** This is a Region 5 Targeted Brownfields Assessment Funded Project **

PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER HAWORTH PROPERTY

200 South Blue Star Highway
Douglas, Allegan County, Michigan

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5
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Westlake, Ohio 44145

Prepared by

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1.0 INTRODUCTION

Under Superfund Technical Assessment and Response Team (START) Contract No. 68-HE-0519-D0005, Task Order-Task Order Line-Item No. (TO-TOLIN) F0107-0001CI110, the U.S. Environmental Protection Agency (EPA) tasked Tetra Tech, Inc. (Tetra Tech) to conduct a Phase II environmental site assessment (ESA) at the Former Haworth Property (the Site) under the Targeted Brownfields Assessment (TBA) program. The Site consists of one 7.18-acre parcel in the Douglas, Allegan County, Michigan, including one 146,761 square foot concrete slab on the Site.

The Phase II ESA was conducted to further delineate the extent of polychlorinated biphenyl (PCB) contamination in concrete and shallow soil in the north portion of the Site and to collect waste characterization samples from the concrete and shallow soils to determine the appropriate disposal categories.

Tetra Tech conducted the Phase II ESA in accordance with the following:

- ASTM International (ASTM) Standard E1903-19, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM 2019)
- Sampling and Analysis Plan (SAP) for the Former Haworth Property Site (Tetra Tech 2022a)
- Quality Assurance Project Plan (QAPP) for Region 5 Targeted Brownfields Assessment Projects in Indiana, Illinois, Michigan, Minnesota, Ohio, and Wisconsin (for Hazardous Substances and/or Petroleum), Revision 2 (Generic QAPP) (Tetra Tech 2019)
- QAPP Addendum for the Region 5 Targeted Brownfields Assessment Property, Former Haworth Property Site (Tetra Tech 2022b)

The Phase II ESA was completed by the following personnel:

- Carol Nissen, Tetra Tech, START TBA Program Manager
- Kelly Thomas, Tetra Tech, START Project Manager and Field Team Leader
- Todd Grossmann, Tetra Tech, Field Team Member
- Barbara Ball, Merit Laboratories, Inc. (Merit), Laboratory Quality Assurance (QA) Manager

Cabeno Environmental Field Services (Cabeno) conducted the direct-push drilling at the Site and contracted concrete coring to Diamond Concrete Sawing (Diamond). Analytical services for concrete and soil samples were provided by Merit.

This report summarizes Phase II ESA activities and presents a conceptual remedial action plan. Specifically, the report introduces the project in Section 1.0; discusses the ESA investigative methodology in Section 2.0; describes the environmental setting of the Site in Section 3.0; summarizes the Phase II ESA results in Section 4.0; presents the conceptual remedial action plan in Section 5.0; and presents conclusions in Section 6.0. All references cited in this report are in Section 7.0. Figures are presented in Appendix A. Sample analytical results summary tables are provided in Appendix B. A photographic documentation log is provided in Appendix C. Data validation reports are in Appendix D. The field logbook notes are provided in Appendix E. Laboratory analytical reports are provided in Attachment 1.

The remainder of Section 1.0 provides site background information, summarizes previous assessments conducted at the Site, and presents the objectives of this Phase II ESA.

1.1 SITE BACKGROUND

The Former Haworth Property consists of approximately 7.18 acres of land and is identified with the property identification number 50-016-070-00. The address is 200 South Blue Star Highway in the Douglas, Allegan County, Michigan. The Site previously contained an approximately 147,000-square-foot building that was used for industrial purposes, including plating, buffing, zinc die casting, metal forming, stamping, phosphatizing, and painting metal parts. The City of the Village of Douglas purchased the property in 2019. The Site has been vacant since 2014, and the building was demolished in 2021 with only the concrete slab remaining.

The geographic coordinates of the approximate center of the Site are 42.639708 north latitude and 86.211209 west longitude (**Figure 1)**. **Figure 2** shows the site features and surrounding properties. Although still displayed on Figure 2, the former building has been demolished.

The Site is bordered to the north by commercial properties; to the east by Blue Star Highway, commercial properties, and hotels, followed by residential properties; to the south by commercial and residential properties; and to the west by Ferry Street and undeveloped land. According to the U.S. Geological Survey (USGS) *Douglas, Michigan* quadrangle 7.5-minute topographic map series, the Site is located at an elevation of approximately 650 feet above mean sea level.

