Benzo(a)pyrene	301-Q04	Phase 1A	6	U (0.40) - 2.5	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-T04	Phase 1A	2	U (0.090)	0.027	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-W03	Phase 1A	4	U (0.017) - 0.0014	0.0067	91	46
SVOC	Benzo(a)pyrene	301-X03	Phase 1A	3	0.054 - 0.054	0.024	91	46
SVOC	Benzo(a)pyrene	301-Y03	Phase 1A	2	U (0.040) - 0.076	0.048	91	46
SVOC	Benzo(a)pyrene	301-Y04	Phase 1A	3	U (0.020) - 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-Z04	Phase 1A	14	U (0.76) - 0.14	0.13	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 (0.10) - 0.017	0.029	91	46
SVOC	Benzo(a)pyrene	302-AD10	Phase 1A	4	0.14 - 1.6	0.55	91	46
SVOC	Benzo(a)pyrene	302-AE09	Phase 1A	4	U (0.16)	0.058	91	46
SVOC	Benzo(a)pyrene	302-AF06	Phase 1A	8	0.044 - 0.46	0.15	91	46
SVOC	Benzo(a)pyrene	302-AG07	Phase 1A	14	U (0.16) - 0.10	0.052	91	46
SVOC	Benzo(a)pyrene	302-AJ09	Phase 1A	13	U (57) - 3.3	3.7	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-AL06	Phase 1A	13	U (0.37) - 4.8	1.2	91	46
SVOC	Benzo(a)pyrene	302-AN02	Phase 1A	2	U (0.20)	0.058	91	46
SVOC	Benzo(a)pyrene	302-AO03	Phase 1A	2	U (0.042)	0.020	91	46
SVOC	Benzo(a)pyrene	302-AQ02	Phase 1A	7	U (1.5)	0.17	91	46

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AR02	Phase 1A	4	U (0.16)	0.074	91	46
SVOC	Benzo(a)pyrene	302-AS03	Phase 1A	13	U (0.16) - 0.036	0.058	91	46
SVOC	Benzo(a)pyrene	302-AV01	Phase 1A	10	0.16 - 2.0	1.0	91	46
SVOC	Benzo(a)pyrene	302-AV03	Phase 1A	6	U (0.16)	0.079	91	46
SVOC	Benzo(a)pyrene	302-AW01	Phase 1A	9	0.31 - 12	1.9	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	0.87	91	46
SVOC	Benzo(a)pyrene	302-AX05	Phase 1A	2	U (0.041)	0.020	91	46
SVOC	Benzo(a)pyrene	302-AZ05	Phase 1A	2	U (0.41)	0.14	91	46
SVOC	Benzo(a)pyrene	302-BA05	Phase 1A	2	U (0.22)	0.064	91	46
SVOC	Benzo(a)pyrene	302-BC05	Phase 1A	7	U (0.039) - 0.0055	0.0066	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	0.10 - 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	0.053 - 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 - 2.0	1.6	91	46
SVOC	Benzo(a)pyrene	303-BB02	Phase 1A	5	0.028 - 74	19	91	46
SVOC	Benzo(a)pyrene	303-BC01	Phase 1A	4	U (0.038) - 0.27	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	0.090 - 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	0.80 - 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	0.076 - 1.3	0.55	91	46
SVOC	Benzo(a)pyrene	303-BK03	Phase 1A	7	0.30 - 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 - 7.7	3.9	91	46
SVOC	Benzo(a)pyrene	303-BN02	Phase 1A	15	0.046 - 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	0.010 - 1.7	0.51	91	46
SVOC	Benzo(a)pyrene	303-BP02	Phase 1A	44	0.0090 - 9.4	1.0	91	46
SVOC	Benzo(a)pyrene	303-BQ01	Phase 1A	4	0.25 - 1.1	0.54	91	46
SVOC	Benzo(a)pyrene	303-BQ02	Phase 1A	18	0.0060 - 6.2	0.85	91	46
SVOC	Benzo(a)pyrene	303-BR02	Phase 1A	8	0.27 - 6.0	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	0.11 - 0.41	0.26	91	46
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	0.0040 - 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) - 0.0070	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 (0.40) - 2.3	0.99	76	170
SVOC	Benzo(b)fluoranthene	201-D01	Phase 1A	4	U (0.42) - 1.6	0.44	76	170
SVOC	Benzo(b)fluoranthene	201-D05	Phase 1A	4	0.0081 - 1.0	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	U (0.52) - 1.2	0.15	76	170
SVOC	Benzo(b)fluoranthene	201-F02	Phase 1A	4	0.0054 - 0.020	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 (0.40)	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 (0.20) - 0.20	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) - 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
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) - 0.030	0.024	76	170
SVOC	Benzo(b)fluoranthene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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 (0.040)	0.020	76	170
SVOC	Benzo(b)fluoranthene	202-H06	Phase 1A	2	U (0.040) - 0.054	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 (0.040)	0.020	76	170
SVOC	Benzo(b)fluoranthene	301-AA06	Phase 1A	11	0.020 - 0.020	0.096	76	170
SVOC	Benzo(b)fluoranthene	301-AA07	Phase 1A	4	U (0.12) - 0.23	0.11	76	170
SVOC	Benzo(b)fluoranthene	301-AA08	Phase 1A	3	U (0.020) - 0.072	0.034	76	170
SVOC	Benzo(b)fluoranthene	301-AA09	Phase 1A	3	U (0.020) - 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-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 (0.88) - 11	5.7	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 - 0.0030	0.0028	76	170
SVOC	Benzo(b)fluoranthene	301-N02	Phase 1A	3	0.0077 - 2.0	0.67	76	170
SVOC	Benzo(b)fluoranthene	301-P02	Phase 1A	2	0.13 - 0.88	0.50	76	170
SVOC	Benzo(b)fluoranthene	301-Q04	Phase 1A	6	U (0.40) - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-T04	Phase 1A	2	U (0.090)	0.027	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-W03	Phase 1A	4	U (0.017) - 0.00088	0.0066	76	170
SVOC	Benzo(b)fluoranthene	301-X03	Phase 1A	3	0.057 - 0.057	0.025	76	170
SVOC	Benzo(b)fluoranthene	301-Y03	Phase 1A	2	U (0.040) - 0.088	0.054	76	170
SVOC	Benzo(b)fluoranthene	301-Y04	Phase 1A	3	U (0.020) - 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-Z04	Phase 1A	14	U (0.57) - 0.20	0.094	76	170
SVOC	Benzo(b)fluoranthene	302-AD08	Phase 1A	2	U (0.10)	0.050	76	170
SVOC	Benzo(b)fluoranthene	302-AD09	Phase 1A	3	U (0.10) - 0.018	0.029	76	170
SVOC	Benzo(b)fluoranthene	302-AD10	Phase 1A	4	0.15 - 2.1	0.68	76	170
SVOC	Benzo(b)fluoranthene	302-AE09	Phase 1A	4	U (0.12)	0.046	76	170
SVOC	Benzo(b)fluoranthene	302-AF06	Phase 1A	8	0.061 - 0.57	0.17	76	170
SVOC	Benzo(b)fluoranthene	302-AG07	Phase 1A	14	U (0.12) - 0.10	0.041	76	170
SVOC	Benzo(b)fluoranthene	302-AJ09	Phase 1A	13	U (57) - 4.4	3.8	76	170
SVOC	Benzo(b)fluoranthene	302-AK06	Phase 1A	3	U (0.42) - 2.0	1.3	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-AN02	Phase 1A	2	U (0.20)	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AO03	Phase 1A	2	U (0.042)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AQ02	Phase 1A	7	U (1.1)	0.13	76	170
SVOC	Benzo(b)fluoranthene	302-AR02	Phase 1A	4	U (0.12)	0.055	76	170
SVOC	Benzo(b)fluoranthene	302-AS03	Phase 1A	13	U (0.12) - 0.049	0.046	76	170
SVOC	Benzo(b)fluoranthene	302-AV01	Phase 1A	10	0.16 - 2.6	1.2	76	170
SVOC	Benzo(b)fluoranthene	302-AV03	Phase 1A	6	U (0.12)	0.059	76	170
SVOC	Benzo(b)fluoranthene	302-AW01	Phase 1A	8	0.43 - 14	2.5	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-AX05	Phase 1A	2	U (0.041)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AZ05	Phase 1A	2	U (0.41)	0.13	76	170
SVOC	Benzo(b)fluoranthene	302-BA05	Phase 1A	2	U (0.22)	0.064	76	170
SVOC	Benzo(b)fluoranthene	302-BC05	Phase 1A	7	U (0.039)	0.0068	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	0.82	76	170
SVOC	Benzo(b)fluoranthene	303-AZ01	Phase 1A	5	0.80 - 3.0	2.0	76	170
SVOC	Benzo(b)fluoranthene	303-BA01	Phase 1A	8	0.11 - 4.8	1.0	76	170
SVOC	Benzo(b)fluoranthene	303-BA02	Phase 1A	10	0.18 - 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 - 92	24	76	170
SVOC	Benzo(b)fluoranthene	303-BC01	Phase 1A	4	U (0.038) - 0.35	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	0.089 - 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 - 9.3	4.7	76	170
SVOC	Benzo(b)fluoranthene	303-BN02	Phase 1A	15	0.059 - 14	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-BP02	Phase 1A	32	0.014 - 11	1.5	76	170
SVOC	Benzo(b)fluoranthene	303-BQ01	Phase 1A	4	0.38 - 1.5	0.66	76	170
SVOC	Benzo(b)fluoranthene	303-BQ02	Phase 1A	15	0.0070 - 8.7	1.2	76	170
SVOC	Benzo(b)fluoranthene	303-BR02	Phase 1A	8	0.33 - 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	0.12 - 0.68	0.40	76	170
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) - 0.030	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	U (2.6) - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	201-C09	Phase 1A	7	U (0.14)	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	201-C10	Phase 1A	3	U (0.40) - 1.1	0.50	190000	180
SVOC	Benzo(g,h,i)perylene	201-D01	Phase 1A	4	U (0.42) - 0.32	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	201-D05	Phase 1A	4	U (17) - 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	0.029 - 0.69	0.13	190000	180
SVOC	Benzo(g,h,i)perylene	201-F02	Phase 1A	4	U (0.40)	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 (0.40)	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 (0.70)	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 (0.20) - 0.10	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) - 0.10	0.092	190000	180
SVOC	Benzo(g,h,i)perylene	202-D06	Phase 1A	11	U (2.0)	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
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) - 0.027	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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 (0.040)	0.020	190000	180
SVOC	Benzo(g,h,i)perylene	202-H06	Phase 1A	2	U (0.040) - 0.041	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) - 0.080	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	1.0 - 1.0	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 (0.040)	0.020	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) - 0.14	0.063	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA08	Phase 1A	3	U (0.020) - 0.068	0.029	190000	180
SVOC	Benzo(g,h,i)perylene	301-AA09	Phase 1A	3	U (0.020) - 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-AB06	Phase 1A	2	U (0.14)	0.070	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB07	Phase 1A	1	U (0.20)	0.10	190000	180
SVOC	Benzo(g,h,i)perylene	301-AB09	Phase 1A	2	U (0.88) - 3.1	1.6	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC04	Phase 1A	25	U (0.76) - 4.3	0.44	190000	180

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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	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	0.0040 - 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	0.10 - 0.10	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-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 - 0.41	0.27	190000	180
SVOC	Benzo(g,h,i)perylene	301-Q04	Phase 1A	6	U (0.40) - 2.5	0.52	190000	180
SVOC	Benzo(g,h,i)perylene	301-R02	Phase 1A	6	U (0.087) - 0.20	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-T04	Phase 1A	2	U (0.090)	0.027	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-W03	Phase 1A	4	U (0.017)	0.0067	190000	180
SVOC	Benzo(g,h,i)perylene	301-X03	Phase 1A	3	U (0.018) - 0.036	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y03	Phase 1A	2	U (0.040) - 0.081	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y04	Phase 1A	3	U (0.020) - 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-Z04	Phase 1A	14	U (0.76) - 0.14	0.11	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 (0.10) - 0.021	0.030	190000	180
SVOC	Benzo(g,h,i)perylene	302-AD10	Phase 1A	4	0.14 - 1.1	0.39	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-AF06	Phase 1A	8	0.039 - 0.22	0.099	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-AJ09	Phase 1A	13	U (57) - 2.0	3.4	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-AL06	Phase 1A	13	0.37 - 1.7	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	302-AN02	Phase 1A	2	U (0.20)	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AO03	Phase 1A	2	U (0.042)	0.020	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-AR02	Phase 1A	4	U (0.16)	0.074	190000	180
SVOC	Benzo(g,h,i)perylene	302-AS03	Phase 1A	13	U (0.16) - 0.034	0.058	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV01	Phase 1A	10	0.11 - 3.8	1.5	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-AW01	Phase 1A	8	U (2.1) - 5.9	1.1	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	0.11 - 8.1	1.9	190000	180
SVOC	Benzo(g,h,i)perylene	302-AX05	Phase 1A	2	U (0.041)	0.020	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-BA05	Phase 1A	2	U (0.22)	0.064	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-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	0.43	190000	180
SVOC	Benzo(g,h,i)perylene	303-AZ01	Phase 1A	5	0.43 - 2.0	1.4	190000	180
SVOC	Benzo(g,h,i)perylene	303-BA01	Phase 1A	8	0.093 - 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	1.0 - 1.4	1.2	190000	180
SVOC	Benzo(g,h,i)perylene	303-BB02	Phase 1A	5	0.020 - 41	10	190000	180
SVOC	Benzo(g,h,i)perylene	303-BC01	Phase 1A	4	U (0.038) - 0.17	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	0.060 - 1.3	0.48	190000	180
SVOC	Benzo(g,h,i)perylene	303-BK03	Phase 1A	7	0.20 - 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 - 5.4	2.7	190000	180
SVOC	Benzo(g,h,i)perylene	303-BN02	Phase 1A	15	0.033 - 5.3	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	0.0090 - 1.1	0.43	190000	180
SVOC	Benzo(g,h,i)perylene	303-BP02	Phase 1A	32	0.010 - 5.4	0.77	190000	180
SVOC	Benzo(g,h,i)perylene	303-BQ01	Phase 1A	4	0.30 - 1.3	0.55	190000	180
SVOC	Benzo(g,h,i)perylene	303-BQ02	Phase 1A	15	0.0050 - 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	0.020 - 0.29	0.094	190000	180
SVOC	Benzo(g,h,i)perylene	303-BW01	Phase 1A	2	0.082 - 0.27	0.18	190000	180
SVOC	Chrysene	201-A01	Phase 1A	7	U (0.12) - 0.40	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	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) - 0.0070	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) - 0.020	0.011	760	230
SVOC	Chrysene	201-C01	Phase 1A	14	U (1.2) - 0.70	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 - 12	4.2	760	230
SVOC	Chrysene	201-C07	Phase 1A	8	0.050 - 2.9	0.85	760	230
SVOC	Chrysene	201-C08	Phase 1A	11	0.016 - 9.0	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 (0.40) - 2.2	0.99	760	230
SVOC	Chrysene	201-D01	Phase 1A	4	U (0.42) - 1.2	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 - 0.96	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	0.080 - 0.16	0.12	760	230
SVOC	Chrysene	202-B02	Phase 1A	8	U (0.40)	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	0.20 - 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 (0.20) - 0.20	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 (2.0) - 1.0	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
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) - 0.026	0.022	760	230
SVOC	Chrysene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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) - 0.062	0.059	760	230
SVOC	Chrysene	202-H05	Phase 1A	1	U (0.040)	0.020	760	230
SVOC	Chrysene	202-H06	Phase 1A	2	U (0.040) - 0.079	0.049	760	230
SVOC	Chrysene	202-H07	Phase 1A	2	U (0.037) - 0.034	0.026	760	230

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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-AA06	Phase 1A	11	0.014 - 0.34	0.091	760	230
SVOC	Chrysene	301-AA07	Phase 1A	4	U (0.12) - 0.37	0.16	760	230
SVOC	Chrysene	301-AA08	Phase 1A	3	U (0.020) - 0.080	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-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 (0.88) - 12	6.1	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	0.020 - 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-N02	Phase 1A	3	0.013 - 1.4	0.48	760	230
SVOC	Chrysene	301-P02	Phase 1A	2	0.17 - 1.3	0.72	760	230
SVOC	Chrysene	301-Q04	Phase 1A	6	U (0.40) - 1.5	0.37	760	230
SVOC	Chrysene	301-R02	Phase 1A	6	U (0.087) - 0.60	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-T04	Phase 1A	2	U (0.090) - 0.096	0.053	760	230
SVOC	Chrysene	301-V04	Phase 1A	29	U (0.12) - 0.17	0.044	760	230
SVOC	Chrysene	301-W03	Phase 1A	4	U (0.017)	0.0068	760	230
SVOC	Chrysene	301-X03	Phase 1A	3	0.076 - 0.076	0.031	760	230
SVOC	Chrysene	301-Y03	Phase 1A	2	U (0.040) - 0.062	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-Z04	Phase 1A	14	0.033 - 0.50	0.16	760	230
SVOC	Chrysene	302-AD08	Phase 1A	2	U (0.10)	0.050	760	230
SVOC	Chrysene	302-AD09	Phase 1A	3	U (0.10) - 0.014	0.028	760	230
SVOC	Chrysene	302-AD10	Phase 1A	4	0.073 - 1.7	0.61	760	230
SVOC	Chrysene	302-AE09	Phase 1A	4	U (0.12)	0.046	760	230
SVOC	Chrysene	302-AF06	Phase 1A	8	0.044 - 0.44	0.16	760	230
SVOC	Chrysene	302-AG07	Phase 1A	14	U (0.12) - 0.23	0.056	760	230
SVOC	Chrysene	302-AJ09	Phase 1A	13	U (57) - 3.7	3.8	760	230
SVOC	Chrysene	302-AK06	Phase 1A	3	U (0.42) - 2.4	1.2	760	230
SVOC	Chrysene	302-AL06	Phase 1A	13	U (0.37) - 4.4	1.2	760	230
SVOC	Chrysene	302-AN02	Phase 1A	2	U (0.20)	0.058	760	230
SVOC	Chrysene	302-AO03	Phase 1A	2	U (0.042)	0.020	760	230
SVOC	Chrysene	302-AQ02	Phase 1A	7	U (1.1)	0.13	760	230
SVOC	Chrysene	302-AR02	Phase 1A	4	U (0.12) - 0.098	0.067	760	230
SVOC	Chrysene	302-AS03	Phase 1A	13	U (0.12) - 0.066	0.048	760	230
SVOC	Chrysene	302-AV01	Phase 1A	10	0.15 - 2.2	0.94	760	230
SVOC	Chrysene	302-AV03	Phase 1A	6	U (0.12) - 0.42	0.12	760	230
SVOC	Chrysene	302-AW01	Phase 1A	9	0.28 - 12	1.9	760	230
SVOC	Chrysene	302-AW03	Phase 1A	2	U (0.12)	0.060	760	230
SVOC	Chrysene	302-AX01	Phase 1A	13	0.041 - 38	5.5	760	230
SVOC	Chrysene	302-AX05	Phase 1A	2	U (0.041)	0.020	760	230
SVOC	Chrysene	302-AZ05	Phase 1A	2	U (0.41)	0.13	760	230
SVOC	Chrysene	302-BA05	Phase 1A	2	U (0.22)	0.064	760	230
SVOC	Chrysene	302-BC05	Phase 1A	7	U (0.039) - 0.0067	0.0067	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 - 3.0	1.8	760	230
SVOC	Chrysene	303-BA01	Phase 1A	8	0.042 - 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 - 2.0	1.7	760	230
SVOC	Chrysene	303-BB02	Phase 1A	5	0.032 - 72	19	760	230
SVOC	Chrysene	303-BC01	Phase 1A	4	U (0.038) - 0.34	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	303-BG04	Phase 1A	27	0.081 - 3.5	1.2	760	230
SVOC	Chrysene	303-BH02	Phase 1A	22	0.10 - 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	0.066 - 1.1	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	0.030 - 1.0	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	0.055 - 12	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 - 4.0	1.1	760	230
SVOC	Chrysene	303-BP02	Phase 1A	32	0.010 - 11	1.6	760	230
SVOC	Chrysene	303-BQ01	Phase 1A	4	0.40 - 1.1	0.56	760	230
SVOC	Chrysene	303-BQ02	Phase 1A	15	0.0050 - 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	0.092 - 0.36	0.23	760	230
SVOC	Fluorene	201-A01	Phase 1A	7	0.028 - 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 (0.20) - 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	0.0020 - 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) - 0.040	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	0.010 - 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 (0.0040) - 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	0.030 - 0.076	0.47	130000	3800
SVOC	Fluorene	201-C07	Phase 1A	8	0.17 - 2.0	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 (0.40) - 0.41	0.29	130000	3800
SVOC	Fluorene	201-D01	Phase 1A	4	U (0.42) - 0.61	0.34	130000	3800
SVOC	Fluorene	201-D05	Phase 1A	4	0.0054 - 5.0	2.4	130000	3800
SVOC	Fluorene	201-D12	Phase 1A	3	U (0.20)	0.093	130000	3800
SVOC	Fluorene	201-E01	Phase 1A	43	0.0011 - 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	0.10 - 2.0	0.61	130000	3800
SVOC	Fluorene	202-A05	Phase 1A	4	U (0.20) - 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 (0.20)	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 (0.20)	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	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 (2.0) - 2.8	0.86	130000	3800
SVOC	Fluorene	202-E06	Phase 1A	2	U (0.20)	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
SVOC	Fluorene	202-E15	Phase 1A	2	3.3 - 3.3	1.7	130000	3800

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 (0.20)	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 (0.40) - 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 (4.0) - 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 (0.20) - 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 - 6.1	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 (0.040)	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 (0.20)	0.090	130000	3800
SVOC	Fluorene	202-H11	Phase 1A	10	U (0.20) - 0.39	0.13	130000	3800
SVOC	Fluorene	202-I01	Phase 1A	2	U (0.20)	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 - 8.6	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 - 0.22	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) - 0.30	0.15	130000	3800
SVOC	Fluorene	301-AA01	Phase 1A	1	U (0.040)	0.020	130000	3800
SVOC	Fluorene	301-AA06	Phase 1A	11	0.0020 - 2.4	0.45	130000	3800
SVOC	Fluorene	301-AA07	Phase 1A	4	U (0.20) - 2.2	0.58	130000	3800
SVOC	Fluorene	301-AA08	Phase 1A	3	U (0.020) - 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-AB06	Phase 1A	2	U (0.18)	0.090	130000	3800
SVOC	Fluorene	301-AB07	Phase 1A	1	U (0.20)	0.10	130000	3800
SVOC	Fluorene	301-AB09	Phase 1A	2	U (0.88) - 2.6	1.3	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	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 - 8.0	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	0.060 - 0.74	0.15	130000	3800
SVOC	Fluorene	301-E02	Phase 1A	14	U (0.58) - 2.0	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	0.10 - 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-N02	Phase 1A	3	0.12 - 0.21	0.16	130000	3800
SVOC	Fluorene	301-P02	Phase 1A	2	0.22 - 8.0	4.1	130000	3800
SVOC	Fluorene	301-Q04	Phase 1A	6	U (0.40) - 0.16	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-T04	Phase 1A	2	U (0.090)	0.027	130000	3800
SVOC	Fluorene	301-V04	Phase 1A	29	U (0.20) - 0.51	0.090	130000	3800
SVOC	Fluorene	301-W03	Phase 1A	4	U (0.017) - 0.0090	0.0086	130000	3800
SVOC	Fluorene	301-X03	Phase 1A	3	0.52 - 0.52	0.18	130000	3800
SVOC	Fluorene	301-Y03	Phase 1A	2	U (0.040)	0.019	130000	3800
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-Z04	Phase 1A	14	0.10 - 4.7	0.95	130000	3800
SVOC	Fluorene	302-AD08	Phase 1A	2	U (0.17)	0.085	130000	3800
SVOC	Fluorene	302-AD09	Phase 1A	3	U (0.10)	0.029	130000	3800
SVOC	Fluorene	302-AD10	Phase 1A	4	0.19 - 2.1	0.80	130000	3800
SVOC	Fluorene	302-AE09	Phase 1A	4	U (0.20)	0.073	130000	3800
SVOC	Fluorene	302-AF06	Phase 1A	8	0.036 - 1.9	0.31	130000	3800
SVOC	Fluorene	302-AG07	Phase 1A	14	U (0.19) - 1.0	0.13	130000	3800
SVOC	Fluorene	302-AJ09	Phase 1A	13	0.39 - 17	4.6	130000	3800
SVOC	Fluorene	302-AK06	Phase 1A	3	U (0.42) - 0.50	0.27	130000	3800
SVOC	Fluorene	302-AL06	Phase 1A	13	0.20 - 0.40	0.26	130000	3800
SVOC	Fluorene	302-AN02	Phase 1A	2	U (0.20)	0.058	130000	3800
SVOC	Fluorene	302-AO03	Phase 1A	2	U (0.042)	0.020	130000	3800
SVOC	Fluorene	302-AQ02	Phase 1A	7	U (1.9) - 5.3	0.85	130000	3800
SVOC	Fluorene	302-AR02	Phase 1A	4	U (0.19) - 0.083	0.091	130000	3800
SVOC	Fluorene	302-AS03	Phase 1A	13	U (0.20) - 1.2	0.20	130000	3800