Historical sources indicate that die casting machines were formerly utilized within three pits located in the East Room in the northern portion of the former building; die casting operations ended in 1971, and the pits were backfilled several years prior.

Subsurface investigations dating back to 1987 have been conducted at the Site. From 1998 through 2015, investigations focused on a trichloroethylene (TCE) plume originating at the southeast portion of the former building. A soil vapor extraction (SVE) system was installed onsite, and groundwater wells are continuously monitored. The extent of the TCE plume has been investigated and is delineated as extending offsite to the northwest.

On October 9, 2015, Environmental Resources Management Michigan, Inc. (ERM) performed a Phase II ESA at the Site. A subsurface structure survey identified three pits in the northern section of the former building in the East Room (former die cast area). The pits are approximately 13 to 14 feet deep and reportedly were pumped empty, cleaned by hydro-blasting, and backfilled with clean fill decades ago. Four soil samples collected from the vicinity of the pits contained PCBs at concentrations exceeding 1 milligram per kilogram (mg/kg). In addition, PCBs were detected in one boring (GP-3) at a concentration of 1,800 mg/kg at the 5-foot depth interval, which exceeds the Toxic Substances Control Act (TSCA) criteria. ERM performed additional sampling and delineated the horizontal extent of PCB contamination within the TSCA cleanup standard for low occupancy areas of 100 mg/kg; the vertical extent of PCB contamination was not delineated (ERM 2015).

In 2016 and 2017, ERM collected surficial concrete samples from the building slab in the East Room and detected PCB concentrations ranging from non-detect to 5,600 mg/kg, exceeding TSCA criteria. ERM also collected concrete samples from the West Room in the northwestern portion of the former building; no concrete surface sample results exceeded 10 mg/kg. ERM surficial concrete sample locations with PCB detections exceeding TSCA criteria are displayed on Figure 3 for the East Room and on Figure 5 for the West Room in Appendix A.

In 2017, ERM installed four temporary monitoring wells to a depth of approximately 40 feet below ground surface (bgs) north of the East Room to determine if PCBs present in the concrete and soil had migrated to groundwater. No PCBs were detected above analytical detection limits in the groundwater samples. ERM also collected three soil gas samples in the East Room for laboratory analysis of PCBs; no PCBs were identified at concentrations exceeding laboratory detection limits (GHD Services, Inc. [GHD] 2018a).

GHD developed a Remedial Alternatives Evaluation (RAE) for the Site dated May 11, 2018. The RAE reviewed previous reports, documented the extent of PCB contamination at the Site, and evaluated remedial alternatives for risks associated with the residential and nonresidential direct contact pathways (GHD 2018a).

In June 2018, GHD conducted additional investigative sampling to vertically delineate the extent of PCB contamination in the East Room. PCB concentrations were delineated vertically to a depth of 18 to 20 feet below grade. However, soil borings at some locations could not be advanced to the necessary depths due to refusal. Thus, the vertical extent of PCB contamination in soil below the East Room is not fully defined.

GHD conducted additional sampling in the East and West Room. The West Room contained PCB concentrations exceeding 1 mg/kg, but concentrations did not exceed 100 mg/kg. The extent of PCBs in the concrete in the West Room was delineated to 1 mg/kg. PCB concentrations in the concrete in the East Room were delineated to 1 mg/kg, except for samples from around the east and north walls of the building. Soil sample locations with PCB detections exceeding TSCA criteria are displayed on Figure 4 for the East Room and on Figure 5 for the West Room in Appendix A.

GHD developed a PCB Cleanup Plan and Application for Risk-Based Cleanup and Disposal Approval and a subsequent addendum in August and September 2018, respectively. The Cleanup Plan included results of GHD's additional investigations, which aimed to further delineate PCB contamination at the Site (GHD 2018b).

PM Environmental, Inc (PM) completed a Baseline Environmental Assessment (BEA) in March 2019. The BEA identified the Site as a "facility" under Michigan Natural Resources and Environmental Protection Act (NREPA) Part 201 (PM 2019).

PM completed a TSCA Cleanup Evaluation for the Site in November 2021 (PM 2021). According to this document, the structure onsite was scheduled for demolition in December 2021. The TSCA Cleanup Evaluation updated the previous PCB Cleanup Plan due to the revised end-use of the property to include high-occupancy and residential use. The City of the Village of Douglas intends to redevelop the property for mixed commercial office/retail and residential use. Thus, the redevelopment plan includes high occupancy use, as defined under TSCA regulations.

The TSCA cleanup evaluation prepared by PM includes the following proposed remedial actions:

- Demolish the building structure and maintain portions of the concrete slab in the East Room and West Room for the interim to provide a temporary cap to the underlying PCB-contaminated soil.
- Remove and properly dispose of concrete present over soil with PCB concentrations exceeding 10 mg/kg in the East Room (700 cubic yards) to facilitate excavation of PCB-contaminated soil.

- Excavate and properly dispose of soil with PCB concentrations exceeding 10 mg/kg to a depth of 4 feet in the East Room.
- Remove and properly dispose of concrete containing PCBs at concentrations exceeding 1 mg/kg in the West Room (20 cubic yards).
- Excavate and properly dispose of limited areas of soil with PCB concentrations exceeding 1 mg/kg in the East Room and West Room to a depth of 1 foot. Estimated volume in the East Room is 1,090 cubic yards and in the West Room is 22 cubic yards.
- Install a demarcation fabric and minimum 10-inch-thick compacted clay cap over unexcavated soil containing PCB concentrations exceeding 1 mg/kg in the East Room and West Room.
- Remove the remaining portions of the concrete slab where PCB concentrations did not exceed 1 mg/kg during site redevelopment.
- Areas where soil PCB concentrations exceed 25 mg/kg will be restricted to low-occupancy use, as defined under TSCA regulations.
- All excavated soil and PCB-contaminated concrete will be disposed of as TSCA or TSCA-regulated soil and debris based on the PCB concentrations.

The City of the village of Douglas requested assistance from EPA to complete additional concrete and soil sampling for PCBs to determine the appropriate disposal requirements.

1.2 OBJECTIVES OF THE PHASE II ESA

The August 2022 START Phase II ESA was conducted to evaluate the presence of PCB impacts to the concrete slab and the underlying soil at the Site. Tetra Tech START reviewed the available PCB analytical data for concrete and soil in the East and West Rooms and identified data gaps warranting additional investigation. The assessment was performed to further delineate the magnitude and extent of PCBs in concrete and soil and to determine the appropriate remediation waste disposal categories.

<u>East Room</u>

The previous investigations by ERM and GHD identified PCBs in the concrete in the East Room. PCB concentrations in concrete samples from the East Room ranged from below the detection limit to 5,600 mg/kg. Thus, the concrete will be disposed of as TSCA or TSCA-regulated material. Based on the previous analytical results, PCB concentrations detected in concrete samples from a depth interval of 0 to 0.5-feet ranged from below analytical detection limits to less than 50 mg/kg, except for sample locations GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, and GP-121, and GP-123 which contained PCBs at concentrations exceeding 50 mg/kg. Concrete samples from the depth interval of 0.5 to 0.7-foot contained PCB concentrations exceeding 50 mg/kg, except for GP-45, GP-112, GP-124, and GP-125, which contained PCBs at concentrations less than 50 mg/kg. No concrete samples were collected from a depth interval greater than 0.7 foot. Thus, START recommended additional horizontal and vertical characterization of the concrete to more closely delineate the extent of PCBs that exceed TSCA and TSCA-regulated criteria and for waste characterization purposes.

The previous investigations by ERM and GHD identified PCB concentrations in the soil in the East Room exceeding TSCA and TSCA-regulated criteria. The remedial action planned to remove soil from 0 to 4

feet bgs in most of the East Room and remove soil from 0 to 1-foot bgs in one smaller area. START recommended further horizontal and vertical characterization of the soil to identify the extent of the soil exceeding TSCA and TSCA-regulated criteria and for waste characterization purposes.