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AV01	Phase 1A	10	0.085 - 1.5	0.28	130000	3800
SVOC	Fluorene	302-AV03	Phase 1A	6	U (0.20) - 2.7	0.52	130000	3800
SVOC	Fluorene	302-AW01	Phase 1A	8	0.080 - 8.2	1.3	130000	3800
SVOC	Fluorene	302-AW03	Phase 1A	2	U (0.20)	0.098	130000	3800
SVOC	Fluorene	302-AX01	Phase 1A	11	U (0.26) - 58	11	130000	3800
SVOC	Fluorene	302-AX05	Phase 1A	2	U (0.041)	0.020	130000	3800
SVOC	Fluorene	302-AZ05	Phase 1A	2	U (0.41)	0.15	130000	3800
SVOC	Fluorene	302-BA05	Phase 1A	2	0.20 - 2.4	1.3	130000	3800
SVOC	Fluorene	302-BC05	Phase 1A	7	U (0.039) - 0.095	0.022	130000	3800
SVOC	Fluorene	302-BD05	Phase 1A	4	U (0.20)	0.098	130000	3800
SVOC	Fluorene	302-BE04	Phase 1A	5	U (0.20)	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) - 0.30	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	2.0 - 13	3.9	130000	3800
SVOC	Fluorene	303-BC01	Phase 1A	4	U (0.038) - 0.020	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	0.61	130000	3800
SVOC	Fluorene	303-BH02	Phase 1A	20	0.050 - 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	0.033 - 0.20	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	2.2 - 2.2	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	0.018 - 6.3	0.97	130000	3800
SVOC	Fluorene	303-BO02	Phase 1A	9	0.0090 - 6.3	1.1	130000	3800
SVOC	Fluorene	303-BP02	Phase 1A	32	0.0080 - 35	2.0	130000	3800
SVOC	Fluorene	303-BQ01	Phase 1A	4	0.23 - 5.6	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 (0.20) - 2.0	0.20	130000	3800
SVOC	Fluorene	303-BW01	Phase 1A	2	0.020 - 0.020	0.060	130000	3800
SVOC	Naphthalene	201-A01	Phase 1A	7	0.47 - 32	6.1	66	25
SVOC	Naphthalene	201-A02	Phase 1A	14	0.064 - 130	19	66	25
SVOC	Naphthalene	201-A03	Phase 1A	7	U (0.20) - 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	0.020 - 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 - 33	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	1.0 - 1.0	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	0.0040 - 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	0.038 - 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	0.50 - 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 (0.40) - 2.9	0.91	66	25
SVOC	Naphthalene	201-C11	Phase 1A	1	28 - 28	28	66	25
SVOC	Naphthalene	201-D01	Phase 1A	4	U (0.42) - 0.48	0.35	66	25
SVOC	Naphthalene	201-D05	Phase 1A	8	0.0026 - 69	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 (0.20)	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	201-E05	Phase 1A	22	0.0086 - 1.4	0.26	66	25
SVOC	Naphthalene	201-F01	Phase 1A	51	U (0.90) - 18	0.51	66	25
SVOC	Naphthalene	201-F02	Phase 1A	8	0.086 - 17	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 (1.3) - 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 (0.40)	0.16	66	25
SVOC	Naphthalene	202-A05	Phase 1A	4	U (0.20) - 0.062	0.043	66	25
SVOC	Naphthalene	202-A06	Phase 1A	4	U (0.19)	0.091	66	25
SVOC	Naphthalene	202-A07	Phase 1A	3	U (0.20)	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 (0.20)	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	0.54	66	25
SVOC	Naphthalene	202-C04	Phase 1A	15	U (1.0) - 0.23	0.11	66	25
SVOC	Naphthalene	202-C05	Phase 1A	10	U (0.33) - 3.0	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 (0.20)	0.093	66	25
SVOC	Naphthalene	202-E08	Phase 1A	13	0.050 - 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 (0.20) - 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 (0.20)	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 (0.40) - 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)	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	1.2 - 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 (0.040)	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 (0.20)	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 (0.20) - 2.7	0.37	66	25
SVOC	Naphthalene	202-I01	Phase 1A	2	U (0.20)	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 (0.20) - 0.13	0.10	66	25
SVOC	Naphthalene	202-J02	Phase 1A	5	U (0.22) - 0.20	0.12	66	25
SVOC	Naphthalene	202-J03	Phase 1A	11	0.0067 - 43	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	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-AA06	Phase 1A	11	0.0074 - 0.45	0.15	66	25
SVOC	Naphthalene	301-AA07	Phase 1A	4	U (0.20) - 4.4	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-AB06	Phase 1A	2	U (0.18)	0.090	66	25
SVOC	Naphthalene	301-AB07	Phase 1A	1	U (0.20)	0.10	66	25
SVOC	Naphthalene	301-AB09	Phase 1A	2	U (0.88) - 3.6	1.8	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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
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	0.00070 - 15	2.7	66	25
SVOC	Naphthalene	301-H02	Phase 1A	3	0.0060 - 0.0060	0.0023	66	25
SVOC	Naphthalene	301-H03	Phase 1A	2	0.17 - 9.0	4.6	66	25
SVOC	Naphthalene	301-I01	Phase 1A	9	U (2.2) - 8.0	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-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 - 0.50	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	0.92 - 1.9	1.4	66	25
SVOC	Naphthalene	301-Q04	Phase 1A	6	U (0.40) - 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-T04	Phase 1A	2	U (0.30)	0.076	66	25
SVOC	Naphthalene	301-V04	Phase 1A	30	U (1.3) - 6.6	0.32	66	25
SVOC	Naphthalene	301-W03	Phase 1A	4	U (0.27)	0.10	66	25
SVOC	Naphthalene	301-X03	Phase 1A	3	U (0.25)	0.079	66	25
SVOC	Naphthalene	301-Y03	Phase 1A	2	0.81 - 0.81	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	0.010 - 0.81	0.28	66	25
SVOC	Naphthalene	301-Z04	Phase 1A	14	0.13 - 9.0	1.7	66	25
SVOC	Naphthalene	302-AD08	Phase 1A	2	U (0.17)	0.085	66	25
SVOC	Naphthalene	302-AD09	Phase 1A	3	U (0.10)	0.029	66	25
SVOC	Naphthalene	302-AD10	Phase 1A	4	0.044 - 2.5	0.78	66	25
SVOC	Naphthalene	302-AE09	Phase 1A	4	U (0.20)	0.073	66	25
SVOC	Naphthalene	302-AF06	Phase 1A	9	U (1.9) - 9.3	1.1	66	25
SVOC	Naphthalene	302-AG07	Phase 1A	14	U (0.19) - 0.067	0.058	66	25
SVOC	Naphthalene	302-AJ09	Phase 1A	13	0.075 - 40	5.9	66	25
SVOC	Naphthalene	302-AK06	Phase 1A	3	U (0.26) - 0.13	0.096	66	25
SVOC	Naphthalene	302-AL06	Phase 1A	13	0.055 - 3.7	0.65	66	25
SVOC	Naphthalene	302-AN02	Phase 1A	2	U (0.20)	0.058	66	25
SVOC	Naphthalene	302-AO03	Phase 1A	2	U (0.042)	0.020	66	25
SVOC	Naphthalene	302-AQ02	Phase 1A	9	U (1.9) - 7.5	1.9	66	25
SVOC	Naphthalene	302-AR02	Phase 1A	4	U (0.19)	0.093	66	25
SVOC	Naphthalene	302-AS03	Phase 1A	13	U (0.20) - 0.30	0.085	66	25
SVOC	Naphthalene	302-AV01	Phase 1A	8	U (0.27) - 67	10	66	25
SVOC	Naphthalene	302-AV03	Phase 1A	6	U (0.20) - 6.6	1.2	66	25
SVOC	Naphthalene	302-AW01	Phase 1A	12	U (2.6) - 11	2.9	66	25
SVOC	Naphthalene	302-AW03	Phase 1A	2	U (0.20)	0.098	66	25
SVOC	Naphthalene	302-AX01	Phase 1A	9	U (0.24) - 5.2	2.4	66	25
SVOC	Naphthalene	302-AX05	Phase 1A	2	U (0.041)	0.020	66	25
SVOC	Naphthalene	302-AZ05	Phase 1A	4	U (0.41)	0.13	66	25
SVOC	Naphthalene	302-BA05	Phase 1A	2	0.28 - 6.2	3.2	66	25
SVOC	Naphthalene	302-BB06	Phase 1A	5	U (0.20) - 0.15	0.12	66	25
SVOC	Naphthalene	302-BC05	Phase 1A	19	U (0.27) - 1.9	0.14	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	0.16 - 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	0.030 - 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	0.52 - 0.52	0.19	66	25
SVOC	Naphthalene	303-BK03	Phase 1A	7	0.14 - 2.0	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	0.0060 - 0.014	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	0.010 - 7.8	0.96	66	25
SVOC	Naphthalene	303-BP02	Phase 1A	45	0.0018 - 7.5	1.3	66	25

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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
SVOC	Naphthalene	303-BR02	Phase 1A	8	0.076 - 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	0.039 - 0.039	0.069	66	25
SVOC	Phenanthrene	201-A01	Phase 1A	7	0.068 - 2.0	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	0.050 - 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
SVOC	Phenanthrene	201-A14	Phase 1A	9	0.026 - 3.0	0.89	190000	10000
SVOC	Phenanthrene	201-B02	Phase 1A	2	0.60 - 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) - 0.030	0.018	190000	10000
SVOC	Phenanthrene	201-C01	Phase 1A	14	U (1.2) - 5.0	0.88	190000	10000
SVOC	Phenanthrene	201-C04	Phase 1A	11	0.12 - 3.5	1.3	190000	10000
SVOC	Phenanthrene	201-C05	Phase 1A	3	0.040 - 1.7	0.82	190000	10000
SVOC	Phenanthrene	201-C07	Phase 1A	8	0.25 - 2.9	1.5	190000	10000
SVOC	Phenanthrene	201-C08	Phase 1A	11	0.0042 - 12	1.2	190000	10000
SVOC	Phenanthrene	201-C09	Phase 1A	7	U (0.11) - 0.025	0.047	190000	10000
SVOC	Phenanthrene	201-C10	Phase 1A	3	U (0.40) - 1.9	1.1	190000	10000
SVOC	Phenanthrene	201-D01	Phase 1A	4	U (0.42) - 1.3	0.69	190000	10000
SVOC	Phenanthrene	201-D05	Phase 1A	4	0.017 - 19	7.1	190000	10000
SVOC	Phenanthrene	201-D12	Phase 1A	3	U (0.12)	0.057	190000	10000
SVOC	Phenanthrene	201-E01	Phase 1A	43	0.0016 - 3.0	0.30	190000	10000
SVOC	Phenanthrene	201-E02	Phase 1A	1	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	201-E03	Phase 1A	3	0.040 - 0.24	0.16	190000	10000
SVOC	Phenanthrene	201-E04	Phase 1A	3	U (0.59) - 1.8	0.97	190000	10000
SVOC	Phenanthrene	201-E05	Phase 1A	22	0.0093 - 0.62	0.12	190000	10000
SVOC	Phenanthrene	201-F01	Phase 1A	36	0.021 - 23	1.0	190000	10000
SVOC	Phenanthrene	201-F02	Phase 1A	4	0.0088 - 31	8.2	190000	10000
SVOC	Phenanthrene	201-F03	Phase 1A	25	0.013 - 4.0	0.31	190000	10000
SVOC	Phenanthrene	201-F04	Phase 1A	21	U (0.41) - 5.4	0.60	190000	10000
SVOC	Phenanthrene	202-A03	Phase 1A	8	0.079 - 2.3	0.91	190000	10000
SVOC	Phenanthrene	202-A04	Phase 1A	4	0.10 - 2.9	0.96	190000	10000
SVOC	Phenanthrene	202-A05	Phase 1A	4	0.0014 - 1.2	0.32	190000	10000
SVOC	Phenanthrene	202-A06	Phase 1A	4	U (0.12)	0.055	190000	10000
SVOC	Phenanthrene	202-A07	Phase 1A	3	U (0.12) - 0.028	0.049	190000	10000
SVOC	Phenanthrene	202-A08	Phase 1A	3	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	202-A09	Phase 1A	6	U (0.12)	0.059	190000	10000
SVOC	Phenanthrene	202-B01	Phase 1A	2	0.092 - 0.11	0.10	190000	10000
SVOC	Phenanthrene	202-B02	Phase 1A	8	0.32 - 1.3	0.58	190000	10000
SVOC	Phenanthrene	202-B03	Phase 1A	15	0.21 - 1.9	0.27	190000	10000
SVOC	Phenanthrene	202-B04	Phase 1A	3	0.16 - 1.0	0.40	190000	10000
SVOC	Phenanthrene	202-B05	Phase 1A	4	0.058 - 0.13	0.057	190000	10000
SVOC	Phenanthrene	202-B09	Phase 1A	9	U (0.59) - 3.7	0.58	190000	10000
SVOC	Phenanthrene	202-C04	Phase 1A	15	U (3.7) - 0.77	0.32	190000	10000
SVOC	Phenanthrene	202-C05	Phase 1A	10	0.071 - 1.8	0.71	190000	10000
SVOC	Phenanthrene	202-C06	Phase 1A	4	0.096 - 0.25	0.11	190000	10000
SVOC	Phenanthrene	202-C07	Phase 1A	8	U (0.39) - 4.2	0.87	190000	10000
SVOC	Phenanthrene	202-C08	Phase 1A	4	0.59 - 1.2	0.67	190000	10000
SVOC	Phenanthrene	202-C10	Phase 1A	1	U (0.38)	0.19	190000	10000
SVOC	Phenanthrene	202-D05	Phase 1A	5	U (0.36) - 28	5.8	190000	10000
SVOC	Phenanthrene	202-D06	Phase 1A	11	U (2.0) - 5.9	1.9	190000	10000
SVOC	Phenanthrene	202-E06	Phase 1A	2	U (0.12)	0.055	190000	10000
SVOC	Phenanthrene	202-E08	Phase 1A	13	U (0.38) - 0.53	0.13	190000	10000
SVOC	Phenanthrene	202-E09	Phase 1A	16	U (0.41) - 1.4	0.25	190000	10000
SVOC	Phenanthrene	202-E10	Phase 1A	6	U (0.45) - 1.9	0.60	190000	10000
SVOC	Phenanthrene	202-E11	Phase 1A	2	U (0.41) - 2.0	1.1	190000	10000
SVOC	Phenanthrene	202-E12	Phase 1A	4	U (0.42) - 0.72	0.24	190000	10000
SVOC	Phenanthrene	202-E13	Phase 1A	2	2.3 - 2.5	2.4	190000	10000
SVOC	Phenanthrene	202-E15	Phase 1A	2	3.9 - 3.9	2.0	190000	10000
SVOC	Phenanthrene	202-F01	Phase 1A	7	1.5 - 1.9	1.0	190000	10000
SVOC	Phenanthrene	202-F04	Phase 1A	10	0.054 - 0.88	0.22	190000	10000
SVOC	Phenanthrene	202-F05	Phase 1A	2	U (0.11)	0.038	190000	10000
SVOC	Phenanthrene	202-F06	Phase 1A	2	0.17 - 0.17	0.19	190000	10000
SVOC	Phenanthrene	202-F07	Phase 1A	17	0.048 - 13	1.3	190000	10000
SVOC	Phenanthrene	202-F08	Phase 1A	4	U (0.12) - 0.034	0.034	190000	10000
SVOC	Phenanthrene	202-F10	Phase 1A	2	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	202-F14	Phase 1A	2	U (0.038) - 0.024	0.021	190000	10000
SVOC	Phenanthrene	202-F16	Phase 1A	4	U (0.40) - 1.6	0.62	190000	10000
SVOC	Phenanthrene	202-F17	Phase 1A	8	U (0.11)	0.054	190000	10000
SVOC	Phenanthrene	202-G01	Phase 1A	8	U (0.21)	0.060	190000	10000
SVOC	Phenanthrene	202-G02	Phase 1A	14	U (2.4) - 29	2.1	190000	10000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-G03	Phase 1A	9	U (0.11)	0.048	190000	10000
SVOC	Phenanthrene	202-G04	Phase 1A	3	U (0.20) - 2.0	0.85	190000	10000
SVOC	Phenanthrene	202-G05	Phase 1A	6	U (0.41) - 1.5	0.80	190000	10000
SVOC	Phenanthrene	202-G07	Phase 1A	16	0.043 - 1.7	0.22	190000	10000
SVOC	Phenanthrene	202-H01	Phase 1A	2	0.55 - 1.0	0.78	190000	10000
SVOC	Phenanthrene	202-H03	Phase 1A	10	2.5 - 22	5.4	190000	10000
SVOC	Phenanthrene	202-H05	Phase 1A	8	0.034 - 14	2.4	190000	10000
SVOC	Phenanthrene	202-H06	Phase 1A	2	U (0.040) - 0.10	0.062	190000	10000
SVOC	Phenanthrene	202-H07	Phase 1A	2	U (0.037) - 0.040	0.029	190000	10000
SVOC	Phenanthrene	202-H08	Phase 1A	3	U (0.12)	0.053	190000	10000
SVOC	Phenanthrene	202-H11	Phase 1A	10	U (0.12) - 0.99	0.22	190000	10000
SVOC	Phenanthrene	202-I01	Phase 1A	2	U (0.12)	0.058	190000	10000
SVOC	Phenanthrene	202-I04	Phase 1A	4	U (0.11)	0.053	190000	10000
SVOC	Phenanthrene	202-J03	Phase 1A	7	1.8 - 20	7.9	190000	10000
SVOC	Phenanthrene	202-J04	Phase 1A	8	0.20 - 38	9.2	190000	10000
SVOC	Phenanthrene	202-J05	Phase 1A	6	0.0051 - 0.18	0.084	190000	10000
SVOC	Phenanthrene	202-J07	Phase 1A	7	0.024 - 0.59	0.26	190000	10000
SVOC	Phenanthrene	202-J08	Phase 1A	1	1.5 - 1.5	1.5	190000	10000
SVOC	Phenanthrene	202-J09	Phase 1A	2	U (0.022) - 1.8	0.90	190000	10000
SVOC	Phenanthrene	301-AA01	Phase 1A	1	0.018 - 0.018	0.018	190000	10000
SVOC	Phenanthrene	301-AA06	Phase 1A	11	0.0092 - 2.5	0.49	190000	10000
SVOC	Phenanthrene	301-AA07	Phase 1A	4	0.028 - 7.0	1.8	190000	10000
SVOC	Phenanthrene	301-AA08	Phase 1A	3	U (0.020) - 0.16	0.11	190000	10000
SVOC	Phenanthrene	301-AA09	Phase 1A	3	0.019 - 0.35	0.20	190000	10000
SVOC	Phenanthrene	301-AB04	Phase 1A	3	0.057 - 0.36	0.20	190000	10000
SVOC	Phenanthrene	301-AB06	Phase 1A	2	U (0.11)	0.055	190000	10000
SVOC	Phenanthrene	301-AB07	Phase 1A	1	0.48 - 0.48	0.48	190000	10000
SVOC	Phenanthrene	301-AB09	Phase 1A	2	U (0.88) - 3.6	1.8	190000	10000
SVOC	Phenanthrene	301-AC04	Phase 1A	25	U (0.57) - 12	0.79	190000	10000
SVOC	Phenanthrene	301-AC07	Phase 1A	10	U (0.56) - 6.0	0.81	190000	10000
SVOC	Phenanthrene	301-AC08	Phase 1A	7	0.13 - 26	3.9	190000	10000
SVOC	Phenanthrene	301-AC09	Phase 1A	6	0.00089 - 0.0098	0.0045	190000	10000
SVOC	Phenanthrene	301-B01	Phase 1A	1	U (0.018)	0.0090	190000	10000
SVOC	Phenanthrene	301-C01	Phase 1A	3	0.025 - 26	8.7	190000	10000
SVOC	Phenanthrene	301-C02	Phase 1A	7	U (0.39) - 0.26	0.11	190000	10000
SVOC	Phenanthrene	301-D01	Phase 1A	13	0.054 - 4.2	0.49	190000	10000
SVOC	Phenanthrene	301-E02	Phase 1A	14	U (0.35) - 3.0	0.37	190000	10000
SVOC	Phenanthrene	301-E03	Phase 1A	4	0.0060 - 2.3	0.74	190000	10000
SVOC	Phenanthrene	301-G01	Phase 1A	2	0.011 - 0.087	0.049	190000	10000
SVOC	Phenanthrene	301-G02	Phase 1A	3	0.16 - 0.75	0.39	190000	10000
SVOC	Phenanthrene	301-G03	Phase 1A	1	0.49 - 0.49	0.49	190000	10000
SVOC	Phenanthrene	301-H02	Phase 1A	3	0.0029 - 0.37	0.20	190000	10000
SVOC	Phenanthrene	301-H03	Phase 1A	2	0.039 - 0.039	0.027	190000	10000
SVOC	Phenanthrene	301-N02	Phase 1A	3	0.25 - 1.3	0.62	190000	10000
SVOC	Phenanthrene	301-P02	Phase 1A	2	0.35 - 13	6.5	190000	10000
SVOC	Phenanthrene	301-Q04	Phase 1A	6	U (0.40) - 1.2	0.35	190000	10000
SVOC	Phenanthrene	301-R02	Phase 1A	6	U (0.087) - 0.11	0.040	190000	10000
SVOC	Phenanthrene	301-S02	Phase 1A	4	0.059 - 0.059	0.030	190000	10000
SVOC	Phenanthrene	301-S03	Phase 1A	1	0.084 - 0.084	0.084	190000	10000
SVOC	Phenanthrene	301-T04	Phase 1A	2	0.034 - 0.11	0.072	190000	10000
SVOC	Phenanthrene	301-V04	Phase 1A	29	U (0.12) - 0.45	0.078	190000	10000
SVOC	Phenanthrene	301-W03	Phase 1A	4	0.018 - 0.038	0.024	190000	10000
SVOC	Phenanthrene	301-X03	Phase 1A	3	0.019 - 0.74	0.26	190000	10000
SVOC	Phenanthrene	301-Y03	Phase 1A	2	0.038 - 0.69	0.36	190000	10000
SVOC	Phenanthrene	301-Y04	Phase 1A	3	0.023 - 0.45	0.17	190000	10000
SVOC	Phenanthrene	301-Y05	Phase 1A	6	0.0098 - 1.8	0.46	190000	10000
SVOC	Phenanthrene	301-Z04	Phase 1A	14	0.26 - 9.8	2.1	190000	10000
SVOC	Phenanthrene	302-AD08	Phase 1A	2	U (0.10)	0.050	190000	10000
SVOC	Phenanthrene	302-AD09	Phase 1A	3	U (0.10)	0.029	190000	10000
SVOC	Phenanthrene	302-AD10	Phase 1A	4	0.58 - 3.0	1.6	190000	10000
SVOC	Phenanthrene	302-AE09	Phase 1A	4	U (0.12)	0.046	190000	10000
SVOC	Phenanthrene	302-AF06	Phase 1A	8	0.032 - 4.8	0.75	190000	10000
SVOC	Phenanthrene	302-AG07	Phase 1A	14	U (0.12) - 2.2	0.19	190000	10000
SVOC	Phenanthrene	302-AJ09	Phase 1A	13	0.38 - 230	25	190000	10000
SVOC	Phenanthrene	302-AK06	Phase 1A	3	U (0.42) - 4.7	1.9	190000	10000
SVOC	Phenanthrene	302-AL06	Phase 1A	13	0.35 - 10	1.6	190000	10000
SVOC	Phenanthrene	302-AN02	Phase 1A	2	U (0.20)	0.058	190000	10000
SVOC	Phenanthrene	302-AO03	Phase 1A	2	U (0.042)	0.020	190000	10000
SVOC	Phenanthrene	302-AQ02	Phase 1A	7	U (1.1) - 12	1.8	190000	10000
SVOC	Phenanthrene	302-AR02	Phase 1A	4	U (0.12) - 0.22	0.098	190000	10000
SVOC	Phenanthrene	302-AS03	Phase 1A	13	U (0.12) - 2.2	0.30	190000	10000
SVOC	Phenanthrene	302-AV01	Phase 1A	10	0.17 - 4.5	1.4	190000	10000
SVOC	Phenanthrene	302-AV03	Phase 1A	6	U (0.12) - 5.2	0.92	190000	10000
SVOC	Phenanthrene	302-AW01	Phase 1A	9	0.48 - 28	4.2	190000	10000
SVOC	Phenanthrene	302-AW03	Phase 1A	2	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	302-AX01	Phase 1A	13	U (0.16) - 62	13	190000	10000
SVOC	Phenanthrene	302-AX05	Phase 1A	2	U (0.041)	0.020	190000	10000
SVOC	Phenanthrene	302-AZ05	Phase 1A	2	U (0.41) - 0.46	0.26	190000	10000
SVOC	Phenanthrene	302-BA05	Phase 1A	2	0.48 - 5.7	3.1	190000	10000
SVOC	Phenanthrene	302-BC05	Phase 1A	7	U (0.039) - 0.29	0.057	190000	10000
SVOC	Phenanthrene	302-BD05	Phase 1A	4	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	302-BE04	Phase 1A	5	U (0.19) - 0.055	0.055	190000	10000
SVOC	Phenanthrene	303-AY01	Phase 1A	4	0.16 - 2.4	0.82	190000	10000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AZ01	Phase 1A	5	0.72 - 8.4	4.7	190000	10000
SVOC	Phenanthrene	303-BA01	Phase 1A	8	0.030 - 1.2	0.52	190000	10000
SVOC	Phenanthrene	303-BA02	Phase 1A	11	0.12 - 180	27	190000	10000
SVOC	Phenanthrene	303-BB01	Phase 1A	2	0.99 - 1.7	1.3	190000	10000
SVOC	Phenanthrene	303-BB02	Phase 1A	5	0.13 - 124	32	190000	10000
SVOC	Phenanthrene	303-BC01	Phase 1A	4	U (0.038) - 0.37	0.13	190000	10000
SVOC	Phenanthrene	303-BD04	Phase 1A	9	0.14 - 11	2.5	190000	10000
SVOC	Phenanthrene	303-BE03	Phase 1A	44	0.053 - 18	2.7	190000	10000
SVOC	Phenanthrene	303-BF05	Phase 1A	16	0.031 - 15	2.8	190000	10000
SVOC	Phenanthrene	303-BG04	Phase 1A	27	0.075 - 8.2	2.2	190000	10000
SVOC	Phenanthrene	303-BH02	Phase 1A	22	0.19 - 150	8.5	190000	10000
SVOC	Phenanthrene	303-BI03	Phase 1A	6	0.82 - 4.6	2.1	190000	10000
SVOC	Phenanthrene	303-BJ01	Phase 1A	3	29 - 36	32	190000	10000
SVOC	Phenanthrene	303-BJ02	Phase 1A	3	0.035 - 1.2	0.52	190000	10000
SVOC	Phenanthrene	303-BK03	Phase 1A	7	0.39 - 3.5	1.5	190000	10000
SVOC	Phenanthrene	303-BL02	Phase 1A	10	0.062 - 8.9	1.4	190000	10000
SVOC	Phenanthrene	303-BM02	Phase 1A	2	0.016 - 15	7.7	190000	10000
SVOC	Phenanthrene	303-BN02	Phase 1A	15	0.023 - 20	3.4	190000	10000
SVOC	Phenanthrene	303-BN03	Phase 1A	14	0.028 - 17	2.5	190000	10000
SVOC	Phenanthrene	303-BO02	Phase 1A	9	0.020 - 13	2.0	190000	10000
SVOC	Phenanthrene	303-BP02	Phase 1A	32	0.010 - 31	4.0	190000	10000
SVOC	Phenanthrene	303-BQ01	Phase 1A	4	0.38 - 10	3.2	190000	10000
SVOC	Phenanthrene	303-BQ02	Phase 1A	15	0.0040 - 46	5.3	190000	10000
SVOC	Phenanthrene	303-BR02	Phase 1A	8	0.17 - 120	16	190000	10000
SVOC	Phenanthrene	303-BT01	Phase 1A	13	0.0060 - 4.3	0.39	190000	10000
SVOC	Phenanthrene	303-BW01	Phase 1A	2	0.075 - 0.40	0.24	190000	10000
SVOC	Pyrene	201-A01	Phase 1A	7	0.032 - 0.64	0.16	96000	2200
SVOC	Pyrene	201-A02	Phase 1A	14	0.022 - 1.9	0.36	96000	2200
SVOC	Pyrene	201-A03	Phase 1A	7	U (0.12) - 0.16	0.092	96000	2200
SVOC	Pyrene	201-A04	Phase 1A	29	0.027 - 1.8	0.42	96000	2200
SVOC	Pyrene	201-A05	Phase 1A	9	0.0032 - 0.19	0.064	96000	2200
SVOC	Pyrene	201-A06	Phase 1A	7	0.0031 - 0.21	0.070	96000	2200
SVOC	Pyrene	201-A07	Phase 1A	9	0.0055 - 0.12	0.039	96000	2200
SVOC	Pyrene	201-A08	Phase 1A	7	0.00080 - 0.22	0.046	96000	2200
SVOC	Pyrene	201-A09	Phase 1A	7	0.0010 - 0.52	0.085	96000	2200
SVOC	Pyrene	201-A10	Phase 1A	3	U (0.039) - 0.62	0.21	96000	2200
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	0.23	96000	2200
SVOC	Pyrene	201-A13	Phase 1A	4	U (0.041) - 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	0.010 - 25	8.6	96000	2200
SVOC	Pyrene	201-C07	Phase 1A	8	0.16 - 3.0	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 (0.40) - 3.7	1.6	96000	2200
SVOC	Pyrene	201-D01	Phase 1A	4	U (0.42) - 1.3	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	0.0060 - 1.1	0.37	96000	2200
SVOC	Pyrene	201-F03	Phase 1A	25	0.0044 - 0.20	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	0.33	96000	2200
SVOC	Pyrene	202-A05	Phase 1A	4	0.0020 - 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	0.10 - 0.22	0.16	96000	2200
SVOC	Pyrene	202-B02	Phase 1A	8	U (0.40) - 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	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 (0.50) - 1.6	0.49	96000	2200
SVOC	Pyrene	202-C08	Phase 1A	4	0.20 - 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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-D06	Phase 1A	11	U (2.0) - 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) - 0.030	0.024	96000	2200
SVOC	Pyrene	202-F16	Phase 1A	4	U (0.40) - 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 (0.20)	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	0.70 - 1.1	0.40	96000	2200
SVOC	Pyrene	202-H05	Phase 1A	1	U (0.040)	0.020	96000	2200
SVOC	Pyrene	202-H06	Phase 1A	2	0.12 - 0.12	0.070	96000	2200
SVOC	Pyrene	202-H07	Phase 1A	2	U (0.037) - 0.048	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 - 2.7	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
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	0.020 - 0.020	0.020	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) - 1.4	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	0.039 - 0.26	0.10	96000	2200
SVOC	Pyrene	301-AB04	Phase 1A	3	U (0.37)	0.18	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 (0.88) - 16	8.1	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	0.032 - 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	0.0070 - 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 (0.60)	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-N02	Phase 1A	3	0.034 - 2.1	0.73	96000	2200
SVOC	Pyrene	301-P02	Phase 1A	2	0.15 - 3.8	2.0	96000	2200
SVOC	Pyrene	301-Q04	Phase 1A	6	U (0.40) - 2.3	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-T04	Phase 1A	2	U (0.090) - 0.12	0.065	96000	2200
SVOC	Pyrene	301-V04	Phase 1A	29	U (0.60) - 0.19	0.057	96000	2200
SVOC	Pyrene	301-W03	Phase 1A	4	0.021 - 0.024	0.014	96000	2200
SVOC	Pyrene	301-X03	Phase 1A	3	U (0.018) - 0.13	0.049	96000	2200
SVOC	Pyrene	301-Y03	Phase 1A	2	0.071 - 0.10	0.088	96000	2200
SVOC	Pyrene	301-Y04	Phase 1A	3	0.039 - 0.080	0.043	96000	2200
SVOC	Pyrene	301-Y05	Phase 1A	6	U (0.12) - 0.14	0.054	96000	2200
SVOC	Pyrene	301-Z04	Phase 1A	14	0.026 - 1.2	0.26	96000	2200
SVOC	Pyrene	302-AD08	Phase 1A	2	U (0.10)	0.050	96000	2200
SVOC	Pyrene	302-AD09	Phase 1A	3	U (0.10)	0.029	96000	2200
SVOC	Pyrene	302-AD10	Phase 1A	4	0.079 - 2.9	0.91	96000	2200
SVOC	Pyrene	302-AE09	Phase 1A	4	U (0.12)	0.046	96000	2200
SVOC	Pyrene	302-AF06	Phase 1A	8	0.054 - 0.68	0.26	96000	2200
SVOC	Pyrene	302-AG07	Phase 1A	14	U (0.12) - 0.37	0.068	96000	2200

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AJ09	Phase 1A	13	0.26 - 37	5.6	96000	2200
SVOC	Pyrene	302-AK06	Phase 1A	3	U (0.42) - 3.6	1.6	96000	2200
SVOC	Pyrene	302-AL06	Phase 1A	13	U (0.37) - 7.3	1.6	96000	2200
SVOC	Pyrene	302-AN02	Phase 1A	2	U (0.20)	0.058	96000	2200
SVOC	Pyrene	302-AO03	Phase 1A	2	U (0.042)	0.020	96000	2200
SVOC	Pyrene	302-AQ02	Phase 1A	7	U (1.1) - 0.50	0.12	96000	2200
SVOC	Pyrene	302-AR02	Phase 1A	4	U (0.12) - 0.11	0.070	96000	2200
SVOC	Pyrene	302-AS03	Phase 1A	13	U (0.12) - 0.20	0.065	96000	2200
SVOC	Pyrene	302-AV01	Phase 1A	10	0.28 - 4.4	1.8	96000	2200
SVOC	Pyrene	302-AV03	Phase 1A	6	U (0.12) - 0.43	0.12	96000	2200
SVOC	Pyrene	302-AW01	Phase 1A	9	0.44 - 26	3.6	96000	2200
SVOC	Pyrene	302-AW03	Phase 1A	2	U (0.12)	0.060	96000	2200
SVOC	Pyrene	302-AX01	Phase 1A	13	0.040 - 160	17	96000	2200
SVOC	Pyrene	302-AX05	Phase 1A	2	U (0.041)	0.020	96000	2200
SVOC	Pyrene	302-AZ05	Phase 1A	2	U (0.41)	0.13	96000	2200
SVOC	Pyrene	302-BA05	Phase 1A	2	0.042 - 0.57	0.30	96000	2200
SVOC	Pyrene	302-BC05	Phase 1A	7	U (0.039) - 0.040	0.014	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) - 0.070	0.057	96000	2200
SVOC	Pyrene	303-AY01	Phase 1A	4	0.23 - 2.8	0.99	96000	2200
SVOC	Pyrene	303-AZ01	Phase 1A	5	0.67 - 4.7	2.6	96000	2200
SVOC	Pyrene	303-BA01	Phase 1A	8	0.042 - 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 - 3.0	2.5	96000	2200
SVOC	Pyrene	303-BB02	Phase 1A	5	0.035 - 137	36	96000	2200
SVOC	Pyrene	303-BC01	Phase 1A	4	0.016 - 0.99	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	0.060 - 10	2.2	96000	2200
SVOC	Pyrene	303-BG04	Phase 1A	27	0.10 - 7.0	1.9	96000	2200
SVOC	Pyrene	303-BH02	Phase 1A	22	0.20 - 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	0.071 - 1.3	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 - 17	8.3	96000	2200
SVOC	Pyrene	303-BN02	Phase 1A	15	0.089 - 15	2.6	96000	2200
SVOC	Pyrene	303-BN03	Phase 1A	14	0.033 - 4.9	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	2.7	96000	2200
SVOC	Pyrene	303-BQ01	Phase 1A	4	1.1 - 1.6	0.99	96000	2200
SVOC	Pyrene	303-BQ02	Phase 1A	15	0.0070 - 11	1.9	96000	2200
SVOC	Pyrene	303-BR02	Phase 1A	8	0.30 - 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	0.12 - 0.50	0.31	96000	2200
INORG	Lead	201-A01	Phase 1A	7	6.6 - 178	36	1000	450
INORG	Lead	201-A02	Phase 1A	14	5.8 - 2740	288	1000	450
INORG	Lead	201-A03	Phase 1A	7	6.7 - 1580	258	1000	450
INORG	Lead	201-A04	Phase 1A	24	6.6 - 1050	159	1000	450
INORG	Lead	201-A05	Phase 1A	12	2.3 - 2500	358	1000	450
INORG	Lead	201-A06	Phase 1A	10	5.7 - 153	31	1000	450
INORG	Lead	201-A07	Phase 1A	9	5.2 - 37	12	1000	450
INORG	Lead	201-A08	Phase 1A	9	4.4 - 2110	270	1000	450
INORG	Lead	201-A09	Phase 1A	7	7.5 - 99	31	1000	450
INORG	Lead	201-A10	Phase 1A	8	5.2 - 449	125	1000	450
INORG	Lead	201-A11	Phase 1A	9	6.9 - 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	2.0 - 419	95	1000	450
INORG	Lead	201-B01	Phase 1A	4	7.5 - 1500	422	1000	450
INORG	Lead	201-B02	Phase 1A	8	7.9 - 60	19	1000	450
INORG	Lead	201-B03	Phase 1A	1	11 - 11	11	1000	450
INORG	Lead	201-B04	Phase 1A	9	7.3 - 90	29	1000	450
INORG	Lead	201-B05	Phase 1A	3	19 - 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 - 25	15	1000	450
INORG	Lead	201-C01	Phase 1A	15	5.7 - 5150	461	1000	450
INORG	Lead	201-C02	Phase 1A	2	40 - 258	149	1000	450
INORG	Lead	201-C04	Phase 1A	10	3.4 - 41	17	1000	450
INORG	Lead	201-C05	Phase 1A	3	10 - 228	84	1000	450
INORG	Lead	201-C06	Phase 1A	15	3.3 - 1780	371	1000	450
INORG	Lead	201-C07	Phase 1A	12	123 - 3920	767	1000	450
INORG	Lead	201-C08	Phase 1A	14	2.9 - 402	48	1000	450
INORG	Lead	201-C09	Phase 1A	7	2.7 - 36	8.8	1000	450
INORG	Lead	201-C10	Phase 1A	4	8.5 - 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	5.4 - 160000	18180	1000	450

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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	12	1000	450
INORG	Lead	201-E05	Phase 1A	22	2.2 - 1510	145	1000	450
INORG	Lead	201-F01	Phase 1A	53	2.1 - 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	3.8 - 19	7.7	1000	450
INORG	Lead	202-A05	Phase 1A	4	10 - 74	27	1000	450
INORG	Lead	202-A06	Phase 1A	4	2.2 - 7.4	5.0	1000	450
INORG	Lead	202-A07	Phase 1A	3	4.3 - 11	7.3	1000	450
INORG	Lead	202-A08	Phase 1A	3	5.1 - 7.6	6.5	1000	450
INORG	Lead	202-A09	Phase 1A	6	5.8 - 14	7.8	1000	450
INORG	Lead	202-B01	Phase 1A	2	47 - 110	78	1000	450
INORG	Lead	202-B03	Phase 1A	15	1.2 - 89	9.1	1000	450
INORG	Lead	202-B04	Phase 1A	3	1.5 - 1.8	1.6	1000	450
INORG	Lead	202-B09	Phase 1A	9	4.0 - 13	7.0	1000	450
INORG	Lead	202-C04	Phase 1A	7	13 - 295	119	1000	450
INORG	Lead	202-C06	Phase 1A	1	5.9 - 5.9	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	25 - 25	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	2.4 - 25	13	1000	450
INORG	Lead	202-E08	Phase 1A	11	1.0 - 46	9.6	1000	450
INORG	Lead	202-E09	Phase 1A	13	1.7 - 60	14	1000	450
INORG	Lead	202-E10	Phase 1A	4	5.6 - 89	28	1000	450
INORG	Lead	202-E12	Phase 1A	2	1.4 - 2.4	1.9	1000	450
INORG	Lead	202-F04	Phase 1A	7	6.8 - 3200	502	1000	450
INORG	Lead	202-F05	Phase 1A	1	52 - 52	52	1000	450
INORG	Lead	202-F07	Phase 1A	14	7.2 - 8400	1288	1000	450
INORG	Lead	202-F08	Phase 1A	2	16 - 1140	578	1000	450
INORG	Lead	202-F10	Phase 1A	2	6.4 - 61	34	1000	450
INORG	Lead	202-F14	Phase 1A	2	13 - 399	206	1000	450
INORG	Lead	202-F16	Phase 1A	2	6.7 - 9.0	7.8	1000	450
INORG	Lead	202-F17	Phase 1A	8	2.0 - 3.0	2.4	1000	450
INORG	Lead	202-G01	Phase 1A	8	1.3 - 150	27	1000	450
INORG	Lead	202-G02	Phase 1A	13	1.5 - 17	5.6	1000	450
INORG	Lead	202-G03	Phase 1A	9	1.5 - 11	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	1.8 - 82	8.2	1000	450
INORG	Lead	202-H01	Phase 1A	40	49 - 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 - 134	60	1000	450
INORG	Lead	202-H06	Phase 1A	2	10 - 494	252	1000	450
INORG	Lead	202-H07	Phase 1A	2	9.2 - 1620	815	1000	450
INORG	Lead	202-H08	Phase 1A	4	3.1 - 1080	273	1000	450
INORG	Lead	202-H11	Phase 1A	10	1.7 - 162	20	1000	450
INORG	Lead	202-I01	Phase 1A	2	1.8 - 4.5	3.2	1000	450
INORG	Lead	202-I04	Phase 1A	4	3.1 - 6.8	4.2	1000	450
INORG	Lead	202-J03	Phase 1A	6	3.4 - 156	41	1000	450
INORG	Lead	202-J04	Phase 1A	8	6.9 - 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 - 16	16	1000	450
INORG	Lead	301-AA06	Phase 1A	11	2.5 - 15	5.5	1000	450
INORG	Lead	301-AA07	Phase 1A	4	4.8 - 180	50	1000	450
INORG	Lead	301-AA08	Phase 1A	3	7.0 - 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 - 13	8.6	1000	450
INORG	Lead	301-AB06	Phase 1A	2	2.9 - 2.9	2.9	1000	450
INORG	Lead	301-AB07	Phase 1A	1	166 - 166	166	1000	450
INORG	Lead	301-AB09	Phase 1A	5	9.0 - 9630	2015	1000	450
INORG	Lead	301-AC04	Phase 1A	25	6.3 - 2270	315	1000	450
INORG	Lead	301-AC07	Phase 1A	10	10 - 215	92	1000	450
INORG	Lead	301-AC08	Phase 1A	8	7.0 - 125	49	1000	450
INORG	Lead	301-AC09	Phase 1A	6	3.0 - 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	3.9 - 1580	173	1000	450
INORG	Lead	301-E02	Phase 1A	22	6.5 - 461	54	1000	450
INORG	Lead	301-E03	Phase 1A	4	3.0 - 12	6.7	1000	450
INORG	Lead	301-G01	Phase 1A	2	33 - 103	68	1000	450
INORG	Lead	301-G02	Phase 1A	3	39 - 1830	648	1000	450
INORG	Lead	301-G03	Phase 1A	1	18 - 18	18	1000	450
INORG	Lead	301-H01	Phase 1A	13	6.3 - 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 - 22	16	1000	450

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	301-I01	Phase 1A	7	8.8 - 372	72	1000	450
INORG	Lead	301-I02	Phase 1A	1	84 - 84	84	1000	450
INORG	Lead	301-I03	Phase 1A	2	341 - 371	356	1000	450
INORG	Lead	301-J01	Phase 1A	4	6.3 - 177	68	1000	450
INORG	Lead	301-J02	Phase 1A	6	7.4 - 1520	348	1000	450
INORG	Lead	301-K01	Phase 1A	11	5.3 - 1330	210	1000	450
INORG	Lead	301-K02	Phase 1A	3	6.7 - 63	26	1000	450
INORG	Lead	301-L02	Phase 1A	5	35 - 355	127	1000	450
INORG	Lead	301-L03	Phase 1A	5	6.1 - 463	209	1000	450
INORG	Lead	301-M02	Phase 1A	6	7.1 - 1070	196	1000	450
INORG	Lead	301-M03	Phase 1A	3	34 - 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-T04	Phase 1A	2	6.1 - 67	37	1000	450
INORG	Lead	301-V04	Phase 1A	29	2.5 - 884	47	1000	450
INORG	Lead	301-W03	Phase 1A	4	1.3 - 15	6.4	1000	450
INORG	Lead	301-X03	Phase 1A	3	1.7 - 72	29	1000	450
INORG	Lead	301-Y03	Phase 1A	2	12 - 76	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 - 48	17	1000	450
INORG	Lead	301-Z04	Phase 1A	14	7.0 - 57	21	1000	450
INORG	Lead	302-AD08	Phase 1A	2	3.1 - 3.3	3.2	1000	450
INORG	Lead	302-AD09	Phase 1A	3	4.3 - 14	9.8	1000	450
INORG	Lead	302-AD10	Phase 1A	4	20 - 230	146	1000	450
INORG	Lead	302-AE09	Phase 1A	4	5.3 - 9.7	6.6	1000	450
INORG	Lead	302-AF06	Phase 1A	9	4.3 - 94	29	1000	450
INORG	Lead	302-AG07	Phase 1A	7	3.0 - 14	5.9	1000	450
INORG	Lead	302-AN02	Phase 1A	2	18 - 310	164	1000	450
INORG	Lead	302-AO03	Phase 1A	2	7.2 - 7.7	7.5	1000	450
INORG	Lead	302-AQ02	Phase 1A	9	3.9 - 6.8	5.3	1000	450
INORG	Lead	302-AR02	Phase 1A	4	3.6 - 69	25	1000	450
INORG	Lead	302-AS03	Phase 1A	13	2.8 - 94	14	1000	450
INORG	Lead	302-AV01	Phase 1A	12	U (3.2) - 623	206	1000	450
INORG	Lead	302-AV03	Phase 1A	6	4.8 - 12	8.4	1000	450
INORG	Lead	302-AW01	Phase 1A	12	16 - 464	262	1000	450
INORG	Lead	302-AW03	Phase 1A	2	4.7 - 5.4	5.0	1000	450
INORG	Lead	302-AX01	Phase 1A	15	64 - 472	229	1000	450
INORG	Lead	302-AX05	Phase 1A	2	7.6 - 7.9	7.7	1000	450
INORG	Lead	302-AZ05	Phase 1A	1	7.6 - 7.6	7.6	1000	450
INORG	Lead	302-BA05	Phase 1A	2	11 - 12	12	1000	450
INORG	Lead	302-BC05	Phase 1A	7	5.9 - 156	31	1000	450
INORG	Lead	302-BD05	Phase 1A	4	6.7 - 18	10	1000	450
INORG	Lead	302-BE04	Phase 1A	5	6.2 - 143	53	1000	450
INORG	Lead	303-AY01	Phase 1A	4	24 - 445	229	1000	450
INORG	Lead	303-AZ01	Phase 1A	5	268 - 533	373	1000	450
INORG	Lead	303-BA01	Phase 1A	8	101 - 438	228	1000	450
INORG	Lead	303-BA02	Phase 1A	9	20 - 955	395	1000	450
INORG	Lead	303-BB01	Phase 1A	2	99 - 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	5.0 - 589	229	1000	450
INORG	Lead	303-BF05	Phase 1A	20	7.5 - 1110	283	1000	450
INORG	Lead	303-BG04	Phase 1A	28	23 - 896	238	1000	450
INORG	Lead	303-BH02	Phase 1A	25	7.1 - 397	218	1000	450
INORG	Lead	303-BI03	Phase 1A	6	157 - 315	273	1000	450
INORG	Lead	303-BJ01	Phase 1A	3	13 - 517	187	1000	450
INORG	Lead	303-BJ02	Phase 1A	3	106 - 853	423	1000	450
INORG	Lead	303-BK03	Phase 1A	7	20 - 981	371	1000	450
INORG	Lead	303-BL02	Phase 1A	10	20 - 1360	229	1000	450
INORG	Lead	303-BM02	Phase 1A	2	7.2 - 329	168	1000	450
INORG	Lead	303-BN02	Phase 1A	15	15 - 1460	273	1000	450
INORG	Lead	303-BN03	Phase 1A	15	17 - 1020	251	1000	450
INORG	Lead	303-BO02	Phase 1A	9	19 - 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 - 288	176	1000	450
INORG	Lead	303-BQ02	Phase 1A	15	3.7 - 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	11 - 688	135	1000	450
INORG	Lead	303-BW01	Phase 1A	5	19 - 1490	392	1000	450
VOC	Benzene	301-AA02	Phase 1B	2	U (0.00051)	0.00025	280	0.50
VOC	Benzene	301-AA05	Phase 1B	11	U (0.10) - 0.052	0.014	280	0.50
VOC	Benzene	301-AB05	Phase 1B	6	U (0.22) - 0.00065	0.019	280	0.50
VOC	Benzene	301-AC03	Phase 1B	2	U (0.0050) - 0.024	0.012	280	0.50
VOC	Benzene	301-T01	Phase 1B	5	0.19 - 1.3	0.36	280	0.50
VOC	Benzene	301-T02	Phase 1B	7	0.053 - 0.20	0.063	280	0.50
VOC	Benzene	301-U01	Phase 1B	2	0.018 - 0.16	0.089	280	0.50
VOC	Benzene	301-U03	Phase 1B	1	U (0.0050)	0.0025	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-V01	Phase 1B	7	0.042 - 4.3	0.66	280	0.50
VOC	Benzene	301-V02	Phase 1B	20	U (0.40) - 0.00031	0.022	280	0.50
VOC	Benzene	301-W01	Phase 1B	24	U (0.28) - 0.25	0.021	280	0.50
VOC	Benzene	301-X01	Phase 1B	11	U (0.40) - 0.27	0.034	280	0.50
VOC	Benzene	301-Y01	Phase 1B	10	U (0.051) - 0.40	0.043	280	0.50
VOC	Benzene	301-Y02	Phase 1B	4	U (0.014) - 0.023	0.010	280	0.50
VOC	Benzene	301-Z01	Phase 1B	6	U (0.00057)	0.00025	280	0.50
VOC	Benzene	301-Z02	Phase 1B	2	U (0.0050)	0.0013	280	0.50
VOC	Benzene	301-Z03	Phase 1B	5	U (0.21) - 0.031	0.027	280	0.50
VOC	Benzene	302-AD06	Phase 1B	12	U (0.10) - 0.017	0.0058	280	0.50
VOC	Benzene	302-AD07	Phase 1B	2	U (0.00064)	0.00027	280	0.50
VOC	Benzene	302-AE03	Phase 1B	4	U (0.026) - 0.15	0.053	280	0.50
VOC	Benzene	302-AE04	Phase 1B	8	0.0026 - 0.024	0.0057	280	0.50
VOC	Benzene	302-AE05	Phase 1B	20	0.00020 - 0.023	0.0022	280	0.50
VOC	Benzene	302-AE07	Phase 1B	3	U (0.095) - 0.00054	0.016	280	0.50
VOC	Benzene	302-AE08	Phase 1B	3	U (0.00052) - 0.00058	0.00036	280	0.50
VOC	Benzene	302-AF03	Phase 1B	2	0.27 - 0.27	0.44	280	0.50
VOC	Benzene	302-AF04	Phase 1B	22	U (0.061) - 0.081	0.014	280	0.50
VOC	Benzene	302-AF05	Phase 1B	2	U (0.025)	0.0065	280	0.50
VOC	Benzene	302-AF09	Phase 1B	5	U (0.10) - 4.4	0.88	280	0.50
VOC	Benzene	302-AG04	Phase 1B	9	U (0.069)	0.013	280	0.50
VOC	Benzene	302-AG06	Phase 1B	5	0.0014 - 0.24	0.086	280	0.50
VOC	Benzene	302-AG08	Phase 1B	6	0.031 - 2.4	0.49	280	0.50
VOC	Benzene	302-AH04	Phase 1B	8	U (0.034)	0.016	280	0.50
VOC	Benzene	302-AH05	Phase 1B	11	0.0023 - 0.31	0.059	280	0.50
VOC	Benzene	302-AH06	Phase 1B	4	U (0.0013) - 0.0012	0.00079	280	0.50
VOC	Benzene	302-AH07	Phase 1B	21	U (0.031) - 0.082	0.011	280	0.50
VOC	Benzene	302-AH08	Phase 1B	13	U (0.030) - 0.067	0.020	280	0.50
VOC	Benzene	302-AI05	Phase 1B	12	U (0.056) - 0.011	0.0060	280	0.50
VOC	Benzene	302-AI06	Phase 1B	19	U (0.050) - 0.027	0.0037	280	0.50
VOC	Benzene	302-AI07	Phase 1B	10	U (0.25) - 0.063	0.033	280	0.50
VOC	Benzene	302-AI08	Phase 1B	2	U (0.099)	0.026	280	0.50
VOC	Benzene	302-AI09	Phase 1B	3	0.00024 - 0.00024	0.00030	280	0.50
VOC	Benzene	302-AJ05	Phase 1B	2	U (0.00061)	0.00029	280	0.50
VOC	Benzene	302-AJ06	Phase 1B	5	U (0.00088) - 0.0016	0.00056	280	0.50
VOC	Benzene	302-AK05	Phase 1B	5	U (0.029) - 0.0031	0.0090	280	0.50
VOC	Benzene	302-AK07	Phase 1B	13	U (0.20) - 5.0	0.44	280	0.50
VOC	Benzene	302-AL03	Phase 1B	2	1.1 - 1.1	0.53	280	0.50
VOC	Benzene	302-AL05	Phase 1B	13	U (0.25) - 0.065	0.043	280	0.50
VOC	Benzene	302-AL08	Phase 1B	2	U (0.00090)	0.00038	280	0.50
VOC	Benzene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	280	0.50
VOC	Benzene	302-AN03	Phase 1B	1	0.018 - 0.018	0.018	280	0.50
VOC	Benzene	302-AO02	Phase 1B	7	0.0040 - 4.6	1.1	280	0.50
VOC	Benzene	302-AO05	Phase 1B	1	0.030 - 0.030	0.030	280	0.50
VOC	Benzene	302-AP02	Phase 1B	2	U (0.00063) - 0.00043	0.00037	280	0.50
VOC	Benzene	302-AP03	Phase 1B	23	U (0.083) - 0.13	0.011	280	0.50
VOC	Benzene	302-AP04	Phase 1B	3	0.011 - 0.042	0.018	280	0.50
VOC	Benzene	302-AP05	Phase 1B	2	U (0.00068)	0.00033	280	0.50
VOC	Benzene	302-AQ01	Phase 1B	2	U (0.0060) - 0.027	0.015	280	0.50
VOC	Benzene	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	280	0.50
VOC	Benzene	302-AR01	Phase 1B	2	U (0.0060)	0.0028	280	0.50
VOC	Benzene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	280	0.50
VOC	Benzene	302-AS04	Phase 1B	2	U (0.0013) - 0.0097	0.0052	280	0.50
VOC	Benzene	302-AT01	Phase 1B	2	0.0055 - 0.033	0.019	280	0.50
VOC	Benzene	302-AT02	Phase 1B	2	0.00056 - 0.16	0.079	280	0.50
VOC	Benzene	302-AT03	Phase 1B	4	U (0.11)	0.014	280	0.50
VOC	Benzene	302-AU01	Phase 1B	2	U (0.0010)	0.00047	280	0.50
VOC	Benzene	302-AU02	Phase 1B	8	U (0.028) - 0.017	0.0041	280	0.50
VOC	Benzene	302-AU03	Phase 1B	2	U (0.00049)	0.00023	280	0.50
VOC	Benzene	302-AV02	Phase 1B	4	U (0.027) - 0.016	0.0042	280	0.50
VOC	Benzene	302-AV04	Phase 1B	2	U (0.0013)	0.00062	280	0.50
VOC	Benzene	302-AW02	Phase 1B	2	U (0.28) - 0.031	0.016	280	0.50
VOC	Benzene	302-AX02	Phase 1B	3	U (0.11)	0.019	280	0.50
VOC	Benzene	302-AY02	Phase 1B	19	0.0080 - 28	2.4	280	0.50
VOC	Benzene	302-AY03	Phase 1B	2	U (0.0013)	0.00058	280	0.50
VOC	Benzene	302-AY05	Phase 1B	2	U (0.0012)	0.00060	280	0.50
VOC	Benzene	302-AZ02	Phase 1B	10	U (4.6) - 66	10	280	0.50
VOC	Benzene	302-AZ03	Phase 1B	1	0.034 - 0.034	0.034	280	0.50
VOC	Benzene	302-BA03	Phase 1B	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	302-BB07	Phase 1B	49	U (8.0) - 360	19	280	0.50
VOC	Benzene	302-BB08	Phase 1B	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	302-BC06	Phase 1B	8	0.00058 - 100	13	280	0.50
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-AB05	Phase 1B	6	U (1.1) - 3.9	0.66	10000	2500
VOC	Cumene	301-AC03	Phase 1B	2	U (0.0050)	0.0024	10000	2500
VOC	Cumene	301-T01	Phase 1B	5	2.0 - 2.0	0.49	10000	2500
VOC	Cumene	301-T02	Phase 1B	7	0.051 - 3.6	0.61	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 (0.0050)	0.0025	10000	2500
VOC	Cumene	301-V01	Phase 1B	7	U (0.51) - 3.6	0.76	10000	2500
VOC	Cumene	301-V02	Phase 1B	20	0.00069 - 10	0.81	10000	2500
VOC	Cumene	301-W01	Phase 1B	24	U (0.69) - 3.0	0.16	10000	2500

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-X01	Phase 1B	11	0.0021 - 1.3	0.17	10000	2500
VOC	Cumene	301-Y01	Phase 1B	10	U (0.21) - 1.3	0.14	10000	2500
VOC	Cumene	301-Y02	Phase 1B	4	U (0.029)	0.013	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 (0.0050)	0.0017	10000	2500
VOC	Cumene	301-Z03	Phase 1B	5	0.00057 - 25	5.8	10000	2500
VOC	Cumene	302-AD06	Phase 1B	12	0.00012 - 1.3	0.13	10000	2500
VOC	Cumene	302-AD07	Phase 1B	2	U (0.0013)	0.00055	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	0.014 - 0.43	0.15	10000	2500
VOC	Cumene	302-AE08	Phase 1B	3	U (0.0010)	0.00049	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	6.0 - 6.0	3.0	10000	2500
VOC	Cumene	302-AF09	Phase 1B	5	U (0.51) - 3.3	0.66	10000	2500
VOC	Cumene	302-AG04	Phase 1B	9	U (0.28) - 1.8	0.28	10000	2500
VOC	Cumene	302-AG06	Phase 1B	5	U (1.0) - 2.4	0.63	10000	2500
VOC	Cumene	302-AG08	Phase 1B	6	0.34 - 4.2	0.78	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 (0.013)	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-AI05	Phase 1B	12	0.00016 - 0.72	0.079	10000	2500
VOC	Cumene	302-AI06	Phase 1B	19	U (0.20) - 8.3	0.48	10000	2500
VOC	Cumene	302-AI07	Phase 1B	10	U (1.2) - 5.7	0.66	10000	2500
VOC	Cumene	302-AI08	Phase 1B	2	0.13 - 0.13	0.066	10000	2500
VOC	Cumene	302-AI09	Phase 1B	3	U (0.0044)	0.0018	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-AK05	Phase 1B	5	0.18 - 0.18	0.049	10000	2500
VOC	Cumene	302-AK07	Phase 1B	13	0.063 - 7.9	1.2	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-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-AN03	Phase 1B	1	U (0.0040)	0.0020	10000	2500
VOC	Cumene	302-AO05	Phase 1B	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	302-AP02	Phase 1B	2	0.076 - 0.076	0.039	10000	2500
VOC	Cumene	302-AP03	Phase 1B	23	0.013 - 0.14	0.015	10000	2500
VOC	Cumene	302-AP04	Phase 1B	3	U (0.0050) - 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 (0.0060)	0.0030	10000	2500
VOC	Cumene	302-AQ04	Phase 1B	2	U (0.0044)	0.0022	10000	2500
VOC	Cumene	302-AR01	Phase 1B	2	U (0.0060)	0.0028	10000	2500
VOC	Cumene	302-AR04	Phase 1B	3	U (0.0055)	0.0025	10000	2500
VOC	Cumene	302-AS04	Phase 1B	2	U (0.013)	0.0062	10000	2500
VOC	Cumene	302-AT02	Phase 1B	2	0.21 - 0.21	0.11	10000	2500
VOC	Cumene	302-AT03	Phase 1B	4	U (0.57) - 0.39	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) - 0.040	0.0057	10000	2500
VOC	Cumene	302-AU03	Phase 1B	2	U (0.00097)	0.00046	10000	2500
VOC	Cumene	302-AV02	Phase 1B	4	U (0.054) - 0.42	0.11	10000	2500
VOC	Cumene	302-AV04	Phase 1B	2	U (0.013)	0.0062	10000	2500
VOC	Cumene	302-AW02	Phase 1B	2	U (0.28)	0.070	10000	2500
VOC	Cumene	302-AX02	Phase 1B	3	U (0.53)	0.090	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 (0.012)	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-BB07	Phase 1B	26	0.00015 - 24	3.3	10000	2500
VOC	Cumene	302-BB08	Phase 1B	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	302-BC06	Phase 1B	8	0.10 - 7.3	0.94	10000	2500
VOC	Ethyl Benzene	301-AA02	Phase 1B	2	U (0.0010)	0.00049	880	70
VOC	Ethyl Benzene	301-AA05	Phase 1B	11	0.00032 - 0.062	0.017	880	70
VOC	Ethyl Benzene	301-AB05	Phase 1B	6	U (0.22) - 0.56	0.095	880	70
VOC	Ethyl Benzene	301-AC03	Phase 1B	2	U (0.0050)	0.0015	880	70
VOC	Ethyl Benzene	301-T01	Phase 1B	5	2.4 - 2.4	0.57	880	70
VOC	Ethyl Benzene	301-T02	Phase 1B	7	0.051 - 0.34	0.13	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 (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	301-V01	Phase 1B	7	0.0026 - 1.3	0.27	880	70
VOC	Ethyl Benzene	301-V02	Phase 1B	20	U (0.40) - 0.040	0.031	880	70
VOC	Ethyl Benzene	301-W01	Phase 1B	24	U (0.28) - 1.6	0.079	880	70
VOC	Ethyl Benzene	301-X01	Phase 1B	11	U (0.40)	0.036	880	70
VOC	Ethyl Benzene	301-Y01	Phase 1B	10	U (0.10) - 2.7	0.27	880	70
VOC	Ethyl Benzene	301-Y02	Phase 1B	4	U (0.029)	0.013	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 (0.0050)	0.0013	880	70
VOC	Ethyl Benzene	301-Z03	Phase 1B	5	U (0.21) - 1.9	0.40	880	70