West Room

The previous investigations by ERM and GHD delineated PCB soil contamination to an area in the northeastern portion of the West Room. Four concrete samples from the West Room (GP-48, GP-64, GP-85, and GP-87) near the PCB contaminated soil area contained PCB concentrations exceeding 1 mg/kg but below 50 mg/kg. The PCB-impacted concrete samples were reportedly collected from the surface of the concrete and contained PCB concentrations ranging from 1.6 mg/kg to 9.2 mg/kg. Thus, based on the analytical results, the concrete in the West Room does not exceed TSCA criteria but exceeds TSCA-regulated criteria (PCB concentration between 1 and 50 mg/kg) in surficial locations in the West Room. The West Room concrete appears to be sufficiently characterized and is planned to be disposed of as TSCA-regulated material. The concrete overlying the PCB contaminated soil area requires removal to allow for soil remediation. Therefore, START recommended a concrete sample be collected in the PCB contaminated soil area for waste characterization purposes.

The previous investigation by ERM detected a PCB concentration of 4.6 mg/kg in the soil at soil boring location GP-50 from a depth interval of 0.75 to 1.25 feet. Soil samples collected from deeper intervals (5-5.5 feet; 10-10.5 feet; 15-15.5 feet; and 19.5 to 20 feet) at soil boring GP-50 or other shallow locations did not contain PCBs above the analytical detection limit and soil contamination was delineated to the area surrounding GP-50. Thus, the West Room soil appears to be sufficiently delineated and is planned to be disposed of as TSCA-regulated material. Therefore, START recommended a soil sample to be collected in the PCB contaminated soil area (around GP-50) for waste characterization purposes.

2.0 INVESTIGATIVE METHODOLOGY

During the August 2022 Phase II ESA field investigation, Tetra Tech conducted concrete core sampling and soil sampling. The Phase II ESA investigative methodology is described in the following sections, and the investigative locations are presented in **Figures 3, 4, and 5** in **Appendix A**.

Before sampling activities began, START contacted MISS DIG to conduct a utility clearance, and the utility locations were identified and marked. In addition, the contractor decontaminated the working end of the rig and all coring equipment and tools before and in between each boring. START used a global positioning system (GPS) device to field flag each boring location.

2.1 CONCRETE SAMPLING

On August 16 thru and 18, 2022, START personnel provided oversight for the advancement of 30 concrete core borings within the East Room and West Room of the Site. The concrete core borings were advanced by Diamond to a maximum depth of 3 feet into the concrete slab using an approximately 1-inch diameter corer. Core borings were advanced in locations as follows:

<u>East Room</u>

- For the delineation of PCBs in the concrete slab, a total of 26 concrete core borings (CT01 through CT26) were planned and advanced to the bottom of the concrete slab, which was a maximum depth of 3 feet. One additional coring location (CT-17B) was advanced because the concrete corer encountered refusal before 3 feet at location CT-17.

- For waste characterization, two concrete core borings (CT-27 and CT-28) were advanced to the bottom of the slab, which was a maximum depth of 12-inches.

East Room concrete core sampling locations are presented in Figure 3 in Appendix A.

<u>West Room</u>

- For waste characterization, one concrete core boring CT-43 was advanced to the bottom of the slab, which was a maximum depth of 6.5 inches.

West Room concrete core sampling location is presented in Figure 5 in Appendix A.

Piles of demolition debris materials associated with the former building were wrapped in poly sheeting and located in the northern portions of the East and West Rooms. Some planned concrete core sampling locations were covered by the piles and were adjusted in the field.

The core samples were inspected for indications of chemical impacts, such as staining and odors. The core samples collected from the borings were continuously screened for soil vapors using a pre-calibrated photo-ionization detector (PID) organic vapor monitor. Several concrete cores in the East Room showed visual evidence of contamination (significant staining).

Up to three discrete core samples were collected from each coring location (CT-01 through CT-26) depending on the total depth of concrete and were analyzed for PCBs. The discrete concrete core samples were collected from the 0-to-1-foot depth interval, the 1-to-2-foot depth interval, and the 2-to-3-foot depth interval, if present. A total of 78 discrete core samples were submitted for laboratory analysis of PCBs.

One discrete core sample was collected from each coring (CT-27, FHP-CT28, and FHP-CT43) from the 0-to-1-foot depth interval. Each of these core samples was analyzed for PCBs, toxicity characteristic leaching procedure (TCLP) volatile organic compounds (VOC), TCLP semi-volatile organic compounds (SVOC), and TCLP metals for waste characterization.