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AD06	Phase 1B	12	U (0.10) - 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-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 (0.0010) - 0.00014	0.00038	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	22 - 22	11	880	70
VOC	Ethyl Benzene	302-AF09	Phase 1B	5	U (0.10) - 1.3	0.25	880	70
VOC	Ethyl Benzene	302-AG04	Phase 1B	9	U (0.14) - 0.81	0.16	880	70
VOC	Ethyl Benzene	302-AG06	Phase 1B	5	U (0.21) - 1.4	0.31	880	70
VOC	Ethyl Benzene	302-AG08	Phase 1B	6	0.22 - 8.3	1.5	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-AI05	Phase 1B	12	U (0.11) - 0.57	0.057	880	70
VOC	Ethyl Benzene	302-AI06	Phase 1B	19	U (0.10) - 0.21	0.014	880	70
VOC	Ethyl Benzene	302-AI07	Phase 1B	10	U (0.51) - 0.0084	0.041	880	70
VOC	Ethyl Benzene	302-AI08	Phase 1B	2	0.19 - 0.19	0.094	880	70
VOC	Ethyl Benzene	302-AI09	Phase 1B	3	U (0.00089)	0.00037	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) - 0.0010	0.00067	880	70
VOC	Ethyl Benzene	302-AK05	Phase 1B	5	U (0.058)	0.017	880	70
VOC	Ethyl Benzene	302-AK07	Phase 1B	13	U (0.20) - 1.8	0.22	880	70
VOC	Ethyl Benzene	302-AL03	Phase 1B	2	0.61 - 0.61	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-AL08	Phase 1B	2	U (0.00090)	0.00038	880	70
VOC	Ethyl Benzene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	880	70
VOC	Ethyl Benzene	302-AN03	Phase 1B	1	U (0.0040)	0.0020	880	70
VOC	Ethyl Benzene	302-AO02	Phase 1B	7	0.011 - 19	3.8	880	70
VOC	Ethyl Benzene	302-AO05	Phase 1B	1	0.00090 - 0.00090	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 - 0.58	0.035	880	70
VOC	Ethyl Benzene	302-AP04	Phase 1B	3	0.0010 - 0.21	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 (0.0060)	0.0030	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 (0.0060)	0.0028	880	70
VOC	Ethyl Benzene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	880	70
VOC	Ethyl Benzene	302-AS04	Phase 1B	2	U (0.0013)	0.00062	880	70
VOC	Ethyl Benzene	302-AT01	Phase 1B	2	0.026 - 0.026	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 (0.0010)	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-AV02	Phase 1B	4	U (0.054) - 1.7	0.43	880	70
VOC	Ethyl Benzene	302-AV04	Phase 1B	2	U (0.0013)	0.00062	880	70
VOC	Ethyl Benzene	302-AW02	Phase 1B	2	U (0.28)	0.070	880	70
VOC	Ethyl Benzene	302-AX02	Phase 1B	3	U (0.11)	0.019	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 (0.0012)	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-BA03	Phase 1B	1	U (0.0090)	0.0045	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 (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	302-BC06	Phase 1B	8	0.51 - 220	28	880	70
VOC	Methyl tert-butyl ether	301-AA02	Phase 1B	2	U (0.0010)	0.00049	8500	2.0
VOC	Methyl tert-butyl ether	301-AA05	Phase 1B	11	U (0.10)	0.013	8500	2.0
VOC	Methyl tert-butyl ether	301-AB05	Phase 1B	6	U (0.22)	0.019	8500	2.0
VOC	Methyl tert-butyl ether	301-AC03	Phase 1B	2	U (0.0050)	0.0015	8500	2.0
VOC	Methyl tert-butyl ether	301-T01	Phase 1B	5	U (0.59)	0.10	8500	2.0
VOC	Methyl tert-butyl ether	301-T02	Phase 1B	2	U (0.60)	0.17	8500	2.0
VOC	Methyl tert-butyl ether	301-U01	Phase 1B	2	U (0.29)	0.073	8500	2.0
VOC	Methyl tert-butyl ether	301-U03	Phase 1B	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	301-V01	Phase 1B	7	U (0.10)	0.026	8500	2.0
VOC	Methyl tert-butyl ether	301-V02	Phase 1B	20	U (0.54)	0.054	8500	2.0
VOC	Methyl tert-butyl ether	301-W01	Phase 1B	24	U (0.29)	0.020	8500	2.0
VOC	Methyl tert-butyl ether	301-X01	Phase 1B	9	U (0.50)	0.056	8500	2.0
VOC	Methyl tert-butyl ether	301-Y01	Phase 1B	5	U (0.10)	0.010	8500	2.0
VOC	Methyl tert-butyl ether	301-Z01	Phase 1B	6	U (0.0011)	0.00050	8500	2.0
VOC	Methyl tert-butyl ether	301-Z02	Phase 1B	2	U (0.0050)	0.0013	8500	2.0
VOC	Methyl tert-butyl ether	301-Z03	Phase 1B	5	U (0.21)	0.031	8500	2.0
VOC	Methyl tert-butyl ether	302-AD06	Phase 1B	12	U (0.11)	0.0095	8500	2.0
VOC	Methyl tert-butyl ether	302-AD07	Phase 1B	2	U (0.0025)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-AE04	Phase 1B	8	U (0.15)	0.019	8500	2.0
VOC	Methyl tert-butyl ether	302-AE05	Phase 1B	20	U (0.0055)	0.0012	8500	2.0

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AE07	Phase 1B	3	U (0.095)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	302-AE08	Phase 1B	3	U (0.0021)	0.0010	8500	2.0
VOC	Methyl tert-butyl ether	302-AF04	Phase 1B	11	U (0.12)	0.012	8500	2.0
VOC	Methyl tert-butyl ether	302-AF05	Phase 1B	2	U (0.051)	0.013	8500	2.0
VOC	Methyl tert-butyl ether	302-AF09	Phase 1B	5	U (0.10)	0.010	8500	2.0
VOC	Methyl tert-butyl ether	302-AG04	Phase 1B	3	U (0.14)	0.024	8500	2.0
VOC	Methyl tert-butyl ether	302-AG06	Phase 1B	5	U (0.21)	0.031	8500	2.0
VOC	Methyl tert-butyl ether	302-AH04	Phase 1B	8	U (0.034)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	302-AH05	Phase 1B	11	U (0.12)	0.026	8500	2.0
VOC	Methyl tert-butyl ether	302-AH06	Phase 1B	4	U (0.0013) - 0.018	0.0051	8500	2.0
VOC	Methyl tert-butyl ether	302-AH07	Phase 1B	12	U (0.0050) - 0.014	0.0020	8500	2.0
VOC	Methyl tert-butyl ether	302-AI05	Phase 1B	12	U (0.12) - 0.00057	0.016	8500	2.0
VOC	Methyl tert-butyl ether	302-AI06	Phase 1B	19	0.00024 - 0.0067	0.0037	8500	2.0
VOC	Methyl tert-butyl ether	302-AI07	Phase 1B	8	0.0017 - 0.21	0.071	8500	2.0
VOC	Methyl tert-butyl ether	302-AI08	Phase 1B	2	U (0.099)	0.026	8500	2.0
VOC	Methyl tert-butyl ether	302-AI09	Phase 1B	3	U (0.00089)	0.00037	8500	2.0
VOC	Methyl tert-butyl ether	302-AJ05	Phase 1B	2	U (0.0024)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	302-AJ06	Phase 1B	5	U (0.0035) - 0.00043	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-AK05	Phase 1B	2	U (0.0012)	0.00058	8500	2.0
VOC	Methyl tert-butyl ether	302-AK07	Phase 1B	2	U (0.20)	0.051	8500	2.0
VOC	Methyl tert-butyl ether	302-AL03	Phase 1B	2	U (0.50)	0.13	8500	2.0
VOC	Methyl tert-butyl ether	302-AL08	Phase 1B	2	U (0.00090)	0.00038	8500	2.0
VOC	Methyl tert-butyl ether	302-AN01	Phase 1B	2	U (0.0012)	0.00055	8500	2.0
VOC	Methyl tert-butyl ether	302-AN03	Phase 1B	1	U (0.0040)	0.0020	8500	2.0
VOC	Methyl tert-butyl ether	302-AO05	Phase 1B	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	302-AP02	Phase 1B	2	U (0.0013)	0.00063	8500	2.0
VOC	Methyl tert-butyl ether	302-AP03	Phase 1B	17	U (0.083)	0.0033	8500	2.0
VOC	Methyl tert-butyl ether	302-AP04	Phase 1B	3	U (0.0050)	0.0012	8500	2.0
VOC	Methyl tert-butyl ether	302-AP05	Phase 1B	2	U (0.0014)	0.00068	8500	2.0
VOC	Methyl tert-butyl ether	302-AQ01	Phase 1B	2	U (0.0060)	0.0030	8500	2.0
VOC	Methyl tert-butyl ether	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	8500	2.0
VOC	Methyl tert-butyl ether	302-AR01	Phase 1B	2	U (0.0060)	0.0028	8500	2.0
VOC	Methyl tert-butyl ether	302-AR04	Phase 1B	3	U (0.0011)	0.00050	8500	2.0
VOC	Methyl tert-butyl ether	302-AS04	Phase 1B	2	U (0.0013)	0.00062	8500	2.0
VOC	Methyl tert-butyl ether	302-AT02	Phase 1B	2	U (0.23)	0.058	8500	2.0
VOC	Methyl tert-butyl ether	302-AT03	Phase 1B	4	U (0.11)	0.014	8500	2.0
VOC	Methyl tert-butyl ether	302-AU01	Phase 1B	2	U (0.0010)	0.00047	8500	2.0
VOC	Methyl tert-butyl ether	302-AU02	Phase 1B	8	U (0.11)	0.0080	8500	2.0
VOC	Methyl tert-butyl ether	302-AU03	Phase 1B	2	U (0.0019)	0.00090	8500	2.0
VOC	Methyl tert-butyl ether	302-AV02	Phase 1B	4	U (0.11)	0.014	8500	2.0
VOC	Methyl tert-butyl ether	302-AV04	Phase 1B	2	U (0.0013)	0.00062	8500	2.0
VOC	Methyl tert-butyl ether	302-AW02	Phase 1B	2	U (0.28)	0.071	8500	2.0
VOC	Methyl tert-butyl ether	302-AX02	Phase 1B	3	U (0.11)	0.019	8500	2.0
VOC	Methyl tert-butyl ether	302-AY02	Phase 1B	11	U (2.3)	0.29	8500	2.0
VOC	Methyl tert-butyl ether	302-AY03	Phase 1B	2	U (0.0013)	0.00058	8500	2.0
VOC	Methyl tert-butyl ether	302-AY05	Phase 1B	2	U (0.0012)	0.00060	8500	2.0
VOC	Methyl tert-butyl ether	302-AZ02	Phase 1B	3	U (4.6)	0.77	8500	2.0
VOC	Methyl tert-butyl ether	302-AZ03	Phase 1B	1	U (0.31)	0.16	8500	2.0
VOC	Methyl tert-butyl ether	302-BB07	Phase 1B	26	U (3.3) - 0.00083	0.22	8500	2.0
VOC	Methyl tert-butyl ether	302-BB08	Phase 1B	1	U (0.0050)	0.0025	8500	2.0
VOC	Methyl tert-butyl ether	302-BC06	Phase 1B	8	U (2.5)	0.18	8500	2.0
VOC	Toluene	301-AA02	Phase 1B	2	U (0.0010)	0.00049	10000	100
VOC	Toluene	301-AA05	Phase 1B	11	U (0.10) - 0.077	0.016	10000	100
VOC	Toluene	301-AB05	Phase 1B	6	U (0.22) - 0.00088	0.019	10000	100
VOC	Toluene	301-AC03	Phase 1B	2	U (0.0050)	0.0015	10000	100
VOC	Toluene	301-T01	Phase 1B	5	0.13 - 0.13	0.12	10000	100
VOC	Toluene	301-T02	Phase 1B	7	0.096 - 0.33	0.14	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 (0.0050)	0.0025	10000	100
VOC	Toluene	301-V01	Phase 1B	7	0.048 - 1.0	0.21	10000	100
VOC	Toluene	301-V02	Phase 1B	19	U (0.40)	0.034	10000	100
VOC	Toluene	301-W01	Phase 1B	24	U (0.28) - 0.93	0.053	10000	100
VOC	Toluene	301-X01	Phase 1B	11	U (0.40) - 0.54	0.067	10000	100
VOC	Toluene	301-Y01	Phase 1B	10	U (0.10) - 0.071	0.014	10000	100
VOC	Toluene	301-Y02	Phase 1B	4	U (0.029) - 0.039	0.019	10000	100
VOC	Toluene	301-Z01	Phase 1B	6	U (0.0011)	0.00050	10000	100
VOC	Toluene	301-Z02	Phase 1B	2	U (0.0050)	0.0013	10000	100
VOC	Toluene	301-Z03	Phase 1B	5	U (0.21)	0.031	10000	100
VOC	Toluene	302-AD06	Phase 1B	12	U (0.10)	0.0069	10000	100
VOC	Toluene	302-AD07	Phase 1B	2	U (0.0013)	0.00055	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 - 0.060	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 (0.0010)	0.00049	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-AF09	Phase 1B	5	U (0.10) - 0.17	0.033	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-AG08	Phase 1B	6	U (0.19) - 0.52	0.13	10000	100
VOC	Toluene	302-AH04	Phase 1B	8	U (0.067)	0.031	10000	100

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AH05	Phase 1B	11	U (0.11)	0.016	10000	100
VOC	Toluene	302-AH06	Phase 1B	4	U (0.0063)	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-AI05	Phase 1B	12	U (0.11)	0.012	10000	100
VOC	Toluene	302-AI06	Phase 1B	19	U (0.10) - 0.0025	0.0033	10000	100
VOC	Toluene	302-AI07	Phase 1B	10	U (0.61) - 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-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-AK05	Phase 1B	5	U (0.058)	0.018	10000	100
VOC	Toluene	302-AK07	Phase 1B	13	U (1.0) - 0.28	0.094	10000	100
VOC	Toluene	302-AL03	Phase 1B	2	U (0.50)	0.13	10000	100
VOC	Toluene	302-AL05	Phase 1B	11	U (0.13)	0.041	10000	100
VOC	Toluene	302-AL08	Phase 1B	2	U (0.00090)	0.00038	10000	100
VOC	Toluene	302-AN01	Phase 1B	2	U (0.0012)	0.00055	10000	100
VOC	Toluene	302-AN03	Phase 1B	1	0.0090 - 0.0090	0.0090	10000	100
VOC	Toluene	302-AO02	Phase 1B	7	0.00060 - 0.0010	0.27	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	0.047 - 0.70	0.040	10000	100
VOC	Toluene	302-AP04	Phase 1B	3	0.018 - 0.023	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 (0.0060)	0.0030	10000	100
VOC	Toluene	302-AQ04	Phase 1B	2	U (0.00088)	0.00043	10000	100
VOC	Toluene	302-AR01	Phase 1B	2	U (0.0060)	0.0028	10000	100
VOC	Toluene	302-AR04	Phase 1B	3	U (0.0011)	0.00050	10000	100
VOC	Toluene	302-AS04	Phase 1B	2	U (0.0064)	0.0031	10000	100
VOC	Toluene	302-AT02	Phase 1B	2	0.61 - 0.61	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 (0.0010)	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-AV02	Phase 1B	4	U (0.054) - 0.12	0.030	10000	100
VOC	Toluene	302-AV04	Phase 1B	2	U (0.0063)	0.0031	10000	100
VOC	Toluene	302-AW02	Phase 1B	2	U (0.28)	0.070	10000	100
VOC	Toluene	302-AX02	Phase 1B	3	U (0.11)	0.019	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 (0.0062)	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-BA03	Phase 1B	1	U (0.0070)	0.0035	10000	100
VOC	Toluene	302-BB07	Phase 1B	49	U (16) - 1300	78	10000	100
VOC	Toluene	302-BB08	Phase 1B	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	302-BC06	Phase 1B	8	0.29 - 560	71	10000	100
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	0.48	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-AC03	Phase 1B	2	U (0.0050)	0.0024	4700	300
VOC	1,2,4-Trimethylbenzene	301-T01	Phase 1B	5	1.8 - 1.8	0.45	4700	300
VOC	1,2,4-Trimethylbenzene	301-T02	Phase 1B	2	0.20 - 0.67	0.43	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 (0.0050)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	301-V01	Phase 1B	7	0.0015 - 0.70	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-W01	Phase 1B	24	U (0.69) - 7.3	0.36	4700	300
VOC	1,2,4-Trimethylbenzene	301-X01	Phase 1B	9	0.0030 - 3.3	0.41	4700	300
VOC	1,2,4-Trimethylbenzene	301-Y01	Phase 1B	5	U (0.21) - 9.9	2.0	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 (0.0050)	0.0017	4700	300
VOC	1,2,4-Trimethylbenzene	301-Z03	Phase 1B	5	0.00093 - 0.090	0.13	4700	300
VOC	1,2,4-Trimethylbenzene	302-AD06	Phase 1B	12	U (0.50) - 3.0	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-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	0.00059 - 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-AF03	Phase 1B	2	0.85 - 19	9.9	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 - 49	25	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF09	Phase 1B	5	U (0.51) - 0.45	0.090	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG04	Phase 1B	3	4.5 - 4.5	1.5	4700	300
VOC	1,2,4-Trimethylbenzene	302-AG06	Phase 1B	5	U (1.0) - 4.3	0.91	4700	300
VOC	1,2,4-Trimethylbenzene	302-AH05	Phase 1B	11	0.00047 - 21	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-AI05	Phase 1B	11	U (0.22) - 9.4	0.87	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI06	Phase 1B	19	U (0.20) - 0.044	0.0095	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI07	Phase 1B	8	0.33 - 0.33	0.11	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI08	Phase 1B	1	0.36 - 0.36	0.36	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI09	Phase 1B	3	U (0.0044)	0.0018	4700	300

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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 (0.0012)	0.00058	4700	300
VOC	1,2,4-Trimethylbenzene	302-AK07	Phase 1B	2	U (0.20)	0.051	4700	300
VOC	1,2,4-Trimethylbenzene	302-AL03	Phase 1B	2	64 - 64	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-AN03	Phase 1B	1	U (0.0040)	0.0020	4700	300
VOC	1,2,4-Trimethylbenzene	302-AO05	Phase 1B	1	U (0.0050)	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	0.020 - 1.2	0.083	4700	300
VOC	1,2,4-Trimethylbenzene	302-AP04	Phase 1B	3	0.0010 - 1.2	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 (0.0060)	0.0030	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 (0.0060)	0.0028	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-AS04	Phase 1B	2	U (0.0013)	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-AV02	Phase 1B	4	U (0.54) - 25	6.3	4700	300
VOC	1,2,4-Trimethylbenzene	302-AV04	Phase 1B	2	U (0.0013)	0.00062	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-AX02	Phase 1B	3	0.00040 - 0.00040	0.089	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 (0.0012)	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-BB07	Phase 1B	49	0.00034 - 720	76	4700	300
VOC	1,2,4-Trimethylbenzene	302-BC06	Phase 1B	7	0.00038 - 460	68	4700	300
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-AB05	Phase 1B	6	U (1.1)	0.093	4700	93
VOC	1,3,5-Trimethylbenzene	301-AC03	Phase 1B	2	U (0.0050)	0.0024	4700	93
VOC	1,3,5-Trimethylbenzene	301-T01	Phase 1B	5	0.37 - 0.37	0.17	4700	93
VOC	1,3,5-Trimethylbenzene	301-T02	Phase 1B	2	0.024 - 0.024	0.16	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 (0.0050)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	301-V01	Phase 1B	7	0.00057 - 0.095	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-W01	Phase 1B	24	U (0.69)	0.043	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-Y01	Phase 1B	5	U (0.21) - 2.4	0.48	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 (0.0050)	0.0017	4700	93
VOC	1,3,5-Trimethylbenzene	301-Z03	Phase 1B	5	0.00056 - 0.027	0.12	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD06	Phase 1B	12	U (0.50) - 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-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 - 0.040	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
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	0.0020 - 0.26	0.028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF05	Phase 1B	2	15 - 15	7.7	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF09	Phase 1B	5	U (0.51) - 0.80	0.16	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG04	Phase 1B	3	0.00044 - 0.94	0.31	4700	93
VOC	1,3,5-Trimethylbenzene	302-AG06	Phase 1B	5	U (1.0) - 1.9	0.43	4700	93
VOC	1,3,5-Trimethylbenzene	302-AH05	Phase 1B	11	0.0011 - 7.7	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-AI05	Phase 1B	11	U (0.22) - 2.8	0.27	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI06	Phase 1B	19	U (0.20) - 0.25	0.015	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI07	Phase 1B	8	0.055 - 0.055	0.078	4700	93
VOC	1,3,5-Trimethylbenzene	302-AI08	Phase 1B	1	0.15 - 0.15	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 (0.0012)	0.00058	4700	93
VOC	1,3,5-Trimethylbenzene	302-AK07	Phase 1B	2	U (0.20)	0.051	4700	93
VOC	1,3,5-Trimethylbenzene	302-AL03	Phase 1B	2	11 - 11	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-AN03	Phase 1B	1	U (0.0040)	0.0020	4700	93
VOC	1,3,5-Trimethylbenzene	302-AO05	Phase 1B	1	U (0.0050)	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 - 0.19	0.022	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP04	Phase 1B	3	U (0.24) - 0.43	0.15	4700	93
VOC	1,3,5-Trimethylbenzene	302-AP05	Phase 1B	2	U (0.0027)	0.0013	4700	93

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AQ01	Phase 1B	2	U (0.0060)	0.0030	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 (0.0060)	0.0028	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-AS04	Phase 1B	2	U (0.0013)	0.00062	4700	93
VOC	1,3,5-Trimethylbenzene	302-AT02	Phase 1B	2	0.50 - 0.50	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-AV02	Phase 1B	4	U (0.11) - 8.5	2.1	4700	93
VOC	1,3,5-Trimethylbenzene	302-AV04	Phase 1B	2	U (0.0013)	0.00062	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-AX02	Phase 1B	3	U (0.53)	0.090	4700	93
VOC	1,3,5-Trimethylbenzene	302-AY02	Phase 1B	11	0.37 - 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 (0.0012)	0.00060	4700	93
VOC	1,3,5-Trimethylbenzene	302-AZ02	Phase 1B	3	U (4.6) - 8.0	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-BB07	Phase 1B	49	0.00028 - 220	27	4700	93
VOC	1,3,5-Trimethylbenzene	302-BC06	Phase 1B	7	0.00063 - 150	22	4700	93
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-AB05	Phase 1B	6	U (0.22) - 0.0015	0.019	7900	1000
VOC	Xylenes (total)	301-AC03	Phase 1B	2	U (0.0050)	0.0015	7900	1000
VOC	Xylenes (total)	301-T01	Phase 1B	5	0.075 - 0.66	0.21	7900	1000
VOC	Xylenes (total)	301-T02	Phase 1B	2	0.30 - 0.52	0.41	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 (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	301-V01	Phase 1B	7	0.021 - 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-W01	Phase 1B	24	U (0.85) - 2.8	0.15	7900	1000
VOC	Xylenes (total)	301-X01	Phase 1B	9	0.0013 - 0.50	0.13	7900	1000
VOC	Xylenes (total)	301-Y01	Phase 1B	5	U (0.10) - 21	4.3	7900	1000
VOC	Xylenes (total)	301-Z01	Phase 1B	6	U (0.0011) - 0.0016	0.00077	7900	1000
VOC	Xylenes (total)	301-Z02	Phase 1B	2	U (0.0050)	0.0013	7900	1000
VOC	Xylenes (total)	301-Z03	Phase 1B	5	U (0.21) - 0.069	0.035	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-AE04	Phase 1B	8	0.0019 - 0.28	0.057	7900	1000
VOC	Xylenes (total)	302-AE05	Phase 1B	20	0.0025 - 0.059	0.0067	7900	1000
VOC	Xylenes (total)	302-AE07	Phase 1B	3	0.0050 - 0.0050	0.018	7900	1000
VOC	Xylenes (total)	302-AE08	Phase 1B	3	U (0.0021) - 0.0011	0.0010	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) - 0.12	0.017	7900	1000
VOC	Xylenes (total)	302-AF05	Phase 1B	2	56 - 56	28	7900	1000
VOC	Xylenes (total)	302-AF09	Phase 1B	5	U (0.10) - 0.62	0.12	7900	1000
VOC	Xylenes (total)	302-AG04	Phase 1B	3	0.89 - 0.89	0.30	7900	1000
VOC	Xylenes (total)	302-AG06	Phase 1B	5	U (0.21) - 2.3	0.50	7900	1000
VOC	Xylenes (total)	302-AH04	Phase 1B	8	U (0.067) - 3.0	0.55	7900	1000
VOC	Xylenes (total)	302-AH05	Phase 1B	2	0.00074 - 12	5.8	7900	1000
VOC	Xylenes (total)	302-AH06	Phase 1B	4	U (0.0038)	0.0012	7900	1000
VOC	Xylenes (total)	302-AH07	Phase 1B	12	U (0.0050) - 0.0070	0.0017	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 (0.10) - 0.031	0.0059	7900	1000
VOC	Xylenes (total)	302-AI07	Phase 1B	8	U (0.51) - 0.00070	0.066	7900	1000
VOC	Xylenes (total)	302-AI08	Phase 1B	2	0.34 - 0.34	0.17	7900	1000
VOC	Xylenes (total)	302-AI09	Phase 1B	3	U (0.00089)	0.00037	7900	1000
VOC	Xylenes (total)	302-AK05	Phase 1B	2	U (0.0036)	0.0017	7900	1000
VOC	Xylenes (total)	302-AK07	Phase 1B	2	U (0.61)	0.15	7900	1000
VOC	Xylenes (total)	302-AL03	Phase 1B	2	0.71 - 0.71	0.36	7900	1000
VOC	Xylenes (total)	302-AL05	Phase 1B	5	U (0.13) - 0.090	0.066	7900	1000
VOC	Xylenes (total)	302-AL08	Phase 1B	2	U (0.00090)	0.00038	7900	1000
VOC	Xylenes (total)	302-AN01	Phase 1B	2	U (0.0012)	0.00055	7900	1000
VOC	Xylenes (total)	302-AN03	Phase 1B	1	0.0030 - 0.0030	0.0030	7900	1000
VOC	Xylenes (total)	302-AO02	Phase 1B	7	0.026 - 50	8.9	7900	1000
VOC	Xylenes (total)	302-AO05	Phase 1B	1	0.0050 - 0.0050	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	0.00090 - 2.4	0.12	7900	1000
VOC	Xylenes (total)	302-AP04	Phase 1B	3	0.0070 - 0.42	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 (0.0060)	0.0030	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 (0.0060)	0.0028	7900	1000
VOC	Xylenes (total)	302-AR04	Phase 1B	3	U (0.0011)	0.00050	7900	1000
VOC	Xylenes (total)	302-AS04	Phase 1B	2	U (0.0038)	0.0019	7900	1000
VOC	Xylenes (total)	302-AT01	Phase 1B	2	0.031 - 0.081	0.056	7900	1000
VOC	Xylenes (total)	302-AT02	Phase 1B	2	1.3 - 1.3	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 (0.0010)	0.00047	7900	1000
VOC	Xylenes (total)	302-AU02	Phase 1B	8	U (0.11) - 0.010	0.0089	7900	1000
VOC	Xylenes (total)	302-AU03	Phase 1B	2	U (0.0019)	0.00090	7900	1000
VOC	Xylenes (total)	302-AV02	Phase 1B	4	U (0.11) - 8.7	2.2	7900	1000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AV04	Phase 1B	2	U (0.0038)	0.0018	7900	1000
VOC	Xylenes (total)	302-AW02	Phase 1B	2	U (0.28)	0.071	7900	1000
VOC	Xylenes (total)	302-AX02	Phase 1B	3	U (0.11)	0.019	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 (0.0037)	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-BA03	Phase 1B	1	U (0.0060)	0.0030	7900	1000
VOC	Xylenes (total)	302-BB07	Phase 1B	43	0.0015 - 2320	229	7900	1000
VOC	Xylenes (total)	302-BB08	Phase 1B	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	302-BC06	Phase 1B	8	0.0014 - 1240	158	7900	1000
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-AB05	Phase 1B	6	U (0.40) - 0.047	0.067	190000	350
SVOC	Anthracene	301-AC03	Phase 1B	2	0.14 - 0.39	0.27	190000	350
SVOC	Anthracene	301-T01	Phase 1B	5	0.22 - 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-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) - 0.29	0.078	190000	350
SVOC	Anthracene	301-V02	Phase 1B	19	0.055 - 1.1	0.16	190000	350
SVOC	Anthracene	301-W01	Phase 1B	24	U (0.13) - 0.72	0.069	190000	350
SVOC	Anthracene	301-X01	Phase 1B	11	0.0064 - 0.50	0.19	190000	350
SVOC	Anthracene	301-Y01	Phase 1B	10	U (0.36) - 0.76	0.13	190000	350
SVOC	Anthracene	301-Y02	Phase 1B	4	U (0.17) - 0.45	0.13	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) - 1.3	0.39	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-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) - 0.21	0.10	190000	350
SVOC	Anthracene	302-AE08	Phase 1B	3	U (0.12)	0.040	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	0.074 - 0.077	0.076	190000	350
SVOC	Anthracene	302-AF09	Phase 1B	5	U (0.040) - 0.093	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-AG08	Phase 1B	6	0.078 - 4.0	0.88	190000	350
SVOC	Anthracene	302-AH05	Phase 1B	11	0.038 - 0.69	0.21	190000	350
SVOC	Anthracene	302-AH06	Phase 1B	4	U (0.042) - 0.030	0.022	190000	350
SVOC	Anthracene	302-AH07	Phase 1B	21	U (0.37) - 0.60	0.078	190000	350
SVOC	Anthracene	302-AH08	Phase 1B	13	U (0.041) - 0.48	0.11	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 (0.38) - 0.16	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) - 0.098	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	0.10 - 0.10	0.068	190000	350
SVOC	Anthracene	302-AK05	Phase 1B	5	U (0.20) - 0.11	0.060	190000	350
SVOC	Anthracene	302-AK07	Phase 1B	13	U (0.043) - 2.0	0.38	190000	350
SVOC	Anthracene	302-AL03	Phase 1B	2	0.019 - 0.87	0.45	190000	350
SVOC	Anthracene	302-AL05	Phase 1B	13	U (0.42) - 1.2	0.34	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) - 0.018	0.017	190000	350
SVOC	Anthracene	302-AP02	Phase 1B	2	U (0.042) - 0.16	0.089	190000	350
SVOC	Anthracene	302-AP03	Phase 1B	23	U (0.40) - 0.061	0.056	190000	350
SVOC	Anthracene	302-AP04	Phase 1B	2	0.021 - 0.021	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-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-AR04	Phase 1B	3	U (0.12)	0.050	190000	350
SVOC	Anthracene	302-AS04	Phase 1B	2	U (0.042)	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) - 0.12	0.25	190000	350
SVOC	Anthracene	302-AT03	Phase 1B	4	0.068 - 0.068	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)	0.30	190000	350
SVOC	Anthracene	302-AU03	Phase 1B	2	U (0.12)	0.060	190000	350
SVOC	Anthracene	302-AV02	Phase 1B	4	U (0.59) - 1.1	0.32	190000	350
SVOC	Anthracene	302-AV04	Phase 1B	2	U (0.042)	0.020	190000	350
SVOC	Anthracene	302-AW02	Phase 1B	2	U (1.9) - 2.1	1.1	190000	350
SVOC	Anthracene	302-AX02	Phase 1B	3	U (0.038)	0.018	190000	350
SVOC	Anthracene	302-AY02	Phase 1B	14	0.24 - 13	2.6	190000	350
SVOC	Anthracene	302-AY03	Phase 1B	2	0.042 - 0.049	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	0.20 - 2.6	2.6	190000	350
SVOC	Anthracene	302-AZ03	Phase 1B	1	U (2.0)	1.0	190000	350

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-BA03	Phase 1B	3	U (0.075)	0.037	190000	350
SVOC	Anthracene	302-BB07	Phase 1B	9	0.059 - 0.13	0.070	190000	350
SVOC	Anthracene	302-BB08	Phase 1B	1	U (0.19)	0.095	190000	350
SVOC	Anthracene	302-BC06	Phase 1B	8	U (0.23)	0.067	190000	350
SVOC	Benzo(a)anthracene	301-AA02	Phase 1B	2	U (0.039) - 0.040	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-AB05	Phase 1B	6	U (0.19) - 0.20	0.071	130	340
SVOC	Benzo(a)anthracene	301-AC03	Phase 1B	2	0.61 - 0.86	0.73	130	340
SVOC	Benzo(a)anthracene	301-T01	Phase 1B	5	0.35 - 9.6	2.7	130	340
SVOC	Benzo(a)anthracene	301-T02	Phase 1B	2	0.13 - 2.1	1.1	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-W01	Phase 1B	24	U (0.13) - 0.46	0.055	130	340
SVOC	Benzo(a)anthracene	301-X01	Phase 1B	11	0.025 - 0.73	0.19	130	340
SVOC	Benzo(a)anthracene	301-Y01	Phase 1B	10	U (0.36) - 0.35	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-Z01	Phase 1B	6	U (0.039) - 0.025	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) - 0.24	0.11	130	340
SVOC	Benzo(a)anthracene	302-AD06	Phase 1B	12	U (0.14) - 0.24	0.11	130	340
SVOC	Benzo(a)anthracene	302-AD07	Phase 1B	2	0.12 - 0.12	0.085	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	0.030 - 0.44	0.085	130	340
SVOC	Benzo(a)anthracene	302-AE07	Phase 1B	3	U (0.11) - 0.47	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-AF04	Phase 1B	22	U (0.11) - 0.029	0.033	130	340
SVOC	Benzo(a)anthracene	302-AF05	Phase 1B	2	0.020 - 0.24	0.13	130	340
SVOC	Benzo(a)anthracene	302-AF09	Phase 1B	5	U (0.040) - 0.036	0.022	130	340
SVOC	Benzo(a)anthracene	302-AG04	Phase 1B	9	U (0.11) - 0.037	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-AG08	Phase 1B	6	0.11 - 2.3	0.64	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 (0.042) - 0.081	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-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 (0.38) - 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) - 0.22	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-AK05	Phase 1B	5	0.11 - 0.59	0.17	130	340
SVOC	Benzo(a)anthracene	302-AK07	Phase 1B	13	U (0.043) - 3.5	0.67	130	340
SVOC	Benzo(a)anthracene	302-AL03	Phase 1B	2	U (0.092) - 0.080	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-AL08	Phase 1B	2	U (0.041)	0.019	130	340
SVOC	Benzo(a)anthracene	302-AN01	Phase 1B	2	U (0.035) - 0.085	0.051	130	340
SVOC	Benzo(a)anthracene	302-AP02	Phase 1B	2	U (0.042) - 0.40	0.21	130	340
SVOC	Benzo(a)anthracene	302-AP03	Phase 1B	23	U (0.40) - 0.17	0.063	130	340
SVOC	Benzo(a)anthracene	302-AP04	Phase 1B	2	U (0.039) - 0.075	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-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-AR04	Phase 1B	3	U (0.12)	0.050	130	340
SVOC	Benzo(a)anthracene	302-AS04	Phase 1B	2	U (0.042)	0.021	130	340
SVOC	Benzo(a)anthracene	302-AT02	Phase 1B	2	U (0.77) - 0.13	0.26	130	340
SVOC	Benzo(a)anthracene	302-AT03	Phase 1B	4	U (0.039) - 0.031	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)	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-AV02	Phase 1B	4	U (0.59)	0.12	130	340
SVOC	Benzo(a)anthracene	302-AV04	Phase 1B	2	U (0.042)	0.020	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-AX02	Phase 1B	3	U (0.038)	0.018	130	340
SVOC	Benzo(a)anthracene	302-AY02	Phase 1B	14	0.045 - 11	4.1	130	340
SVOC	Benzo(a)anthracene	302-AY03	Phase 1B	2	0.091 - 0.14	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-BA03	Phase 1B	3	U (0.31)	0.15	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-BC06	Phase 1B	8	U (0.23) - 0.022	0.062	130	340
SVOC	Benzo(a)pyrene	301-AA02	Phase 1B	2	U (0.039) - 0.038	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-AB05	Phase 1B	6	0.029 - 0.10	0.057	91	46
SVOC	Benzo(a)pyrene	301-AC03	Phase 1B	2	0.47 - 0.64	0.55	91	46
SVOC	Benzo(a)pyrene	301-T01	Phase 1B	5	0.26 - 6.3	2.3	91	46

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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	301-T02	Phase 1B	2	U (1.9) - 1.8	0.94	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-W01	Phase 1B	24	U (0.17) - 0.64	0.074	91	46
SVOC	Benzo(a)pyrene	301-X01	Phase 1B	11	0.028 - 0.77	0.21	91	46
SVOC	Benzo(a)pyrene	301-Y01	Phase 1B	10	U (0.36) - 0.28	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-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	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-AE03	Phase 1B	4	U (0.18)	0.036	91	46
SVOC	Benzo(a)pyrene	302-AE04	Phase 1B	8	U (0.74) - 0.016	0.098	91	46
SVOC	Benzo(a)pyrene	302-AE05	Phase 1B	20	0.15 - 0.40	0.10	91	46
SVOC	Benzo(a)pyrene	302-AE07	Phase 1B	3	U (0.11) - 0.40	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-AF04	Phase 1B	22	U (0.15)	0.042	91	46
SVOC	Benzo(a)pyrene	302-AF05	Phase 1B	2	U (0.041) - 0.27	0.15	91	46
SVOC	Benzo(a)pyrene	302-AF09	Phase 1B	5	U (0.040)	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-AG08	Phase 1B	6	0.089 - 1.8	0.47	91	46
SVOC	Benzo(a)pyrene	302-AH05	Phase 1B	11	0.044 - 0.66	0.24	91	46
SVOC	Benzo(a)pyrene	302-AH06	Phase 1B	4	U (0.042) - 0.077	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-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 (0.38) - 0.40	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) - 0.19	0.077	91	46
SVOC	Benzo(a)pyrene	302-AJ05	Phase 1B	2	U (0.16) - 0.050	0.065	91	46
SVOC	Benzo(a)pyrene	302-AJ06	Phase 1B	5	0.089 - 0.30	0.13	91	46
SVOC	Benzo(a)pyrene	302-AK05	Phase 1B	5	0.052 - 0.65	0.18	91	46
SVOC	Benzo(a)pyrene	302-AK07	Phase 1B	13	U (0.043) - 2.6	0.49	91	46
SVOC	Benzo(a)pyrene	302-AL03	Phase 1B	2	U (0.092) - 0.094	0.070	91	46
SVOC	Benzo(a)pyrene	302-AL05	Phase 1B	13	U (0.42) - 5.0	0.92	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) - 0.091	0.054	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 (0.40) - 0.18	0.072	91	46
SVOC	Benzo(a)pyrene	302-AP04	Phase 1B	2	U (0.039) - 0.095	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-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-AR04	Phase 1B	3	U (0.12) - 0.044	0.047	91	46
SVOC	Benzo(a)pyrene	302-AS04	Phase 1B	2	U (0.042)	0.021	91	46
SVOC	Benzo(a)pyrene	302-AT01	Phase 1B	2	U (0.30)	0.15	91	46
SVOC	Benzo(a)pyrene	302-AT02	Phase 1B	2	U (0.77) - 0.17	0.28	91	46
SVOC	Benzo(a)pyrene	302-AT03	Phase 1B	4	U (0.039) - 0.035	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)	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-AV02	Phase 1B	4	U (0.78)	0.16	91	46
SVOC	Benzo(a)pyrene	302-AV04	Phase 1B	2	U (0.042)	0.020	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-AX02	Phase 1B	3	U (0.038)	0.018	91	46
SVOC	Benzo(a)pyrene	302-AY02	Phase 1B	14	0.043 - 8.2	2.3	91	46
SVOC	Benzo(a)pyrene	302-AY03	Phase 1B	2	0.084 - 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	0.70 - 3.8	3.5	91	46
SVOC	Benzo(a)pyrene	302-AZ03	Phase 1B	1	U (2.0)	1.0	91	46
SVOC	Benzo(a)pyrene	302-BA03	Phase 1B	3	U (0.099)	0.049	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-BC06	Phase 1B	8	U (0.23)	0.084	91	46
SVOC	Benzo(b)fluoranthene	301-AA02	Phase 1B	2	U (0.039) - 0.044	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-AB05	Phase 1B	6	0.053 - 0.092	0.056	76	170
SVOC	Benzo(b)fluoranthene	301-AC03	Phase 1B	2	0.58 - 0.72	0.65	76	170
SVOC	Benzo(b)fluoranthene	301-T01	Phase 1B	5	0.28 - 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-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) - 0.069	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-W01	Phase 1B	24	U (0.13) - 0.49	0.064	76	170
SVOC	Benzo(b)fluoranthene	301-X01	Phase 1B	11	0.0011 - 0.90	0.23	76	170
SVOC	Benzo(b)fluoranthene	301-Y01	Phase 1B	10	U (0.36) - 0.33	0.084	76	170

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-Y02	Phase 1B	4	U (0.17) - 0.46	0.14	76	170
SVOC	Benzo(b)fluoranthene	301-Z01	Phase 1B	6	U (0.039) - 0.019	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 - 0.20	0.077	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-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) - 0.41	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-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) - 0.31	0.16	76	170
SVOC	Benzo(b)fluoranthene	302-AF09	Phase 1B	5	U (0.040)	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-AG08	Phase 1B	6	0.066 - 2.1	0.52	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 (0.042) - 0.096	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-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 (0.38) - 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) - 0.23	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	0.10 - 0.34	0.12	76	170
SVOC	Benzo(b)fluoranthene	302-AK05	Phase 1B	5	0.045 - 1.2	0.31	76	170
SVOC	Benzo(b)fluoranthene	302-AK07	Phase 1B	13	U (0.043) - 3.2	0.63	76	170
SVOC	Benzo(b)fluoranthene	302-AL03	Phase 1B	2	U (0.092) - 0.12	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-AL08	Phase 1B	2	U (0.041)	0.019	76	170
SVOC	Benzo(b)fluoranthene	302-AN01	Phase 1B	2	U (0.035) - 0.099	0.058	76	170
SVOC	Benzo(b)fluoranthene	302-AP02	Phase 1B	2	U (0.042) - 0.60	0.31	76	170
SVOC	Benzo(b)fluoranthene	302-AP03	Phase 1B	23	U (0.40) - 0.19	0.068	76	170
SVOC	Benzo(b)fluoranthene	302-AP04	Phase 1B	2	U (0.039) - 0.11	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-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-AR04	Phase 1B	3	U (0.12) - 0.15	0.082	76	170
SVOC	Benzo(b)fluoranthene	302-AS04	Phase 1B	2	U (0.042)	0.021	76	170
SVOC	Benzo(b)fluoranthene	302-AT02	Phase 1B	2	0.22 - 14	7.0	76	170
SVOC	Benzo(b)fluoranthene	302-AT03	Phase 1B	4	U (0.039) - 0.033	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)	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-AV02	Phase 1B	4	U (0.59)	0.12	76	170
SVOC	Benzo(b)fluoranthene	302-AV04	Phase 1B	2	U (0.042)	0.020	76	170
SVOC	Benzo(b)fluoranthene	302-AW02	Phase 1B	2	U (1.9) - 2.0	1.0	76	170
SVOC	Benzo(b)fluoranthene	302-AX02	Phase 1B	3	U (0.038)	0.018	76	170
SVOC	Benzo(b)fluoranthene	302-AY02	Phase 1B	13	0.065 - 8.6	3.4	76	170
SVOC	Benzo(b)fluoranthene	302-AY03	Phase 1B	2	0.10 - 0.13	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	0.59 - 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-BA03	Phase 1B	3	U (0.19)	0.095	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	0.70 - 0.70	0.70	76	170
SVOC	Benzo(b)fluoranthene	302-BC06	Phase 1B	8	U (0.23)	0.067	76	170
SVOC	Benzo(g,h,i)perylene	301-AA02	Phase 1B	2	U (0.039) - 0.034	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-AB05	Phase 1B	6	0.026 - 0.088	0.054	190000	180
SVOC	Benzo(g,h,i)perylene	301-AC03	Phase 1B	2	0.28 - 0.40	0.34	190000	180
SVOC	Benzo(g,h,i)perylene	301-T01	Phase 1B	5	0.21 - 2.6	1.6	190000	180
SVOC	Benzo(g,h,i)perylene	301-T02	Phase 1B	2	0.18 - 1.4	0.79	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) - 0.048	0.023	190000	180
SVOC	Benzo(g,h,i)perylene	301-V02	Phase 1B	19	0.0053 - 5.0	0.37	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-X01	Phase 1B	11	0.21 - 0.91	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y01	Phase 1B	10	U (0.36) - 0.30	0.081	190000	180
SVOC	Benzo(g,h,i)perylene	301-Y02	Phase 1B	4	U (0.17) - 0.40	0.11	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
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	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-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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AE07	Phase 1B	3	U (0.11) - 0.35	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-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) - 0.23	0.12	190000	180
SVOC	Benzo(g,h,i)perylene	302-AF09	Phase 1B	5	U (0.040)	0.019	190000	180
SVOC	Benzo(g,h,i)perylene	302-AG04	Phase 1B	9	U (0.15) - 0.033	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-AG08	Phase 1B	6	U (0.042) - 1.0	0.28	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH05	Phase 1B	11	0.026 - 0.32	0.14	190000	180
SVOC	Benzo(g,h,i)perylene	302-AH06	Phase 1B	4	U (0.042) - 0.079	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-AI05	Phase 1B	11	U (0.16) - 0.36	0.099	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 (0.38) - 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-AK05	Phase 1B	5	0.051 - 0.72	0.18	190000	180
SVOC	Benzo(g,h,i)perylene	302-AK07	Phase 1B	13	U (0.043) - 1.4	0.29	190000	180
SVOC	Benzo(g,h,i)perylene	302-AL03	Phase 1B	2	U (0.092) - 0.062	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-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) - 0.079	0.048	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP02	Phase 1B	2	U (0.042) - 0.40	0.21	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP03	Phase 1B	23	U (0.40) - 0.091	0.067	190000	180
SVOC	Benzo(g,h,i)perylene	302-AP04	Phase 1B	2	U (0.039) - 0.079	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-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-AR04	Phase 1B	3	U (0.12)	0.050	190000	180
SVOC	Benzo(g,h,i)perylene	302-AS04	Phase 1B	2	U (0.042)	0.021	190000	180
SVOC	Benzo(g,h,i)perylene	302-AT02	Phase 1B	2	0.38 - 4.7	2.5	190000	180
SVOC	Benzo(g,h,i)perylene	302-AT03	Phase 1B	4	U (0.039) - 0.066	0.031	190000	180
SVOC	Benzo(g,h,i)perylene	302-AU01	Phase 1B	4	U (0.16) - 2.0	0.60	190000	180
SVOC	Benzo(g,h,i)perylene	302-AU02	Phase 1B	8	U (4.0)	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-AV02	Phase 1B	4	U (0.78)	0.16	190000	180
SVOC	Benzo(g,h,i)perylene	302-AV04	Phase 1B	2	U (0.042)	0.020	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-AX02	Phase 1B	3	U (0.038)	0.018	190000	180
SVOC	Benzo(g,h,i)perylene	302-AY02	Phase 1B	13	0.034 - 5.0	2.4	190000	180
SVOC	Benzo(g,h,i)perylene	302-AY03	Phase 1B	2	0.059 - 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 (2.0)	1.0	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-BB07	Phase 1B	9	U (0.16) - 0.26	0.085	190000	180
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-BC06	Phase 1B	8	U (0.23)	0.084	190000	180
SVOC	Chrysene	301-AA02	Phase 1B	2	U (0.039) - 0.041	0.030	760	230
SVOC	Chrysene	301-AA05	Phase 1B	11	U (2.1) - 1.9	0.50	760	230
SVOC	Chrysene	301-AB05	Phase 1B	6	0.064 - 0.46	0.15	760	230
SVOC	Chrysene	301-AC03	Phase 1B	2	0.67 - 0.86	0.77	760	230
SVOC	Chrysene	301-T01	Phase 1B	5	0.39 - 8.5	2.7	760	230
SVOC	Chrysene	301-T02	Phase 1B	2	0.27 - 6.9	3.6	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) - 0.52	0.13	760	230
SVOC	Chrysene	301-V02	Phase 1B	19	0.00092 - 20	1.5	760	230
SVOC	Chrysene	301-W01	Phase 1B	24	U (0.13) - 0.78	0.10	760	230
SVOC	Chrysene	301-X01	Phase 1B	11	0.0021 - 2.0	0.41	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-Z01	Phase 1B	6	U (0.039) - 0.019	0.018	760	230
SVOC	Chrysene	301-Z02	Phase 1B	2	U (0.18) - 0.30	0.16	760	230
SVOC	Chrysene	301-Z03	Phase 1B	5	0.014 - 0.60	0.22	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-AE03	Phase 1B	4	U (0.18) - 2.3	0.61	760	230
SVOC	Chrysene	302-AE04	Phase 1B	8	U (0.56) - 0.40	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) - 0.73	0.28	760	230
SVOC	Chrysene	302-AE08	Phase 1B	3	0.00066 - 0.00066	0.039	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	0.020 - 0.30	0.16	760	230
SVOC	Chrysene	302-AF09	Phase 1B	5	U (0.040) - 0.048	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-AG08	Phase 1B	6	0.15 - 1.9	0.63	760	230
SVOC	Chrysene	302-AH05	Phase 1B	11	0.036 - 0.76	0.23	760	230

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AH06	Phase 1B	4	U (0.042) - 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-AI05	Phase 1B	11	U (0.12) - 0.57	0.11	760	230
SVOC	Chrysene	302-AI06	Phase 1B	19	0.028 - 2.2	0.32	760	230
SVOC	Chrysene	302-AI07	Phase 1B	10	U (0.38) - 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) - 0.23	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-AK05	Phase 1B	5	0.064 - 3.1	0.69	760	230
SVOC	Chrysene	302-AK07	Phase 1B	13	U (0.043) - 4.0	0.77	760	230
SVOC	Chrysene	302-AL03	Phase 1B	2	0.050 - 0.080	0.065	760	230
SVOC	Chrysene	302-AL05	Phase 1B	13	U (0.42) - 2.8	0.86	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) - 0.11	0.062	760	230
SVOC	Chrysene	302-AP02	Phase 1B	2	U (0.042) - 0.39	0.21	760	230
SVOC	Chrysene	302-AP03	Phase 1B	23	U (0.40) - 0.13	0.065	760	230
SVOC	Chrysene	302-AP04	Phase 1B	2	U (0.039) - 0.097	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-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-AR04	Phase 1B	3	U (0.12)	0.050	760	230
SVOC	Chrysene	302-AS04	Phase 1B	2	U (0.042)	0.021	760	230
SVOC	Chrysene	302-AT01	Phase 1B	2	U (0.30) - 0.77	0.46	760	230
SVOC	Chrysene	302-AT02	Phase 1B	2	0.19 - 55	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)	0.30	760	230
SVOC	Chrysene	302-AU03	Phase 1B	2	U (0.12)	0.060	760	230
SVOC	Chrysene	302-AV02	Phase 1B	4	U (0.59) - 0.20	0.094	760	230
SVOC	Chrysene	302-AV04	Phase 1B	2	U (0.042)	0.020	760	230
SVOC	Chrysene	302-AW02	Phase 1B	2	U (1.9) - 2.4	1.2	760	230
SVOC	Chrysene	302-AX02	Phase 1B	3	U (0.038)	0.018	760	230
SVOC	Chrysene	302-AY02	Phase 1B	14	0.066 - 27	4.7	760	230
SVOC	Chrysene	302-AY03	Phase 1B	2	0.11 - 0.14	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	0.69 - 4.4	3.7	760	230
SVOC	Chrysene	302-AZ03	Phase 1B	1	0.81 - 0.81	0.81	760	230
SVOC	Chrysene	302-BA03	Phase 1B	3	U (0.099)	0.049	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-BC06	Phase 1B	8	U (0.23)	0.067	760	230
SVOC	Fluorene	301-AA02	Phase 1B	2	U (0.039)	0.019	130000	3800
SVOC	Fluorene	301-AA05	Phase 1B	11	0.030 - 1.5	0.62	130000	3800
SVOC	Fluorene	301-AB05	Phase 1B	6	0.12 - 2.1	0.44	130000	3800
SVOC	Fluorene	301-AC03	Phase 1B	2	0.055 - 0.055	0.075	130000	3800
SVOC	Fluorene	301-T01	Phase 1B	5	0.22 - 0.22	1.2	130000	3800
SVOC	Fluorene	301-T02	Phase 1B	7	0.18 - 13	2.8	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) - 0.83	0.24	130000	3800
SVOC	Fluorene	301-V02	Phase 1B	19	0.0011 - 3.5	0.48	130000	3800
SVOC	Fluorene	301-W01	Phase 1B	24	0.045 - 2.1	0.17	130000	3800
SVOC	Fluorene	301-X01	Phase 1B	11	0.011 - 1.3	0.41	130000	3800
SVOC	Fluorene	301-Y01	Phase 1B	10	U (0.36) - 1.4	0.18	130000	3800
SVOC	Fluorene	301-Y02	Phase 1B	4	U (0.17) - 2.4	0.63	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) - 6.3	1.8	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-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) - 0.39	0.17	130000	3800
SVOC	Fluorene	302-AE08	Phase 1B	3	U (0.19)	0.063	130000	3800
SVOC	Fluorene	302-AF04	Phase 1B	22	0.036 - 2.9	0.35	130000	3800
SVOC	Fluorene	302-AF05	Phase 1B	2	0.028 - 0.25	0.14	130000	3800
SVOC	Fluorene	302-AF09	Phase 1B	5	U (0.040) - 0.40	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) - 0.093	0.034	130000	3800
SVOC	Fluorene	302-AG08	Phase 1B	6	0.067 - 2.2	0.63	130000	3800
SVOC	Fluorene	302-AH05	Phase 1B	11	0.050 - 3.4	0.77	130000	3800
SVOC	Fluorene	302-AH06	Phase 1B	4	U (0.042)	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-AI05	Phase 1B	11	U (0.20) - 0.55	0.11	130000	3800
SVOC	Fluorene	302-AI06	Phase 1B	19	U (0.21) - 1.2	0.18	130000	3800
SVOC	Fluorene	302-AI07	Phase 1B	10	U (0.38) - 0.54	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

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AJ05	Phase 1B	2	U (0.20)	0.10	130000	3800
SVOC	Fluorene	302-AJ06	Phase 1B	5	0.045 - 0.045	0.088	130000	3800
SVOC	Fluorene	302-AK05	Phase 1B	5	0.19 - 0.59	0.17	130000	3800
SVOC	Fluorene	302-AK07	Phase 1B	13	0.090 - 4.2	0.64	130000	3800
SVOC	Fluorene	302-AL03	Phase 1B	2	3.4 - 3.4	1.7	130000	3800
SVOC	Fluorene	302-AL05	Phase 1B	13	U (0.42) - 0.60	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-AP02	Phase 1B	2	0.035 - 0.29	0.16	130000	3800
SVOC	Fluorene	302-AP03	Phase 1B	23	0.18 - 0.18	0.079	130000	3800
SVOC	Fluorene	302-AP04	Phase 1B	2	0.23 - 0.23	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-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-AR04	Phase 1B	3	U (0.12)	0.050	130000	3800
SVOC	Fluorene	302-AS04	Phase 1B	2	0.10 - 0.10	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) - 0.029	0.21	130000	3800
SVOC	Fluorene	302-AT03	Phase 1B	4	U (0.039) - 0.83	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) - 0.052	0.33	130000	3800
SVOC	Fluorene	302-AU03	Phase 1B	2	U (0.19)	0.095	130000	3800
SVOC	Fluorene	302-AV02	Phase 1B	4	U (0.98) - 4.9	1.3	130000	3800
SVOC	Fluorene	302-AV04	Phase 1B	2	U (0.042)	0.020	130000	3800
SVOC	Fluorene	302-AW02	Phase 1B	2	U (1.9)	0.53	130000	3800
SVOC	Fluorene	302-AX02	Phase 1B	3	U (0.038)	0.018	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	0.057 - 30	8.1	130000	3800
SVOC	Fluorene	302-AZ03	Phase 1B	1	U (2.0)	1.0	130000	3800
SVOC	Fluorene	302-BA03	Phase 1B	3	U (0.075)	0.037	130000	3800
SVOC	Fluorene	302-BB07	Phase 1B	9	0.027 - 0.21	0.11	130000	3800
SVOC	Fluorene	302-BB08	Phase 1B	1	U (0.19)	0.095	130000	3800
SVOC	Fluorene	302-BC06	Phase 1B	8	0.023 - 0.074	0.088	130000	3800
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-AB05	Phase 1B	6	U (0.40) - 0.48	0.13	66	25
SVOC	Naphthalene	301-AC03	Phase 1B	2	U (0.19)	0.056	66	25
SVOC	Naphthalene	301-T01	Phase 1B	5	0.13 - 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-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-W01	Phase 1B	24	U (0.51) - 0.72	0.094	66	25
SVOC	Naphthalene	301-X01	Phase 1B	11	0.0017 - 0.62	0.15	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-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	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-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 - 0.090	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-AF03	Phase 1B	2	0.34 - 3.7	2.0	66	25
SVOC	Naphthalene	302-AF04	Phase 1B	22	U (0.19) - 7.0	0.42	66	25
SVOC	Naphthalene	302-AF05	Phase 1B	2	0.021 - 5.8	2.9	66	25
SVOC	Naphthalene	302-AF09	Phase 1B	5	U (0.040) - 2.0	0.42	66	25
SVOC	Naphthalene	302-AG04	Phase 1B	9	0.060 - 1.5	0.36	66	25
SVOC	Naphthalene	302-AG06	Phase 1B	5	U (0.041)	0.019	66	25
SVOC	Naphthalene	302-AG08	Phase 1B	6	0.13 - 12	2.2	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 (0.042)	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-AI05	Phase 1B	12	U (0.20) - 0.94	0.15	66	25
SVOC	Naphthalene	302-AI06	Phase 1B	19	U (0.21) - 2.6	0.24	66	25
SVOC	Naphthalene	302-AI07	Phase 1B	10	U (0.38) - 0.065	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) - 0.019	0.019	66	25
SVOC	Naphthalene	302-AJ05	Phase 1B	2	U (0.20) - 0.039	0.070	66	25
SVOC	Naphthalene	302-AJ06	Phase 1B	5	0.17 - 0.17	0.11	66	25
SVOC	Naphthalene	302-AK05	Phase 1B	5	0.074 - 1.2	0.32	66	25
SVOC	Naphthalene	302-AK07	Phase 1B	13	U (0.059) - 2.3	0.37	66	25
SVOC	Naphthalene	302-AL03	Phase 1B	2	8.9 - 8.9	4.5	66	25
SVOC	Naphthalene	302-AL05	Phase 1B	13	U (0.25) - 3.4	0.35	66	25

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-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-AP02	Phase 1B	2	U (0.042) - 0.17	0.094	66	25
SVOC	Naphthalene	302-AP03	Phase 1B	23	U (0.40) - 0.063	0.077	66	25
SVOC	Naphthalene	302-AP04	Phase 1B	2	0.032 - 2.4	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-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-AR04	Phase 1B	3	U (0.12)	0.050	66	25
SVOC	Naphthalene	302-AS04	Phase 1B	2	U (0.042)	0.021	66	25
SVOC	Naphthalene	302-AT02	Phase 1B	2	0.064 - 12	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)	0.34	66	25
SVOC	Naphthalene	302-AU03	Phase 1B	2	U (0.19)	0.095	66	25
SVOC	Naphthalene	302-AV02	Phase 1B	4	U (0.98) - 3.4	0.92	66	25
SVOC	Naphthalene	302-AV04	Phase 1B	2	U (0.042)	0.020	66	25
SVOC	Naphthalene	302-AW02	Phase 1B	2	U (1.9)	0.53	66	25
SVOC	Naphthalene	302-AX02	Phase 1B	3	U (0.038)	0.018	66	25
SVOC	Naphthalene	302-AY02	Phase 1B	22	0.20 - 118	16	66	25
SVOC	Naphthalene	302-AY03	Phase 1B	2	0.021 - 0.021	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 (2.0)	1.0	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-BC06	Phase 1B	8	0.059 - 5.9	0.80	66	25
SVOC	Phenanthrene	301-AA02	Phase 1B	2	0.022 - 0.033	0.027	190000	10000
SVOC	Phenanthrene	301-AA05	Phase 1B	11	0.019 - 2.8	0.91	190000	10000
SVOC	Phenanthrene	301-AB05	Phase 1B	6	0.096 - 3.4	0.73	190000	10000
SVOC	Phenanthrene	301-AC03	Phase 1B	2	0.53 - 1.8	1.2	190000	10000
SVOC	Phenanthrene	301-T01	Phase 1B	5	0.56 - 11	3.0	190000	10000
SVOC	Phenanthrene	301-T02	Phase 1B	7	0.099 - 39	8.4	190000	10000
SVOC	Phenanthrene	301-U01	Phase 1B	2	U (0.19) - 2.8	1.4	190000	10000
SVOC	Phenanthrene	301-U03	Phase 1B	1	U (0.17)	0.085	190000	10000
SVOC	Phenanthrene	301-V01	Phase 1B	7	U (0.041) - 2.6	0.63	190000	10000
SVOC	Phenanthrene	301-V02	Phase 1B	19	0.0024 - 4.7	0.86	190000	10000
SVOC	Phenanthrene	301-W01	Phase 1B	24	0.0026 - 4.1	0.27	190000	10000
SVOC	Phenanthrene	301-X01	Phase 1B	11	0.012 - 3.7	1.1	190000	10000
SVOC	Phenanthrene	301-Y01	Phase 1B	10	U (0.36) - 4.6	0.55	190000	10000
SVOC	Phenanthrene	301-Y02	Phase 1B	4	U (0.17) - 3.1	0.82	190000	10000
SVOC	Phenanthrene	301-Z01	Phase 1B	6	0.016 - 0.075	0.029	190000	10000
SVOC	Phenanthrene	301-Z02	Phase 1B	2	U (0.18) - 0.57	0.29	190000	10000
SVOC	Phenanthrene	301-Z03	Phase 1B	5	0.037 - 14	3.8	190000	10000
SVOC	Phenanthrene	302-AD06	Phase 1B	12	U (0.14) - 0.22	0.11	190000	10000
SVOC	Phenanthrene	302-AD07	Phase 1B	2	0.14 - 0.14	0.095	190000	10000
SVOC	Phenanthrene	302-AE03	Phase 1B	4	U (0.18) - 20	5.3	190000	10000
SVOC	Phenanthrene	302-AE04	Phase 1B	8	U (0.56) - 1.2	0.19	190000	10000
SVOC	Phenanthrene	302-AE05	Phase 1B	20	0.032 - 0.39	0.090	190000	10000
SVOC	Phenanthrene	302-AE07	Phase 1B	3	U (0.11) - 0.84	0.31	190000	10000
SVOC	Phenanthrene	302-AE08	Phase 1B	3	0.00093 - 0.00093	0.039	190000	10000
SVOC	Phenanthrene	302-AF04	Phase 1B	22	0.031 - 6.2	0.64	190000	10000
SVOC	Phenanthrene	302-AF05	Phase 1B	2	0.23 - 0.32	0.27	190000	10000
SVOC	Phenanthrene	302-AF09	Phase 1B	5	U (0.040) - 0.72	0.16	190000	10000
SVOC	Phenanthrene	302-AG04	Phase 1B	9	U (0.20) - 7.0	1.3	190000	10000
SVOC	Phenanthrene	302-AG06	Phase 1B	5	U (0.041) - 0.17	0.054	190000	10000
SVOC	Phenanthrene	302-AG08	Phase 1B	6	0.18 - 4.1	1.7	190000	10000
SVOC	Phenanthrene	302-AH05	Phase 1B	11	0.12 - 4.7	1.3	190000	10000
SVOC	Phenanthrene	302-AH06	Phase 1B	4	U (0.042) - 0.10	0.039	190000	10000
SVOC	Phenanthrene	302-AH07	Phase 1B	21	U (0.37) - 2.1	0.19	190000	10000
SVOC	Phenanthrene	302-AH08	Phase 1B	13	U (0.041) - 3.4	0.47	190000	10000
SVOC	Phenanthrene	302-AI05	Phase 1B	11	0.030 - 1.1	0.16	190000	10000
SVOC	Phenanthrene	302-AI06	Phase 1B	19	U (0.13) - 5.6	0.62	190000	10000
SVOC	Phenanthrene	302-AI07	Phase 1B	10	0.16 - 1.0	0.26	190000	10000
SVOC	Phenanthrene	302-AI08	Phase 1B	2	U (0.38)	0.11	190000	10000
SVOC	Phenanthrene	302-AI09	Phase 1B	3	U (0.041) - 0.30	0.11	190000	10000
SVOC	Phenanthrene	302-AJ05	Phase 1B	2	U (0.12) - 0.040	0.050	190000	10000
SVOC	Phenanthrene	302-AJ06	Phase 1B	5	0.074 - 0.37	0.12	190000	10000
SVOC	Phenanthrene	302-AK05	Phase 1B	5	0.16 - 1.8	0.52	190000	10000
SVOC	Phenanthrene	302-AK07	Phase 1B	13	0.12 - 9.3	1.9	190000	10000
SVOC	Phenanthrene	302-AL03	Phase 1B	2	0.081 - 10	5.0	190000	10000
SVOC	Phenanthrene	302-AL05	Phase 1B	13	U (0.42) - 4.3	1.2	190000	10000
SVOC	Phenanthrene	302-AL08	Phase 1B	2	U (0.041)	0.019	190000	10000
SVOC	Phenanthrene	302-AN01	Phase 1B	2	U (0.035) - 0.083	0.050	190000	10000
SVOC	Phenanthrene	302-AP02	Phase 1B	2	0.46 - 0.58	0.52	190000	10000
SVOC	Phenanthrene	302-AP03	Phase 1B	23	0.043 - 0.30	0.080	190000	10000
SVOC	Phenanthrene	302-AP04	Phase 1B	2	0.11 - 0.37	0.24	190000	10000
SVOC	Phenanthrene	302-AP05	Phase 1B	2	U (0.035)	0.017	190000	10000
SVOC	Phenanthrene	302-AQ01	Phase 1B	2	0.41 - 3.7	2.1	190000	10000
SVOC	Phenanthrene	302-AQ04	Phase 1B	2	U (0.11)	0.055	190000	10000
SVOC	Phenanthrene	302-AR01	Phase 1B	2	0.26 - 7.3	3.8	190000	10000
SVOC	Phenanthrene	302-AR04	Phase 1B	3	U (0.12)	0.050	190000	10000

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AS04	Phase 1B	2	0.045 - 0.045	0.032	190000	10000
SVOC	Phenanthrene	302-AT01	Phase 1B	2	U (0.64) - 2.3	1.3	190000	10000
SVOC	Phenanthrene	302-AT02	Phase 1B	2	0.21 - 34	17	190000	10000
SVOC	Phenanthrene	302-AT03	Phase 1B	4	U (0.039) - 0.90	0.24	190000	10000
SVOC	Phenanthrene	302-AU01	Phase 1B	4	U (0.21) - 2.4	0.80	190000	10000
SVOC	Phenanthrene	302-AU02	Phase 1B	8	U (4.0)	0.30	190000	10000
SVOC	Phenanthrene	302-AU03	Phase 1B	2	U (0.12)	0.060	190000	10000
SVOC	Phenanthrene	302-AV02	Phase 1B	4	U (0.59) - 14	3.6	190000	10000
SVOC	Phenanthrene	302-AV04	Phase 1B	2	U (0.042)	0.020	190000	10000
SVOC	Phenanthrene	302-AW02	Phase 1B	2	U (1.9) - 3.8	1.9	190000	10000
SVOC	Phenanthrene	302-AX02	Phase 1B	3	U (0.038)	0.018	190000	10000
SVOC	Phenanthrene	302-AY02	Phase 1B	14	0.051 - 160	26	190000	10000
SVOC	Phenanthrene	302-AY03	Phase 1B	2	0.087 - 0.17	0.13	190000	10000
SVOC	Phenanthrene	302-AY05	Phase 1B	2	U (0.19)	0.058	190000	10000
SVOC	Phenanthrene	302-AZ02	Phase 1B	8	0.61 - 58	11	190000	10000
SVOC	Phenanthrene	302-AZ03	Phase 1B	1	0.82 - 0.82	0.82	190000	10000
SVOC	Phenanthrene	302-BA03	Phase 1B	3	U (0.21)	0.11	190000	10000
SVOC	Phenanthrene	302-BB07	Phase 1B	9	0.029 - 0.68	0.27	190000	10000
SVOC	Phenanthrene	302-BB08	Phase 1B	1	0.30 - 0.30	0.30	190000	10000
SVOC	Phenanthrene	302-BC06	Phase 1B	8	0.024 - 0.15	0.073	190000	10000
SVOC	Pyrene	301-AA02	Phase 1B	2	U (0.039) - 0.057	0.038	96000	2200
SVOC	Pyrene	301-AA05	Phase 1B	11	U (2.1) - 0.89	0.28	96000	2200
SVOC	Pyrene	301-AB05	Phase 1B	6	0.042 - 0.35	0.12	96000	2200
SVOC	Pyrene	301-AC03	Phase 1B	2	0.82 - 1.6	1.2	96000	2200
SVOC	Pyrene	301-T01	Phase 1B	5	0.62 - 13	3.9	96000	2200
SVOC	Pyrene	301-T02	Phase 1B	2	0.53 - 1.7	1.1	96000	2200
SVOC	Pyrene	301-U01	Phase 1B	2	U (0.19) - 3.0	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) - 0.31	0.11	96000	2200
SVOC	Pyrene	301-V02	Phase 1B	19	0.0013 - 41	2.5	96000	2200
SVOC	Pyrene	301-W01	Phase 1B	24	0.0023 - 0.28	0.053	96000	2200
SVOC	Pyrene	301-X01	Phase 1B	11	0.0029 - 2.2	0.65	96000	2200
SVOC	Pyrene	301-Y01	Phase 1B	10	0.020 - 0.57	0.13	96000	2200
SVOC	Pyrene	301-Y02	Phase 1B	4	U (0.17) - 1.7	0.55	96000	2200
SVOC	Pyrene	301-Z01	Phase 1B	6	U (0.039) - 0.035	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 - 0.94	0.30	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-AE03	Phase 1B	4	0.043 - 3.0	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) - 1.0	0.38	96000	2200
SVOC	Pyrene	302-AE08	Phase 1B	3	0.0014 - 0.0014	0.039	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	0.062 - 0.42	0.24	96000	2200
SVOC	Pyrene	302-AF09	Phase 1B	5	U (0.040) - 0.090	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) - 0.058	0.029	96000	2200
SVOC	Pyrene	302-AG08	Phase 1B	6	0.17 - 3.0	0.83	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 (0.042) - 0.17	0.058	96000	2200
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-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 (0.38) - 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) - 0.35	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-AK05	Phase 1B	5	0.046 - 2.0	0.51	96000	2200
SVOC	Pyrene	302-AK07	Phase 1B	13	U (0.20) - 7.2	1.1	96000	2200
SVOC	Pyrene	302-AL03	Phase 1B	2	0.12 - 0.63	0.37	96000	2200
SVOC	Pyrene	302-AL05	Phase 1B	13	U (0.42) - 4.4	1.3	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-AP02	Phase 1B	2	0.045 - 0.62	0.33	96000	2200
SVOC	Pyrene	302-AP03	Phase 1B	23	0.050 - 0.31	0.077	96000	2200
SVOC	Pyrene	302-AP04	Phase 1B	2	0.022 - 0.13	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-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-AR04	Phase 1B	3	U (0.12) - 0.060	0.052	96000	2200
SVOC	Pyrene	302-AS04	Phase 1B	2	U (0.042)	0.021	96000	2200
SVOC	Pyrene	302-AT01	Phase 1B	2	U (0.30) - 0.81	0.48	96000	2200
SVOC	Pyrene	302-AT02	Phase 1B	2	0.19 - 7.3	3.7	96000	2200
SVOC	Pyrene	302-AT03	Phase 1B	4	U (0.039) - 0.040	0.027	96000	2200
SVOC	Pyrene	302-AU01	Phase 1B	4	0.21 - 3.1	0.99	96000	2200
SVOC	Pyrene	302-AU02	Phase 1B	8	U (4.0)	0.30	96000	2200
SVOC	Pyrene	302-AU03	Phase 1B	2	U (0.12)	0.060	96000	2200
SVOC	Pyrene	302-AV02	Phase 1B	4	U (0.59) - 0.58	0.19	96000	2200

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AV04	Phase 1B	2	U (0.042)	0.020	96000	2200
SVOC	Pyrene	302-AW02	Phase 1B	2	U (1.9) - 5.3	2.7	96000	2200
SVOC	Pyrene	302-AX02	Phase 1B	3	U (0.038)	0.018	96000	2200
SVOC	Pyrene	302-AY02	Phase 1B	14	0.077 - 32	7.1	96000	2200
SVOC	Pyrene	302-AY03	Phase 1B	2	0.15 - 0.17	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	0.10 - 60	9.6	96000	2200
SVOC	Pyrene	302-AZ03	Phase 1B	1	1.1 - 1.1	1.1	96000	2200
SVOC	Pyrene	302-BA03	Phase 1B	3	U (0.074) - 0.18	0.12	96000	2200
SVOC	Pyrene	302-BB07	Phase 1B	9	0.027 - 0.67	0.12	96000	2200
SVOC	Pyrene	302-BB08	Phase 1B	1	0.90 - 0.90	0.90	96000	2200
SVOC	Pyrene	302-BC06	Phase 1B	8	0.024 - 0.031	0.054	96000	2200
INORG	Lead	301-AA02	Phase 1B	2	7.6 - 26	17	1000	450
INORG	Lead	301-AA05	Phase 1B	16	4.7 - 1100	186	1000	450
INORG	Lead	301-AB05	Phase 1B	6	5.1 - 216	67	1000	450
INORG	Lead	301-AC03	Phase 1B	2	9.9 - 65	37	1000	450
INORG	Lead	301-T01	Phase 1B	5	3.1 - 384	145	1000	450
INORG	Lead	301-T02	Phase 1B	2	25 - 121	73	1000	450
INORG	Lead	301-U01	Phase 1B	2	7.9 - 145	76	1000	450
INORG	Lead	301-U03	Phase 1B	1	4.3 - 4.3	4.3	1000	450
INORG	Lead	301-V01	Phase 1B	7	2.6 - 100	25	1000	450
INORG	Lead	301-V02	Phase 1B	19	0.0070 - 168	35	1000	450
INORG	Lead	301-W01	Phase 1B	24	4.0 - 433	26	1000	450
INORG	Lead	301-X01	Phase 1B	9	2.4 - 48	16	1000	450
INORG	Lead	301-Y01	Phase 1B	5	4.6 - 55	21	1000	450
INORG	Lead	301-Z01	Phase 1B	6	3.2 - 33	10	1000	450
INORG	Lead	301-Z02	Phase 1B	2	10 - 48	29	1000	450
INORG	Lead	301-Z03	Phase 1B	6	3.5 - 393	110	1000	450
INORG	Lead	302-AD06	Phase 1B	12	7.1 - 532	140	1000	450
INORG	Lead	302-AD07	Phase 1B	2	3.3 - 53	28	1000	450
INORG	Lead	302-AE04	Phase 1B	8	5.2 - 278	54	1000	450
INORG	Lead	302-AE05	Phase 1B	20	2.5 - 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-AF03	Phase 1B	2	12 - 50	31	1000	450
INORG	Lead	302-AF04	Phase 1B	12	7.7 - 176	65	1000	450
INORG	Lead	302-AF05	Phase 1B	11	4.2 - 3100	1222	1000	450
INORG	Lead	302-AF09	Phase 1B	5	4.4 - 22	11	1000	450
INORG	Lead	302-AG04	Phase 1B	3	9.8 - 165	99	1000	450
INORG	Lead	302-AG06	Phase 1B	5	11 - 19	14	1000	450
INORG	Lead	302-AH04	Phase 1B	8	7.1 - 344	136	1000	450
INORG	Lead	302-AH05	Phase 1B	2	6.6 - 51	29	1000	450
INORG	Lead	302-AH06	Phase 1B	4	4.1 - 47	16	1000	450
INORG	Lead	302-AH07	Phase 1B	12	2.5 - 92	16	1000	450
INORG	Lead	302-AI05	Phase 1B	3	7.9 - 42	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 - 61	37	1000	450
INORG	Lead	302-AI09	Phase 1B	3	1.5 - 206	73	1000	450
INORG	Lead	302-AK05	Phase 1B	2	64 - 86	75	1000	450
INORG	Lead	302-AK07	Phase 1B	2	5.9 - 7.0	6.4	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	16	1000	450
INORG	Lead	302-AN01	Phase 1B	2	4.3 - 85	45	1000	450
INORG	Lead	302-AP02	Phase 1B	2	11 - 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 - 500	257	1000	450
INORG	Lead	302-AP05	Phase 1B	2	5.2 - 50	27	1000	450
INORG	Lead	302-AQ01	Phase 1B	2	254 - 538	396	1000	450
INORG	Lead	302-AQ04	Phase 1B	2	7.3 - 61	34	1000	450
INORG	Lead	302-AR01	Phase 1B	2	27 - 814	421	1000	450
INORG	Lead	302-AR04	Phase 1B	3	6.2 - 44	21	1000	450
INORG	Lead	302-AS04	Phase 1B	2	14 - 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	4.3 - 4.9	4.6	1000	450
INORG	Lead	302-AV02	Phase 1B	4	6.9 - 74	26	1000	450
INORG	Lead	302-AV04	Phase 1B	2	2.2 - 9.5	5.9	1000	450
INORG	Lead	302-AW02	Phase 1B	2	4.5 - 151	78	1000	450
INORG	Lead	302-AX02	Phase 1B	3	5.7 - 14	9.6	1000	450
INORG	Lead	302-AY02	Phase 1B	20	58 - 479	234	1000	450
INORG	Lead	302-AY03	Phase 1B	2	93 - 409	251	1000	450
INORG	Lead	302-AY05	Phase 1B	2	2.7 - 11	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-BA03	Phase 1B	3	30 - 179	85	1000	450
INORG	Lead	302-BB07	Phase 1B	9	5.2 - 168	44	1000	450
INORG	Lead	302-BB08	Phase 1B	1	192 - 192	192	1000	450
INORG	Lead	302-BC06	Phase 1B	8	5.9 - 49	20	1000	450
VOC	Benzene	301-L01	Phase 1C	7	U (0.32) - 0.34	0.11	280	0.50

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-T03	Phase 1C	2	U (0.0072)	0.0032	280	0.50
VOC	Benzene	302-AD02	Phase 1C	2	U (0.0040)	0.0011	280	0.50
VOC	Benzene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	280	0.50
VOC	Benzene	302-AE02	Phase 1C	2	0.0030 - 0.0090	0.0060	280	0.50
VOC	Benzene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	280	0.50
VOC	Benzene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	280	0.50
VOC	Benzene	302-AG02	Phase 1C	2	U (1.7)	0.43	280	0.50
VOC	Benzene	302-AH01	Phase 1C	2	U (0.0050)	0.0015	280	0.50
VOC	Benzene	302-AH03	Phase 1C	2	U (0.032)	0.016	280	0.50
VOC	Benzene	302-AI01	Phase 1C	2	0.0024 - 0.0024	0.0013	280	0.50
VOC	Benzene	302-AI03	Phase 1C	1	0.22 - 0.22	0.22	280	0.50
VOC	Benzene	302-AI04	Phase 1C	2	U (0.030)	0.015	280	0.50
VOC	Benzene	302-AJ04	Phase 1C	1	U (0.025)	0.013	280	0.50
VOC	Cumene	301-L01	Phase 1C	7	0.86 - 4.7	1.1	10000	2500
VOC	Cumene	301-T03	Phase 1C	2	U (0.0072)	0.0032	10000	2500
VOC	Cumene	302-AD02	Phase 1C	2	U (0.0040)	0.0016	10000	2500
VOC	Cumene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	10000	2500
VOC	Cumene	302-AE02	Phase 1C	2	U (0.0070)	0.0028	10000	2500
VOC	Cumene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	10000	2500
VOC	Cumene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	10000	2500
VOC	Cumene	302-AG02	Phase 1C	2	16 - 16	8.0	10000	2500
VOC	Cumene	302-AH01	Phase 1C	2	U (0.0050)	0.0025	10000	2500
VOC	Cumene	302-AH03	Phase 1C	2	U (0.064)	0.031	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-AJ04	Phase 1C	1	U (0.051)	0.026	10000	2500
VOC	Ethyl Benzene	301-L01	Phase 1C	7	U (0.32)	0.076	880	70
VOC	Ethyl Benzene	301-T03	Phase 1C	2	U (0.0072)	0.0032	880	70
VOC	Ethyl Benzene	302-AD02	Phase 1C	2	U (0.0040)	0.0011	880	70
VOC	Ethyl Benzene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	880	70
VOC	Ethyl Benzene	302-AE02	Phase 1C	2	U (0.0070)	0.0028	880	70
VOC	Ethyl Benzene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	880	70
VOC	Ethyl Benzene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	880	70
VOC	Ethyl Benzene	302-AG02	Phase 1C	2	U (1.7)	0.43	880	70
VOC	Ethyl Benzene	302-AH01	Phase 1C	2	U (0.0050)	0.0015	880	70
VOC	Ethyl Benzene	302-AH03	Phase 1C	2	U (0.064)	0.031	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-AJ04	Phase 1C	1	U (0.051)	0.026	880	70
VOC	Methyl tert-butyl ether	301-L01	Phase 1C	7	U (0.32)	0.076	8500	2.0
VOC	Methyl tert-butyl ether	301-T03	Phase 1C	2	U (0.0072)	0.0032	8500	2.0
VOC	Methyl tert-butyl ether	302-AD02	Phase 1C	2	U (0.0040)	0.0011	8500	2.0
VOC	Methyl tert-butyl ether	302-AH01	Phase 1C	2	U (0.0050)	0.0015	8500	2.0
VOC	Methyl tert-butyl ether	302-AH03	Phase 1C	2	U (0.032)	0.016	8500	2.0
VOC	Methyl tert-butyl ether	302-AI01	Phase 1C	2	U (0.0012)	0.00058	8500	2.0
VOC	Methyl tert-butyl ether	302-AI03	Phase 1C	1	U (0.029)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	302-AI04	Phase 1C	2	U (0.030)	0.015	8500	2.0
VOC	Methyl tert-butyl ether	302-AJ04	Phase 1C	1	U (0.025)	0.013	8500	2.0
VOC	Toluene	301-L01	Phase 1C	7	U (0.32)	0.076	10000	100
VOC	Toluene	301-T03	Phase 1C	2	U (0.0072)	0.0032	10000	100
VOC	Toluene	302-AD02	Phase 1C	2	U (0.0040)	0.0011	10000	100
VOC	Toluene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	10000	100
VOC	Toluene	302-AE02	Phase 1C	2	0.0010 - 0.0030	0.0020	10000	100
VOC	Toluene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	10000	100
VOC	Toluene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	10000	100
VOC	Toluene	302-AG02	Phase 1C	2	U (1.7)	0.43	10000	100
VOC	Toluene	302-AH01	Phase 1C	2	U (0.0050)	0.0015	10000	100
VOC	Toluene	302-AH03	Phase 1C	2	U (0.064)	0.031	10000	100
VOC	Toluene	302-AI01	Phase 1C	2	0.0013 - 0.0013	0.00095	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-AJ04	Phase 1C	1	U (0.051)	0.026	10000	100
VOC	1,2,4-Trimethylbenzene	301-L01	Phase 1C	7	U (0.32)	0.086	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	302-AD02	Phase 1C	2	U (0.0040)	0.0016	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	4700	300
VOC	1,2,4-Trimethylbenzene	302-AE02	Phase 1C	2	U (0.0070)	0.0028	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	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-AH01	Phase 1C	2	U (0.0050)	0.0025	4700	300
VOC	1,2,4-Trimethylbenzene	302-AI01	Phase 1C	2	U (0.0023)	0.0011	4700	300
VOC	1,3,5-Trimethylbenzene	301-L01	Phase 1C	7	U (0.32)	0.086	4700	93
VOC	1,3,5-Trimethylbenzene	301-T03	Phase 1C	2	U (0.0072)	0.0032	4700	93
VOC	1,3,5-Trimethylbenzene	302-AD02	Phase 1C	2	U (0.0040)	0.0016	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	4700	93
VOC	1,3,5-Trimethylbenzene	302-AE02	Phase 1C	2	U (0.0070)	0.0028	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	4700	93
VOC	1,3,5-Trimethylbenzene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	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-AH01	Phase 1C	2	U (0.0050)	0.0025	4700	93

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AI01	Phase 1C	2	U (0.0023)	0.0011	4700	93
VOC	Xylenes (total)	301-L01	Phase 1C	7	U (0.64)	0.15	7900	1000
VOC	Xylenes (total)	301-T03	Phase 1C	2	U (0.014)	0.0063	7900	1000
VOC	Xylenes (total)	302-AD02	Phase 1C	2	U (0.0040)	0.0011	7900	1000
VOC	Xylenes (total)	302-AE01	Phase 1C	1	U (0.0060)	0.0030	7900	1000
VOC	Xylenes (total)	302-AE02	Phase 1C	2	0.0020 - 0.0020	0.0020	7900	1000
VOC	Xylenes (total)	302-AF01	Phase 1C	1	U (0.0050)	0.0025	7900	1000
VOC	Xylenes (total)	302-AF02	Phase 1C	4	U (0.0070)	0.0028	7900	1000
VOC	Xylenes (total)	302-AG02	Phase 1C	2	U (1.7)	0.43	7900	1000
VOC	Xylenes (total)	302-AH01	Phase 1C	2	U (0.0050)	0.0015	7900	1000
VOC	Xylenes (total)	302-AH03	Phase 1C	2	U (0.064)	0.031	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-AJ04	Phase 1C	1	U (0.051)	0.026	7900	1000
SVOC	Anthracene	301-L01	Phase 1C	7	0.17 - 0.42	0.15	190000	350
SVOC	Anthracene	301-T03	Phase 1C	2	0.23 - 0.23	0.14	190000	350
SVOC	Anthracene	302-AD02	Phase 1C	2	U (0.19)	0.057	190000	350
SVOC	Anthracene	302-AH01	Phase 1C	2	U (0.19)	0.057	190000	350
SVOC	Anthracene	302-AI01	Phase 1C	2	U (0.040) - 0.086	0.052	190000	350
SVOC	Benzo(a)anthracene	301-L01	Phase 1C	7	0.054 - 0.090	0.063	130	340
SVOC	Benzo(a)anthracene	301-T03	Phase 1C	2	0.34 - 0.34	0.19	130	340
SVOC	Benzo(a)anthracene	302-AD02	Phase 1C	2	U (0.19)	0.057	130	340
SVOC	Benzo(a)anthracene	302-AH01	Phase 1C	2	U (0.19) - 0.30	0.16	130	340
SVOC	Benzo(a)anthracene	302-AI01	Phase 1C	2	U (0.040) - 0.24	0.13	130	340
SVOC	Benzo(a)pyrene	301-L01	Phase 1C	7	0.037 - 9.2	1.3	91	46
SVOC	Benzo(a)pyrene	301-T03	Phase 1C	2	U (0.090)	0.045	91	46
SVOC	Benzo(a)pyrene	302-AD02	Phase 1C	2	U (0.19)	0.057	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-AI01	Phase 1C	2	U (0.040) - 0.27	0.15	91	46
SVOC	Benzo(b)fluoranthene	301-L01	Phase 1C	7	0.043 - 4.3	0.65	76	170
SVOC	Benzo(b)fluoranthene	301-T03	Phase 1C	2	U (0.090)	0.045	76	170
SVOC	Benzo(b)fluoranthene	302-AD02	Phase 1C	2	U (0.19)	0.057	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-AI01	Phase 1C	2	U (0.040) - 0.35	0.19	76	170
SVOC	Benzo(g,h,i)perylene	301-L01	Phase 1C	7	0.020 - 5.0	0.74	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	302-AD02	Phase 1C	2	U (0.19)	0.057	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-AI01	Phase 1C	2	U (0.040) - 0.21	0.11	190000	180
SVOC	Chrysene	301-L01	Phase 1C	7	0.047 - 17	2.5	760	230
SVOC	Chrysene	301-T03	Phase 1C	2	U (0.090)	0.045	760	230
SVOC	Chrysene	302-AD02	Phase 1C	2	U (0.19)	0.057	760	230
SVOC	Chrysene	302-AH01	Phase 1C	2	U (0.19) - 0.30	0.16	760	230
SVOC	Chrysene	302-AI01	Phase 1C	2	U (0.040) - 0.27	0.14	760	230
SVOC	Fluorene	301-L01	Phase 1C	7	0.22 - 2.1	0.61	130000	3800
SVOC	Fluorene	301-T03	Phase 1C	2	0.16 - 0.16	0.10	130000	3800
SVOC	Fluorene	302-AD02	Phase 1C	2	U (0.19)	0.057	130000	3800
SVOC	Fluorene	302-AH01	Phase 1C	2	U (0.19)	0.057	130000	3800
SVOC	Fluorene	302-AI01	Phase 1C	2	U (0.040) - 0.041	0.029	130000	3800
SVOC	Naphthalene	301-L01	Phase 1C	7	0.39 - 0.39	0.13	66	25
SVOC	Naphthalene	301-T03	Phase 1C	2	0.037 - 0.037	0.020	66	25
SVOC	Naphthalene	302-AD02	Phase 1C	2	U (0.19)	0.057	66	25
SVOC	Naphthalene	302-AE01	Phase 1C	1	U (0.0060)	0.0030	66	25
SVOC	Naphthalene	302-AE02	Phase 1C	2	U (0.0070)	0.0028	66	25
SVOC	Naphthalene	302-AF01	Phase 1C	1	U (0.0050)	0.0025	66	25
SVOC	Naphthalene	302-AF02	Phase 1C	4	U (0.0070)	0.0028	66	25
SVOC	Naphthalene	302-AG02	Phase 1C	2	0.52 - 0.52	0.26	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-AI01	Phase 1C	2	U (0.040) - 0.055	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-AJ04	Phase 1C	1	U (0.051)	0.026	66	25
SVOC	Phenanthrene	301-L01	Phase 1C	7	0.60 - 4.8	1.5	190000	10000
SVOC	Phenanthrene	301-T03	Phase 1C	2	1.2 - 1.2	0.62	190000	10000
SVOC	Phenanthrene	302-AD02	Phase 1C	2	U (0.19)	0.057	190000	10000
SVOC	Phenanthrene	302-AH01	Phase 1C	2	U (0.19) - 0.24	0.13	190000	10000
SVOC	Phenanthrene	302-AI01	Phase 1C	2	U (0.040) - 0.40	0.21	190000	10000
SVOC	Pyrene	301-L01	Phase 1C	7	0.13 - 7.1	1.2	96000	2200
SVOC	Pyrene	301-T03	Phase 1C	2	1.1 - 1.1	0.57	96000	2200
SVOC	Pyrene	302-AD02	Phase 1C	2	U (0.19)	0.057	96000	2200
SVOC	Pyrene	302-AH01	Phase 1C	2	U (0.19) - 0.48	0.25	96000	2200
SVOC	Pyrene	302-AI01	Phase 1C	2	U (0.040) - 0.40	0.21	96000	2200
INORG	Lead	301-L01	Phase 1C	7	3.2 - 86	21	1000	450
INORG	Lead	301-T03	Phase 1C	2	U (1.3) - 6.5	3.6	1000	450
INORG	Lead	302-AD02	Phase 1C	2	8.1 - 19	14	1000	450
INORG	Lead	302-AE01	Phase 1C	1	10 - 10	10	1000	450
INORG	Lead	302-AE02	Phase 1C	2	240 - 547	394	1000	450
INORG	Lead	302-AF01	Phase 1C	1	11 - 11	11	1000	450
INORG	Lead	302-AF02	Phase 1C	4	7.8 - 10	9.0	1000	450
INORG	Lead	302-AG02	Phase 1C	2	15 - 31	23	1000	450
INORG	Lead	302-AH01	Phase 1C	2	18 - 266	142	1000	450

Table 3.4b
Other Program's Analytical Results Summary – Previously Sampled Areas
Soil Management Plan Addendum No. 9
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-AH03	Phase 1C	2	4.6 - 10	7.4	1000	450
INORG	Lead	302-AI01	Phase 1C	2	6.6 - 139	73	1000	450
INORG	Lead	302-AI03	Phase 1C	1	7.9 - 7.9	7.9	1000	450
INORG	Lead	302-AI04	Phase 1C	2	5.2 - 7.8	6.5	1000	450
INORG	Lead	302-AJ04	Phase 1C	1	4.7 - 4.7	4.7	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.
All results and limits rounded to 2 significant figures.

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 9
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 (yd^3):	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			144,946
LS-A5-12			3,782
LS-A5-13			10,311
LS-A5-14			4,533
LS-A5-15			19,061
		Category B Total (yd^3):	247,444
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 (yd^3):	106,205
		Innovation Campus Total (yd^3):	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			16,565
IP1-A5-25			5,930
IP1LI-05-A1			9,443
		Category A Total (yd^3):	1,609,965

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 9
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			1,780
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			13,420
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 (yd^3):	724,720
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 (yd^3):	143,609
--	Not Sampled	Not sampled due to underground utilities.	12,685
		Industrial Development Phase 1 Total (yd^3):	2,490,979

Table 4.1
Bulk Soil Movement and Placement, Soil Reuse Categories and Volume Estimates
Soil Management Plan Addendum No. 9
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 (yd^3):	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 (yd^3):	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 (yd^3):	83,828
		Major Amendment 3 Total (yd^3):	463,720

Note:
Area IDs are presented on Figure 4.1.

Appendix A

Laboratory Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Terraphase Engineering Inc.

BDH Philadelphia Refinery, PA

P044.001.001 PO#P044.001.001

SGS Job Number: JE7146

Sampling Date: 03/10/25

Report to:

Terraphase Engineering Inc.
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Princeton, NJ 08540
nick.scala@terraphase.com; EDD@terraphase.com;
karsen.orourke@terraphase.com
ATTN: Nick Scala

Total number of pages in report: 60

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sample Summary

Terraphase Engineering Inc.

Job No: JE7146

BDH Philadelphia Refinery, PA
Project No: P044.001.001 PO#P044.001.001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE7146-1	03/10/25	09:45	SC	03/11/25	SO	Soil	302-AL01-C1-VOC
JE7146-2	03/10/25	09:50	SC	03/11/25	SO	Soil	302-AL01-C1-COMP
JE7146-3	03/10/25	09:55	SC	03/11/25	SO	Soil	302-AL01-C2-VOC
JE7146-4	03/10/25	10:00	SC	03/11/25	SO	Soil	302-AL01-C2-COMP
JE7146-5	03/10/25	10:05	SC	03/11/25	SO	Soil	302-AL01-C3-VOC
JE7146-6	03/10/25	10:10	SC	03/11/25	SO	Soil	302-AL01-C3-COMP
JE7146-7	03/10/25	11:05	SC	03/11/25	SO	Soil	PARCELB-20-C1-VOC-2
JE7146-8	03/10/25	11:10	SC	03/11/25	SO	Soil	PARCELB-20-C1-COMP-2
JE7146-9	03/10/25	11:15	SC	03/11/25	SO	Soil	PARCELB-20-C2-VOC-2
JE7146-10	03/10/25	11:20	SC	03/11/25	SO	Soil	PARCELB-20-C2-COMP-2

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JE7146
Account: Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA
Collected: 03/10/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE7146-1	**302-AL01-C1-VOC**					
No hits reported in this sample.						
JE7146-2	**302-AL01-C1-COMP**					
Anthracene		0.0376	0.035	0.021	mg/kg	SW846 8270E
Benzo(a)anthracene		0.163	0.035	0.0098	mg/kg	SW846 8270E
Benzo(a)pyrene		0.143	0.035	0.016	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.150	0.035	0.015	mg/kg	SW846 8270E
Benzo(g,h,i)perylene		0.0753	0.035	0.017	mg/kg	SW846 8270E
Chrysene		0.149	0.035	0.011	mg/kg	SW846 8270E
Phenanthrene		0.181	0.035	0.012	mg/kg	SW846 8270E
Pyrene		0.303	0.035	0.011	mg/kg	SW846 8270E
Lead		87.5	2.1		mg/kg	SW846 6010D
JE7146-3	**302-AL01-C2-VOC**					
Benzene		5.71	0.065	0.059	mg/kg	SW846 8260D
Toluene		0.0015	0.0013	0.00068	mg/kg	SW846 8260D
JE7146-4	**302-AL01-C2-COMP**					
Anthracene		0.0302 J	0.048	0.030	mg/kg	SW846 8270E
Benzo(a)anthracene		0.136	0.048	0.014	mg/kg	SW846 8270E
Benzo(a)pyrene		0.142	0.048	0.022	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.158	0.048	0.021	mg/kg	SW846 8270E
Benzo(g,h,i)perylene		0.0894	0.048	0.024	mg/kg	SW846 8270E
Chrysene		0.142	0.048	0.015	mg/kg	SW846 8270E
Phenanthrene		0.115	0.048	0.016	mg/kg	SW846 8270E
Pyrene		0.196	0.048	0.015	mg/kg	SW846 8270E
Lead		177	1.9		mg/kg	SW846 6010D
JE7146-5	**302-AL01-C3-VOC**					
No hits reported in this sample.						
JE7146-6	**302-AL01-C3-COMP**					
Benzo(a)anthracene		0.0720	0.047	0.013	mg/kg	SW846 8270E
Benzo(a)pyrene		0.0853	0.047	0.021	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.0958	0.047	0.021	mg/kg	SW846 8270E
Benzo(g,h,i)perylene		0.0581	0.047	0.023	mg/kg	SW846 8270E
Chrysene		0.0705	0.047	0.015	mg/kg	SW846 8270E
Phenanthrene		0.0542	0.047	0.016	mg/kg	SW846 8270E

Summary of Hits

Job Number: JE7146
Account: Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA
Collected: 03/10/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Pyrene		0.101	0.047	0.015	mg/kg	SW846 8270E
Lead		220	2.0		mg/kg	SW846 6010D
JE7146-7	**PARCELB-20-C1-VOC-2**					
No hits reported in this sample.						
JE7146-8	**PARCELB-20-C1-COMP-2**					
Anthracene		0.0259 J	0.037	0.023	mg/kg	SW846 8270E
Benzo(a)anthracene		0.126	0.037	0.010	mg/kg	SW846 8270E
Benzo(a)pyrene		0.143	0.037	0.017	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.154	0.037	0.016	mg/kg	SW846 8270E
Benzo(g,h,i)perylene		0.0974	0.037	0.018	mg/kg	SW846 8270E
Chrysene		0.126	0.037	0.012	mg/kg	SW846 8270E
Phenanthrene		0.0800	0.037	0.012	mg/kg	SW846 8270E
Pyrene		0.184	0.037	0.012	mg/kg	SW846 8270E
Lead		20.3	2.3		mg/kg	SW846 6010D
JE7146-9	**PARCELB-20-C2-VOC-2**					
No hits reported in this sample.						
JE7146-10	**PARCELB-20-C2-COMP-2**					
Anthracene		0.0538	0.035	0.022	mg/kg	SW846 8270E
Benzo(a)anthracene		0.169	0.035	0.010	mg/kg	SW846 8270E
Benzo(a)pyrene		0.174	0.035	0.016	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.202	0.035	0.016	mg/kg	SW846 8270E
Benzo(g,h,i)perylene		0.121	0.035	0.018	mg/kg	SW846 8270E
Chrysene		0.168	0.035	0.011	mg/kg	SW846 8270E
Phenanthrene		0.171	0.035	0.012	mg/kg	SW846 8270E
Pyrene		0.275	0.035	0.011	mg/kg	SW846 8270E
Lead		15.5	2.3		mg/kg	SW846 6010D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	302-AL01-C1-VOC		
Lab Sample ID:	JE7146-1	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8260D	**Percent Solids:**	95.2
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I265114.D	1	03/12/25 16:48	PS	n/a	n/a	VI10665
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.00051	0.00047	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	0.00043	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00048	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	0.00047	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0021	0.0015	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00048	mg/kg	
108-88-3	Toluene	ND	0.0010	0.00054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0021	0.00051	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0021	0.00044	mg/kg	
1330-20-7	Xylene (total)	ND	0.0010	0.00047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C1-COMP		
Lab Sample ID:	JE7146-2	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.7
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CJ11430.D	1	03/13/25 19:09	AO	03/12/25 12:00	OP62021	ECJ484
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

BN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	0.0376	0.035	0.021	mg/kg	
56-55-3	Benzo(a)anthracene	0.163	0.035	0.0098	mg/kg	
50-32-8	Benzo(a)pyrene	0.143	0.035	0.016	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.150	0.035	0.015	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.0753	0.035	0.017	mg/kg	
218-01-9	Chrysene	0.149	0.035	0.011	mg/kg	
86-73-7	Fluorene	ND	0.035	0.016	mg/kg	
91-20-3	Naphthalene	ND	0.035	0.0098	mg/kg	
85-01-8	Phenanthrene	0.181	0.035	0.012	mg/kg	
129-00-0	Pyrene	0.303	0.035	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	52%		10-109%
321-60-8	2-Fluorobiphenyl	52%		11-109%
1718-51-0	Terphenyl-d14	55%		10-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C1-COMP		
Lab Sample ID:	JE7146-2	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
		Percent Solids:	93.7
Project:	BDH Philadelphia Refinery, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	87.5	2.1	mg/kg	1	03/12/25	03/12/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58057
(2) Prep QC Batch: MP53146

RL = Reporting Limit

Report of Analysis

Client Sample ID:	302-AL01-C2-VOC		
Lab Sample ID:	JE7146-3	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8260D	**Percent Solids:**	82.3
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I265115.D	1	03/12/25 17:10	PS	n/a	n/a	VI10665
Run #2	GB20035.D	1	03/13/25 12:50	JN	n/a	n/a	VGB565

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.7 g		
Run #2	5.1 g	10.0 ml	100 ul

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5.71 [a]	0.065	0.059	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0013	0.00054	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0013	0.00061	mg/kg	
100-41-4	Ethylbenzene	ND	0.0013	0.00059	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0026	0.0018	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0013	0.00061	mg/kg	
108-88-3	Toluene	0.0015	0.0013	0.00068	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0026	0.00065	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0026	0.00056	mg/kg	
1330-20-7	Xylene (total)	ND	0.0013	0.00059	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	108%	75-133%
2037-26-5	Toluene-D8	102%	103%	79-125%
460-00-4	4-Bromofluorobenzene	93%	98%	58-148%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C2-COMP		
Lab Sample ID:	JE7146-4	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	68.5
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CJ11431.D	1	03/13/25 19:27	AO	03/12/25 12:00	OP62021	ECJ484
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	0.0302	0.048	0.030	mg/kg	J
56-55-3	Benzo(a)anthracene	0.136	0.048	0.014	mg/kg	
50-32-8	Benzo(a)pyrene	0.142	0.048	0.022	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.158	0.048	0.021	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.0894	0.048	0.024	mg/kg	
218-01-9	Chrysene	0.142	0.048	0.015	mg/kg	
86-73-7	Fluorene	ND	0.048	0.022	mg/kg	
91-20-3	Naphthalene	ND	0.048	0.014	mg/kg	
85-01-8	Phenanthrene	0.115	0.048	0.016	mg/kg	
129-00-0	Pyrene	0.196	0.048	0.015	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		10-109%
321-60-8	2-Fluorobiphenyl	77%		11-109%
1718-51-0	Terphenyl-d14	79%		10-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C2-COMP		
Lab Sample ID:	JE7146-4	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
		Percent Solids:	68.5
Project:	BDH Philadelphia Refinery, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	177	1.9	mg/kg	1	03/12/25	03/12/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58057
(2) Prep QC Batch: MP53146

RL = Reporting Limit

Report of Analysis

Client Sample ID:	302-AL01-C3-VOC		
Lab Sample ID:	JE7146-5	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8260D	**Percent Solids:**	85.3
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I265169.D	1	03/14/25 13:22	PS	n/a	n/a	VI10667
Run #2							

	Initial Weight
Run #1	3.3 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.00089	0.00081	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0018	0.00075	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0018	0.00083	mg/kg	
100-41-4	Ethylbenzene	ND	0.0018	0.00080	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0036	0.0025	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0018	0.00083	mg/kg	
108-88-3	Toluene	ND	0.0018	0.00093	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0036	0.00089	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0036	0.00077	mg/kg	
1330-20-7	Xylene (total)	ND	0.0018	0.00081	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C3-COMP		
Lab Sample ID:	JE7146-6	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	70.5
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CJ11432.D	1	03/13/25 19:44	AO	03/12/25 12:00	OP62021	ECJ484
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	ND	0.047	0.029	mg/kg	
56-55-3	Benzo(a)anthracene	0.0720	0.047	0.013	mg/kg	
50-32-8	Benzo(a)pyrene	0.0853	0.047	0.021	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.0958	0.047	0.021	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.0581	0.047	0.023	mg/kg	
218-01-9	Chrysene	0.0705	0.047	0.015	mg/kg	
86-73-7	Fluorene	ND	0.047	0.021	mg/kg	
91-20-3	Naphthalene	ND	0.047	0.013	mg/kg	
85-01-8	Phenanthrene	0.0542	0.047	0.016	mg/kg	
129-00-0	Pyrene	0.101	0.047	0.015	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		10-109%
321-60-8	2-Fluorobiphenyl	69%		11-109%
1718-51-0	Terphenyl-d14	76%		10-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	302-AL01-C3-COMP		
Lab Sample ID:	JE7146-6	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
		Percent Solids:	70.5
Project:	BDH Philadelphia Refinery, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	220	2.0	mg/kg	1	03/12/25	03/12/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58057
(2) Prep QC Batch: MP53146

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PARCELB-20-C1-VOC-2		
Lab Sample ID:	JE7146-7	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8260D	**Percent Solids:**	87.6
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I265117.D	1	03/12/25 17:54	PS	n/a	n/a	VI10665
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.00061	0.00055	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0012	0.00051	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0012	0.00057	mg/kg	
100-41-4	Ethylbenzene	ND	0.0012	0.00055	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0024	0.0017	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0012	0.00057	mg/kg	
108-88-3	Toluene	ND	0.0012	0.00064	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0024	0.00061	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0024	0.00052	mg/kg	
1330-20-7	Xylene (total)	ND	0.0012	0.00056	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	92%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PARCELB-20-C1-COMP-2		
Lab Sample ID:	JE7146-8	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.3
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CJ11440.D	1	03/14/25 11:36	AO	03/12/25 12:00	OP62021	ECJ485
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

BN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	0.0259	0.037	0.023	mg/kg	J
56-55-3	Benzo(a)anthracene	0.126	0.037	0.010	mg/kg	
50-32-8	Benzo(a)pyrene	0.143	0.037	0.017	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.154	0.037	0.016	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.0974	0.037	0.018	mg/kg	
218-01-9	Chrysene	0.126	0.037	0.012	mg/kg	
86-73-7	Fluorene	ND	0.037	0.017	mg/kg	
91-20-3	Naphthalene	ND	0.037	0.010	mg/kg	
85-01-8	Phenanthrene	0.0800	0.037	0.012	mg/kg	
129-00-0	Pyrene	0.184	0.037	0.012	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	44%		10-109%
321-60-8	2-Fluorobiphenyl	48%		11-109%
1718-51-0	Terphenyl-d14	45%		10-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PARCELB-20-C1-COMP-2		
Lab Sample ID:	JE7146-8	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
		Percent Solids:	89.3
Project:	BDH Philadelphia Refinery, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	20.3	2.3	mg/kg	1	03/12/25	03/12/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58057
(2) Prep QC Batch: MP53146

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PARCELB-20-C2-VOC-2		
Lab Sample ID:	JE7146-9	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8260D	**Percent Solids:**	84.3
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I265118.D	1	03/12/25 18:16	PS	n/a	n/a	VI10665
Run #2							

	Initial Weight
Run #1	3.9 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.00076	0.00069	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0015	0.00064	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0015	0.00071	mg/kg	
100-41-4	Ethylbenzene	ND	0.0015	0.00069	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0030	0.0022	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0015	0.00071	mg/kg	
108-88-3	Toluene	ND	0.0015	0.00080	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0030	0.00076	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0030	0.00066	mg/kg	
1330-20-7	Xylene (total)	ND	0.0015	0.00070	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PARCELB-20-C2-COMP-2		
Lab Sample ID:	JE7146-10	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.1
Project:	BDH Philadelphia Refinery, PA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CJ11441.D	1	03/14/25 11:53	AO	03/12/25 12:00	OP62021	ECJ485
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	0.0538	0.035	0.022	mg/kg	
56-55-3	Benzo(a)anthracene	0.169	0.035	0.010	mg/kg	
50-32-8	Benzo(a)pyrene	0.174	0.035	0.016	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.202	0.035	0.016	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.121	0.035	0.018	mg/kg	
218-01-9	Chrysene	0.168	0.035	0.011	mg/kg	
86-73-7	Fluorene	ND	0.035	0.016	mg/kg	
91-20-3	Naphthalene	ND	0.035	0.0099	mg/kg	
85-01-8	Phenanthrene	0.171	0.035	0.012	mg/kg	
129-00-0	Pyrene	0.275	0.035	0.011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	53%		10-109%
321-60-8	2-Fluorobiphenyl	57%		11-109%
1718-51-0	Terphenyl-d14	54%		10-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PARCELB-20-C2-COMP-2		
Lab Sample ID:	JE7146-10	**Date Sampled:**	03/10/25
Matrix:	SO - Soil	**Date Received:**	03/11/25
		Percent Solids:	93.1
Project:	BDH Philadelphia Refinery, PA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	15.5	2.3	mg/kg	1	03/12/25	03/12/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58057
(2) Prep QC Batch: MP53146

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SO
SLL

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #:
Bottle Order Control #: PROM-VP-03625-163
SGS Quote #:
SGS Job #: JE7146

Client / Reporting Information

Company Name: Terraphase
Street Address: 100 Canal Pointe Blvd
City / State / Zip: Princeton, NJ
Project Contact / E-mail: Nick Scala see below
Phone #: 609-236-8171
Sampler(s) Name(s) / Phone #: S. Chubb + M. Mowrer
Project Manager: Nick Scala

Project Information

Project Name: BDH
Street:
City / State: Phila., PA
Project #: P044.001.001
Client Purchase Order #: P044.001.001

Billing Information (If different from Report to)

Company Name: Same as client
Street Address:
City / State / Zip:
Attention:

Analysis Requested

Site specific VOC (8260)
Site specific SVOC (8270)
Lead

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chemistry (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)			LAB USE ONLY
1	302-AL01-C1-VOC		3/10/25	09:45	SC	G	N	SO	4					1	2	1		X			
2	302-AL01-C1-COMP			09:50					1					1					X	X	
3	302-AL01-C2-VOC			09:55					4					1	2	1		X			
4	302-AL01-C2-COMP			10:00					1					1					X	X	
5	302-AL01-C3-VOC			10:05					4					1	2	1		X			
6	302-AL01-C3-COMP			10:10					1					1					X	X	
7	Parcel B-20-C1-VOC-2			1105					4					1	2	1		X			
8	Parcel B-20-C1-COMP-2			1110					1					1					X	X	
9	Parcel B-20-C2-VOC-2			1115					4					1	2	1		X			
10	Parcel B-20-C2-COMP-2			1120					1					1					X	X	

Initial Assessment BL 3/13
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [ ] 10 Business Days
- [x] 5 Business Days — standard
- [ ] 3 Business Days* — TEI TAT
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [x] EDD Format Equis

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

- please email EDD to EDD@terraphase.com
- see project shortlist for analysis
- include Nick.Scala@terraphase.com

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Matthew Mowrer	3/11/25 715	Maureen Juenet
2	Maureen Juenet		
3		3/14/25 1130	
4			
5			

Custody Seal # — Intact / Not Intact / Absent
Therm ID: See Sample Receipt Summary
On Ice: R13 ID50
Cooler Temp. °C
SGS Cool. ICE Pk

EHSA-QAC-0023-06 Rev.Date:9/24/2024

SGS Sample Receipt Summary

Job Number: JE7146 **Client:** TERRAPHASE ENGINEERING INC. **Project:** BDH PHILADELPHIA REFINERY, PA

Date / Time Received: 3/11/2025 7:00:00 PM **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.3);

Cooler Temps (Corrected) °C: Cooler 1: (1.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE7146: Chain of Custody
Page 2 of 2

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10665-MB	I265102A.D	1	03/12/25	PS	n/a	n/a	VI10665

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-1, JE7146-3, JE7146-7, JE7146-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.43	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	80-124%
17060-07-0	1,2-Dichloroethane-D4	97%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	92%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGB565-MB	GB20033.D	1	03/13/25	JN	n/a	n/a	VGB565

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	25	23	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	111%	75-133%
2037-26-5	Toluene-D8	103%	79-125%
460-00-4	4-Bromofluorobenzene	101%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10667-MB	I265168.D	1	03/14/25	PS	n/a	n/a	VI10667

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.43	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-124%
17060-07-0	1,2-Dichloroethane-D4	97%	75-133%
2037-26-5	Toluene-D8	99%	79-125%
460-00-4	4-Bromofluorobenzene	94%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10665-BS	I265100.D	1	03/12/25	PS	n/a	n/a	VI10665

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-1, JE7146-3, JE7146-7, JE7146-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	47.2	94	82-119
106-93-4	1,2-Dibromoethane	50	50.5	101	58-145
107-06-2	1,2-Dichloroethane	50	46.8	94	76-118
100-41-4	Ethylbenzene	50	49.6	99	83-115
98-82-8	Isopropylbenzene	50	49.9	100	81-122
1634-04-4	Methyl Tert Butyl Ether	50	48.5	97	75-126
108-88-3	Toluene	50	47.5	95	82-118
95-63-6	1,2,4-Trimethylbenzene	50	48.5	97	80-119
108-67-8	1,3,5-Trimethylbenzene	50	49.1	98	79-120
1330-20-7	Xylene (total)	150	148	99	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	80-124%
17060-07-0	1,2-Dichloroethane-D4	94%	75-133%
2037-26-5	Toluene-D8	100%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGB565-BS	GB20031.D	1	03/13/25	JN	n/a	n/a	VGB565

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	2500	2570	103	82-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-124%
17060-07-0	1,2-Dichloroethane-D4	103%	75-133%
2037-26-5	Toluene-D8	107%	79-125%
460-00-4	4-Bromofluorobenzene	103%	58-148%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10667-BS	I265165.D	1	03/14/25	PS	n/a	n/a	VI10667
VI10667-BSD	I265166.D	1	03/14/25	PS	n/a	n/a	VI10667

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	47.3	95	45.6	91	4	82-119/10
106-93-4	1,2-Dibromoethane	50	48.6	97	49.4	99	2	58-145/10
107-06-2	1,2-Dichloroethane	50	46.1	92	45.7	91	1	76-118/10
100-41-4	Ethylbenzene	50	50.1	100	48.5	97	3	83-115/10
98-82-8	Isopropylbenzene	50	50.1	100	49.2	98	2	81-122/11
1634-04-4	Methyl Tert Butyl Ether	50	43.1	86	43.2	86	0	75-126/12
108-88-3	Toluene	50	47.0	94	46.9	94	0	82-118/10
95-63-6	1,2,4-Trimethylbenzene	50	49.6	99	48.4	97	2	80-119/10
108-67-8	1,3,5-Trimethylbenzene	50	49.1	98	47.6	95	3	79-120/10
1330-20-7	Xylene (total)	150	145	97	144	96	1	83-119/10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	101%	101%	80-124%
17060-07-0	1,2-Dichloroethane-D4	95%	98%	75-133%
2037-26-5	Toluene-D8	99%	100%	79-125%
460-00-4	4-Bromofluorobenzene	97%	96%	58-148%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE7106-1MS	I265111.D	1	03/12/25	PS	n/a	n/a	VI10665
JE7106-1	I265103.D	1	03/12/25	PS	n/a	n/a	VI10665

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-1, JE7146-3, JE7146-7, JE7146-9

CAS No.	Compound	JE7106-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
71-43-2	Benzene	ND		55.2	52.4	95	61-132
106-93-4	1,2-Dibromoethane	ND		55.2	52.1	94	45-141
107-06-2	1,2-Dichloroethane	ND		55.2	51.2	93	64-119
100-41-4	Ethylbenzene	0.72	J	55.2	50.8	91	51-133
98-82-8	Isopropylbenzene	ND		55.2	46.2	84	44-142
1634-04-4	Methyl Tert Butyl Ether	ND		55.2	48.4	88	62-125
108-88-3	Toluene	ND		55.2	52.0	94	56-135
95-63-6	1,2,4-Trimethylbenzene	ND		55.2	42.7	77	30-149
108-67-8	1,3,5-Trimethylbenzene	6.3		55.2	52.7	84	36-145
1330-20-7	Xylene (total)	3.6		166	159	93	50-138

CAS No.	Surrogate Recoveries	MS	JE7106-1	Limits
1868-53-7	Dibromofluoromethane	99%	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	92%	96%	75-133%
2037-26-5	Toluene-D8	99%	104%	79-125%
460-00-4	4-Bromofluorobenzene	95%	92%	58-148%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE7296-1MS	I265176.D	1	03/14/25	PS	n/a	n/a	VI10667
JE7296-1	I265170.D	1	03/14/25	PS	n/a	n/a	VI10667

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-5

CAS No.	Compound	JE7296-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
71-43-2	Benzene	ND		59	50.6	86	61-132
106-93-4	1,2-Dibromoethane	ND		59	45.8	78	45-141
107-06-2	1,2-Dichloroethane	ND		59	48.3	82	64-119
100-41-4	Ethylbenzene	ND		59	46.4	79	51-133
98-82-8	Isopropylbenzene	ND		59	41.4	70	44-142
1634-04-4	Methyl Tert Butyl Ether	ND		59	45.5	77	62-125
108-88-3	Toluene	ND		59	49.0	83	56-135
95-63-6	1,2,4-Trimethylbenzene	ND		59	38.5	65	30-149
108-67-8	1,3,5-Trimethylbenzene	ND		59	38.2	65	36-145
1330-20-7	Xylene (total)	ND		177	135	76	50-138

CAS No.	Surrogate Recoveries	MS	JE7296-1	Limits
1868-53-7	Dibromofluoromethane	105%	103%	80-124%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	75-133%
2037-26-5	Toluene-D8	101%	98%	79-125%
460-00-4	4-Bromofluorobenzene	94%	100%	58-148%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE7146-3MS	GB20040.D	1	03/13/25	JN	n/a	n/a	VGB565
JE7146-3MSD	GB20041.D	1	03/13/25	JN	n/a	n/a	VGB565
JE7146-3	GB20035.D	1	03/13/25	JN	n/a	n/a	VGB565

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-3

CAS No.	Compound	JE7146-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5710		6490	12300	101	6490	12300	101	0	61-132/13

CAS No.	Surrogate Recoveries	MS	MSD	JE7146-3	Limits
1868-53-7	Dibromofluoromethane	98%	102%	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	109%	108%	108%	75-133%
2037-26-5	Toluene-D8	106%	107%	103%	79-125%
460-00-4	4-Bromofluorobenzene	102%	100%	98%	58-148%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE7106-2DUP	I265113.D	1	03/12/25	PS	n/a	n/a	VI10665
JE7106-2	I265104.D	1	03/12/25	PS	n/a	n/a	VI10665

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-1, JE7146-3, JE7146-7, JE7146-9

CAS No.	Compound	JE7106-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
71-43-2	Benzene	ND		ND		nc	44
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	35
98-82-8	Isopropylbenzene	ND		ND		nc	28
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21
108-88-3	Toluene	ND		ND		nc	37
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	32
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	33
1330-20-7	Xylene (total)	ND		ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE7106-2	Limits
1868-53-7	Dibromofluoromethane	102%	102%	80-124%
17060-07-0	1,2-Dichloroethane-D4	99%	98%	75-133%
2037-26-5	Toluene-D8	100%	98%	79-125%
460-00-4	4-Bromofluorobenzene	94%	93%	58-148%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE7296-2DUP	I265178.D	1	03/14/25	PS	n/a	n/a	VI10667
JE7296-2	I265171.D	1	03/14/25	PS	n/a	n/a	VI10667

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE7146-5

CAS No.	Compound	JE7296-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
71-43-2	Benzene	ND		ND		nc	44
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	35
98-82-8	Isopropylbenzene	ND		ND		nc	28
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21
108-88-3	Toluene	ND		ND		nc	37
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	32
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	33
1330-20-7	Xylene (total)	ND		ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE7296-2	Limits
1868-53-7	Dibromofluoromethane	105%	105%	80-124%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	75-133%
2037-26-5	Toluene-D8	98%	99%	79-125%
460-00-4	4-Bromofluorobenzene	90%	92%	58-148%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample: VGB542-BFB
Lab File ID: GB19073.D
Instrument ID: GCMSGB
Injection Date: 02/06/25
Injection Time: 15:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	27061	19.0		Pass
75	30.0 - 60.0% of mass 95	67667	47.5		Pass
95	Base peak, 100% relative abundance	142357	100.0		Pass
96	5.0 - 9.0% of mass 95	8487	5.96		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	110683	77.8		Pass
175	5.0 - 9.0% of mass 174	6935	4.87	(6.27) [a]	Pass
176	95.0 - 101.0% of mass 174	107331	75.4	(97.0) [a]	Pass
177	5.0 - 9.0% of mass 176	7249	5.09	(6.75) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VGB542-IC542	GB19075.D	02/06/25	16:34	00:47	Initial cal 0.2
VGB542-IC542	GB19077.D	02/06/25	17:10	01:23	Initial cal 0.5
VGB542-IC542	GB19079.D	02/06/25	17:40	01:53	Initial cal 1
VGB542-IC542	GB19081.D	02/06/25	18:09	02:22	Initial cal 2
VGB542-IC542	GB19083.D	02/06/25	18:39	02:52	Initial cal 4
VGB542-IC542	GB19085.D	02/06/25	19:08	03:21	Initial cal 8
VGB542-IC542	GB19087.D	02/06/25	19:38	03:51	Initial cal 20
VGB542-ICC542	GB19089.D	02/06/25	20:07	04:20	Initial cal 50
VGB542-IC542	GB19091.D	02/06/25	20:37	04:50	Initial cal 100
VGB542-IC542	GB19093.D	02/06/25	21:06	05:19	Initial cal 200
VGB542-ICV542	GB19099.D	02/06/25	22:35	06:48	Initial cal verification 50
VGB542-ICV542	GB19101.D	02/06/25	23:04	07:17	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample: VI10662-BFB
Lab File ID: I265023.D
Instrument ID: GCMSI
Injection Date: 03/07/25
Injection Time: 18:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	42107	20.5		Pass
75	30.0 - 60.0% of mass 95	95672	46.5		Pass
95	Base peak, 100% relative abundance	205845	100.0		Pass
96	5.0 - 9.0% of mass 95	13465	6.54		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	219947	106.9		Pass
175	5.0 - 9.0% of mass 174	15643	7.60	(7.11) [a]	Pass
176	95.0 - 101.0% of mass 174	213056	103.5	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	14273	6.93	(6.70) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI10662-IC10662	I265024.D	03/07/25	19:28	00:38	Initial cal 0.2
VI10662-IC10662	I265025.D	03/07/25	19:50	01:00	Initial cal 0.5
VI10662-IC10662	I265026.D	03/07/25	20:12	01:22	Initial cal 1
VI10662-IC10662	I265027.D	03/07/25	20:34	01:44	Initial cal 2
VI10662-IC10662	I265028.D	03/07/25	20:56	02:06	Initial cal 4
VI10662-IC10662	I265029.D	03/07/25	21:18	02:28	Initial cal 8
VI10662-IC10662	I265030.D	03/07/25	21:40	02:50	Initial cal 20
VI10662-ICC10662	I265031.D	03/07/25	22:02	03:12	Initial cal 50
VI10662-IC10662	I265032.D	03/07/25	22:24	03:34	Initial cal 100
VI10662-IC10662	I265033.D	03/07/25	22:46	03:56	Initial cal 200
VI10662-ICV10662	I265036.D	03/07/25	23:52	05:02	Initial cal verification 50
VI10662-ICV10662	I265037.D	03/08/25	00:14	05:24	Initial cal verification 50

Surrogate Recovery Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE7146-1	I265114.D	102	99	97	93
JE7146-3	GB20035.D	104	108	103	98
JE7146-3	I265115.D	103	102	102	93
JE7146-5	I265169.D	103	100	98	95
JE7146-7	I265117.D	100	101	95	92
JE7146-9	I265118.D	96	99	100	95
JE7106-1MS	I265111.D	99	92	99	95
JE7106-2DUP	I265113.D	102	99	100	94
JE7146-3MS	GB20040.D	98	109	106	102
JE7146-3MSD	GB20041.D	102	108	107	100
JE7296-1MS	I265176.D	105	99	101	94
JE7296-2DUP	I265178.D	105	103	98	90
VGB565-BS	GB20031.D	106	103	107	103
VGB565-MB	GB20033.D	104	111	103	101
VI10665-BS	I265100.D	100	94	100	97
VI10665-MB	I265102A.D	99	97	101	92
VI10667-BS	I265165.D	101	95	99	97
VI10667-BSD	I265166.D	101	98	100	96
VI10667-MB	I265168.D	101	97	99	94

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

MS Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP62021-MB1	CJ11420.D	1	03/13/25	AO	03/12/25	OP62021	ECJ484

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

CAS No.	Compound	Result	RL	MDL	Units	Q
120-12-7	Anthracene	ND	33	20	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	52%	10-99%
4165-62-2	Phenol-d5	53%	10-96%
118-79-6	2,4,6-Tribromophenol	45%	10-123%
4165-60-0	Nitrobenzene-d5	51%	10-109%
321-60-8	2-Fluorobiphenyl	50%	11-109%
1718-51-0	Terphenyl-d14	54%	10-120%

Blank Spike Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP62021-BS1	CJ11421.D	1	03/13/25	AO	03/12/25	OP62021	ECJ484

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
120-12-7	Anthracene	1670	1070	64	10-144
56-55-3	Benzo(a)anthracene	1670	1070	64	11-139
50-32-8	Benzo(a)pyrene	1670	1090	65	13-141
205-99-2	Benzo(b)fluoranthene	1670	1120	67	14-140
191-24-2	Benzo(g,h,i)perylene	1670	945	57	13-138
218-01-9	Chrysene	1670	1060	64	11-139
86-73-7	Fluorene	1670	1000	60	12-139
91-20-3	Naphthalene	1670	968	58	10-141
85-01-8	Phenanthrene	1670	1040	62	10-142
129-00-0	Pyrene	1670	1050	63	13-141

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	64%	10-99%
4165-62-2	Phenol-d5	61%	10-96%
118-79-6	2,4,6-Tribromophenol	54%	10-123%
4165-60-0	Nitrobenzene-d5	63%	10-109%
321-60-8	2-Fluorobiphenyl	57%	11-109%
1718-51-0	Terphenyl-d14	59%	10-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP62021-MS	CJ11423.D	1	03/13/25	AO	03/12/25	OP62021	ECJ484
OP62021-MSD	CJ11424.D	1	03/13/25	AO	03/12/25	OP62021	ECJ484
JE7135-4	CJ11425.D	1	03/13/25	AO	03/12/25	OP62021	ECJ484
JE7135-4	2P123360.D	5	03/17/25	KH	03/12/25	OP62021	E2P5556

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

CAS No.	Compound	JE7135-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
120-12-7	Anthracene	ND		1750	864	49	1740	1060	61	20	10-166/88
56-55-3	Benzo(a)anthracene	ND		1750	874	50	1740	1080	62	21	10-163/88
50-32-8	Benzo(a)pyrene	ND		1750	844	48	1740	1090	63	25	10-163/89
205-99-2	Benzo(b)fluoranthene	ND		1750	783	45	1740	1080	62	32	10-156/91
191-24-2	Benzo(g,h,i)perylene	ND		1750	715	41	1740	923	53	25	10-158/89
218-01-9	Chrysene	ND		1750	827	47	1740	1000	57	19	10-164/87
86-73-7	Fluorene	55.5		1750	883	47	1740	1040	56	16	10-158/87
91-20-3	Naphthalene	1330		1750	1460	7* [a]	1740	1520	11	4	10-146/87
85-01-8	Phenanthrene	16.2	J	1750	804	45	1740	1030	58	25	10-158/95
129-00-0	Pyrene	ND		1750	842	48	1740	1010	58	18	10-176/90

CAS No.	Surrogate Recoveries	MS	MSD	JE7135-4	JE7135-4	Limits
367-12-4	2-Fluorophenol	3%*	7%*	5%* [b]	0%* [b]	10-99%
4165-62-2	Phenol-d5	22%	32%	29%	30%	10-96%
118-79-6	2,4,6-Tribromophenol	6%*	9%*	4%* [b]	6%* [b]	10-123%
4165-60-0	Nitrobenzene-d5	50%	62%	55%	61%	10-109%
321-60-8	2-Fluorobiphenyl	50%	57%	52%	63%	11-109%
1718-51-0	Terphenyl-d14	52%	58%	54%	66%	10-120%

(a) Outside control limits.
(b) Outside control limits due to matrix interference as per prep log description.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample:	ECJ469-DFTPP	**Injection Date:**	02/20/25
Lab File ID:	CJ11015.D	**Injection Time:**	08:34
Instrument ID:	GCMSCJ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	51966	37.0		Pass
68	Less than 2.0% of mass 69	738	0.53	(1.19) [a]	Pass
69	Mass 69 relative abundance	62197	44.2		Pass
70	Less than 2.0% of mass 69	271	0.19	(0.44) [a]	Pass
127	40.0 - 60.0% of mass 198	74616	53.1		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	140563	100.0		Pass
199	5.0 - 9.0% of mass 198	9732	6.92		Pass
275	10.0 - 31.0% of mass 198	32953	23.4		Pass
365	1.0 - 100.0% of mass 198	4187	2.98		Pass
441	Present, but less than mass 443	13051	9.28	(80.3) [b]	Pass
442	40.0 - 100.0% of mass 198	86325	61.4		Pass
443	17.0 - 23.0% of mass 442	16261	11.6	(18.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECJ469-ICC469	CJ11016.D	02/20/25	08:58	00:24	Initial cal 50
ECJ469-IC469	CJ11017.D	02/20/25	09:15	00:41	Initial cal 1
ECJ469-IC469	CJ11018.D	02/20/25	09:33	00:59	Initial cal 2
ECJ469-IC469	CJ11019.D	02/20/25	09:50	01:16	Initial cal 5
ECJ469-IC469	CJ11020.D	02/20/25	10:08	01:34	Initial cal 10
ECJ469-IC469	CJ11021.D	02/20/25	10:26	01:52	Initial cal 25
ECJ469-IC469	CJ11022.D	02/20/25	10:44	02:10	Initial cal 80
ECJ469-IC469	CJ11023.D	02/20/25	11:01	02:27	Initial cal 100
ECJ469-IC469	CJ11024.D	02/20/25	11:19	02:45	Initial cal 1
ECJ469-IC469	CJ11025.D	02/20/25	11:37	03:03	Initial cal 2
ECJ469-IC469	CJ11026.D	02/20/25	11:55	03:21	Initial cal 5
ECJ469-IC469	CJ11027.D	02/20/25	12:13	03:39	Initial cal 10
ECJ469-IC469	CJ11028.D	02/20/25	12:31	03:57	Initial cal 25
ECJ469-IC469	CJ11029.D	02/20/25	12:49	04:15	Initial cal 50
ECJ469-IC469	CJ11030.D	02/20/25	13:07	04:33	Initial cal 80
ECJ469-IC469	CJ11031.D	02/20/25	13:25	04:51	Initial cal 100
ECJ469-ICV469	CJ11032.D	02/20/25	13:42	05:08	Initial cal verification 50
ECJ469-ICV469	CJ11033.D	02/20/25	14:00	05:26	Initial cal verification 50
ECJ469-ICV469	CJ11034.D	02/20/25	14:18	05:44	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample:	ECJ469-DFTPP	**Injection Date:**	02/20/25
Lab File ID:	CJ11015.D	**Injection Time:**	08:34
Instrument ID:	GCMSCJ		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECJ469-ICV469	CJ11035.D	02/20/25	14:35	06:01	Initial cal verification 50
ECJ470-CC469	CJ11040.D	02/21/25	09:32	24:58	Continuing cal 50

Instrument Performance Check (DFTPP)

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Sample:	ECJ485-DFTPP	**Injection Date:**	03/14/25
Lab File ID:	CJ11436.D	**Injection Time:**	10:32
Instrument ID:	GCMSCJ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	86222	38.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	102387	45.6		Pass
70	Less than 2.0% of mass 69	733	0.33	(0.72) [a]	Pass
127	40.0 - 60.0% of mass 198	119565	53.2		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	224597	100.0		Pass
199	5.0 - 9.0% of mass 198	14982	6.67		Pass
275	10.0 - 31.0% of mass 198	52645	23.4		Pass
365	1.0 - 100.0% of mass 198	6705	2.99		Pass
441	Present, but less than mass 443	24411	10.9	(85.1) [b]	Pass
442	40.0 - 100.0% of mass 198	150381	67.0		Pass
443	17.0 - 23.0% of mass 442	28699	12.8	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECJ485-CC469	CJ11437.D	03/14/25	10:45	00:13	Continuing cal 50
ECJ485-CC469	CJ11438.D	03/14/25	11:02	00:30	Continuing cal 50
JE7146-8	CJ11440.D	03/14/25	11:36	01:04	PARCELB-20-C1-COMP-2
JE7146-10	CJ11441.D	03/14/25	11:53	01:21	PARCELB-20-C2-COMP-2
ZZZZZZ	CJ11442.D	03/14/25	12:10	01:38	(unrelated sample)
ZZZZZZ	CJ11443.D	03/14/25	12:27	01:55	(unrelated sample)
ZZZZZZ	CJ11444.D	03/14/25	12:44	02:12	(unrelated sample)
ZZZZZZ	CJ11445.D	03/14/25	13:02	02:30	(unrelated sample)
ZZZZZZ	CJ11446.D	03/14/25	13:19	02:47	(unrelated sample)
ZZZZZZ	CJ11447.D	03/14/25	13:36	03:04	(unrelated sample)
ZZZZZZ	CJ11448.D	03/14/25	13:53	03:21	(unrelated sample)
OP62034-MS	CJ11449.D	03/14/25	14:10	03:38	Matrix Spike
OP62034-MSD	CJ11450.D	03/14/25	14:27	03:55	Matrix Spike Duplicate
JE7148-1	CJ11451.D	03/14/25	14:44	04:12	(used for QC only; not part of job JE7146)
ZZZZZZ	CJ11452.D	03/14/25	15:01	04:29	(unrelated sample)
ZZZZZZ	CJ11453.D	03/14/25	15:18	04:46	(unrelated sample)
ZZZZZZ	CJ11454.D	03/14/25	15:35	05:03	(unrelated sample)
ZZZZZZ	CJ11455.D	03/14/25	15:52	05:20	(unrelated sample)
ZZZZZZ	CJ11456.D	03/14/25	16:49	06:17	(unrelated sample)

Surrogate Recovery Summary

Job Number: JE7146
Account: TERRPNJP Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

Method: SW846 8270E **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
JE7146-2	CJ11430.D	52	52	55
JE7146-4	CJ11431.D	82	77	79
JE7146-6	CJ11432.D	75	69	76
JE7146-8	CJ11440.D	44	48	45
JE7146-10	CJ11441.D	53	57	54
OP62021-BS1	CJ11421.D	63	57	59
OP62021-MB1	CJ11420.D	51	50	54
OP62021-MS	CJ11423.D	50	50	52
OP62021-MSD	CJ11424.D	62	57	58

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	10-109%
S2 = 2-Fluorobiphenyl	11-109%
S3 = Terphenyl-d14	10-120%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/12/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	2.7	8.1		
Antimony	2.0	.22	.41		
Arsenic	2.0	.13	.28		
Barium	20	.1	1.9		
Beryllium	0.20	.02	.08		
Bismuth	2.0	.21	.52		
Boron	10	.1	3.7		
Cadmium	0.50	.02	.07		
Calcium	500	.77	21		
Chromium	1.0	.05	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.68	.84		
Iron	50	1.5	19		
Lead	2.0	.16	.41	0.070	<2.0
Lithium	5.0	.37	.92		
Magnesium	500	5.4	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.05	.32		
Nickel	4.0	.03	.35		
Phosphorus	20	.18	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.2	.65		
Silicon	20	.13	11		
Silver	0.50	.09	.17		
Sodium	1000	2.3	78		
Strontium	5.0	.04	.18		
Sulfur	10	.41	3.9		
Thallium	1.0	.16	.58		
Tin	20	.09	3.8		
Titanium	1.0	.09	.34		
Tungsten	5.0	.2	1.8		
Vanadium	5.0	.08	.19		
Zinc	5.0	.02	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 03/12/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.05	.54		

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/12/25

Metal	JE7135-4 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr				
Arsenic	anr				
Barium	anr				
Beryllium	anr				
Bismuth					
Boron					
Cadmium	anr				
Calcium	anr				
Chromium	anr				
Cobalt	anr				
Copper	anr				
Iron	anr				
Lead	2.8	206	220	92.4	75-125
Magnesium	anr				
Manganese	anr				
Molybdenum					
Nickel	anr				
Phosphorus					
Potassium	anr				
Selenium	anr				
Silicon					
Silver	anr				
Sodium	anr				
Strontium					
Sulfur					
Thallium	anr				
Tin					
Titanium					
Tungsten					
Vanadium	anr				
Zinc	anr				
Zirconium					

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/12/25

Metal	JE7135-4 Original MS	Spikelot MPSPK2	% Rec	QC Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 03/12/25

Metal	JE7135-4 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Bismuth						
Boron						
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	2.8	204	215	93.6	1.0	20
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	anr					
Sodium	anr					
Strontium						
Sulfur						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					
Zinc	anr					
Zirconium						

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 03/12/25

	JE7135-4	Spikelot		MSD	QC
Metal	Original MSD	MPSPK2	% Rec	RPD	Limit

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/12/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	176	200	88.0	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/12/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/25

Metal	JE7135-4 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	26.4	44.6	68.9 (a)	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146 Methods: SW846 6010D
Matrix Type: SOLID Units: ug/l

Prep Date: 03/12/25

	JE7135-4		QC
Metal	Original SDL 1:5	%DIF	Limits

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/25

Metal	Sample ml	Final ml	JE7135-4 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JE7146
Account: TERRPNJP - Terraphase Engineering Inc.
Project: BDH Philadelphia Refinery, PA

QC Batch ID: MP53146
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/25

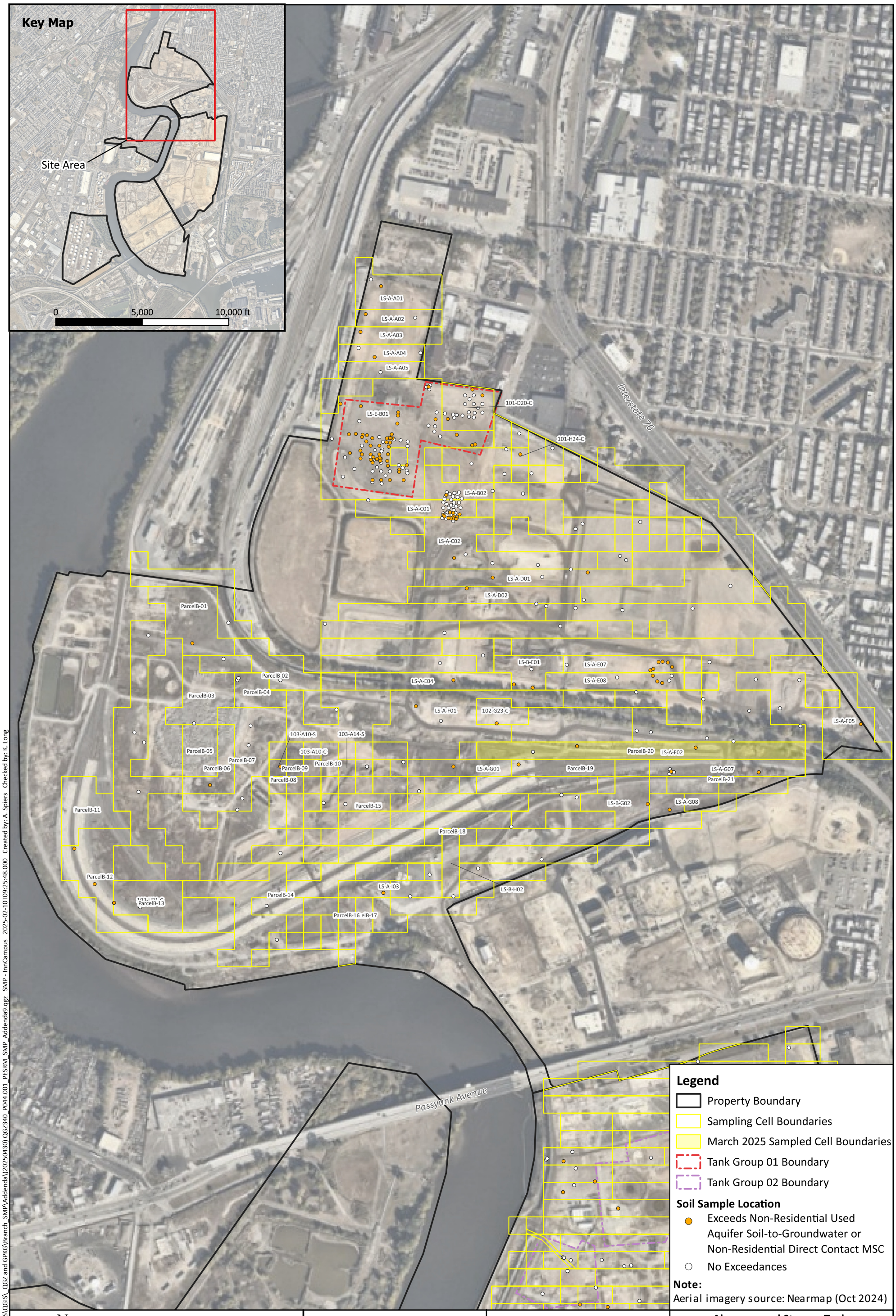
Metal	Sample ml	Final ml	JE7135-4 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP53146: JE7146-2, JE7146-4, JE7146-6, JE7146-8, JE7146-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

Appendix B

Other Program's Soil Analytical Results



SAFETY FIRST

terraphase engineering

CLIENT:	Bellwether District Holdings, LLC
PROJECT:	Soil Management Plan Addendum No. 9
PROJECT NUMBER:	P044.001.001

Aboveground Storage Tank, Evergreen, and RCRA Locations with Exceedances (Innovation Campus)

Figure 1

N:\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP\Addenda\(20250430) QGZ340_P044.001_PESRM_SMP_Addenda9.qgz SMP - InnCampus 2025-02-10T09:25:48.000 Created by: A. Spiers Checked by: K. Long

Key Map

Site Area

0 5,000 10,000 ft

Parc ParcelB-17 ParcelB-18

ParcelB-14

Possyunk Avenue

South 26th Street

Penrose Avenue

Delaware Expressway

Legend

- Property Boundary
- Sampling Cell Boundaries
- March 2025 Sampled 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. 9o
PROJECT NUMBER:	P044.001.001

Aboveground Storage Tank, Act 2 Evergreen, and RCRA Locations with Exceedances (Industrial Development Area)

Figure 2

N:\GIS\Prj\P044.001_PESRM-PES\QGIS_QGZ and GPKG\Branch_SMP\Addenda\(20250430) QGZ340_P044.001_PESRM_SMP_Addenda9.qgz SMP - IndDevArea 2025-02-10T09:25:48.000 Created by: A. Spiers Checked by: K. Long

Appendix C

Data Usability Summary

Table 1

Quality Control Checklist

Bellwether District Holdings, LLC

	Keyfile-Related			EDD-Related											
								Multiple Results							
SDG	Check Lab Login	Check Keyfile	COC/Field Notes Uploaded	Sample IDs and Prepping	Check Analyte List Reported	Review EDD for Issues	Check Dates, Matrix and Sample Type	Reported	Surrogate Recovery	Data Qualifiers	Reasonable Limits	Other	Resolved	Check for Concerning Qualifiers	Comments
JE7146	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No						Yes	

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 critera** 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 critera** 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 Notificaiton 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.