All core samples were placed into laboratory-prepared sample containers and stored in a secured, iced cooler at less than 6°C. Samples were hand-delivered to Merit in East Lansing, Michigan, and submitted for laboratory analysis under chain-of-custody protocol. Each core sample was pulverized at the laboratory using milling or grinding equipment to achieve a uniform consistency prior to laboratory analysis for PCBs or waste characterization parameters. The results of analyses are summarized in **Section 4.1.**

2.2 SOIL SAMPLING

On August 17 and 18, 2022, START's subcontractor Cabeno advanced 15 soil borings. The soil borings in the East Room were advanced to a maximum depth of 4 feet below the base of the concrete slab, and the West Room soil boring was advanced to 12 inches below the base of the concrete slab. Soil borings were advanced in locations as follows:

<u>East Room</u>

- Twelve soil borings (SS-29 through SS-40) were advanced to 4 feet below the base of the concrete slab to delineate the extent of PCBs in upper soil.
- Two soil borings (SS-41 and SS-42) were advanced to 4 feet below the base of the concrete slab to analyze the upper soils for waste characterization parameters.

East Room soil sampling locations are presented in Figure 4 in Appendix A.

<u>West Room</u>

- One soil boring (SS-44) was advanced to 12 inches below the base of the concrete slab to analyze the upper soils for waste characterization parameters.

The West Room soil sampling location is presented in Figure 5 in Appendix A.

Some planned soil sampling locations were covered by the debris piles and were adjusted in the field.

All soil borings were continuously sampled via direct push methods by a track-mounted Geoprobe® unit. The soil borings were advanced to a maximum depth of 4 feet below the base of the concrete slab. Groundwater was not encountered during boring advancement. Concrete was cored and/or hammered using the Geoprobe. Soil was continuously collected within 4-foot MacroCore (polyethylene) liners.

START screened each sample core for VOCs using a PID. Soil sample intervals were placed in a small sealed bag for collecting headspace readings. PID screening results were recorded for each 1-foot interval and are summarized in the field logbook (**Appendix E**).

Four discrete soil samples were collected from each soil boring (SS-29 through SS-40) from each 1-foot depth interval. A total of 48 soil samples were submitted for laboratory analysis of PCBs. Six duplicate soil samples were also collected and submitted for the same analyses.

One discrete soil sample was collected from soil borings SS-41 and SS-42 in the East Room from the 0-to 4-foot interval, and one soil sample was collected from soil boring SS-43 in the West Room from the 0-to 12-inch interval. These soil samples were submitted for laboratory analysis of PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals for waste characterization. One duplicate soil sample was collected and submitted for the same analyses.

Soil in each interval was thoroughly mixed to facilitate the collection of a representative soil sample. After the soils were blended until the texture and color of the mixture appeared uniform, samples for PCB and the waste parameter analysis were collected and placed into the appropriate containers. The QA/quality control (QC) samples were collected immediately after the respective sample.

All soil samples were placed into laboratory-prepared sample containers, uniquely identified, labeled, and stored in a secured, iced cooler at less than 6°C. Samples were hand-delivered to Merit and submitted for laboratory analysis under chain-of-custody protocol. The results of the analyses are summarized in **Section 4.2.**

2.3 SAMPLE NUMBERING SYSTEM

All concrete and soil samples collected for laboratory analysis, including QC samples, were assigned a unique sample number in accordance with the approved SAP per the following format (Tetra Tech 2022a):

FHP-MatrixXX(x-x)-mmddyy

Where:

- Site designation is “FHP,” indicating that the sample is from the Former Haworth Property site.
- “Matrix” indicates the matrix as follows: “CT” for concrete samples and “SS” for soil samples.
- “XX” is the sample location number.
- (x-x) is the sample depth measured in inches
- “mmddyy” is the date the sample was collected.

Field duplicate samples were also assigned with a unique sequential duplicate sample number. Descriptions of the parent and duplicate sample relationships are provided below:

- Duplicate soil sample FHP-SS-DUP01 was collected with the parent sample FHP-SS34(0-12)
- Duplicate soil sample FHP-SS-DUP02 was collected with the parent sample FHP-SS34(12-24)
- Duplicate soil sample FHP-SS-DUP03 was collected with the parent sample FHP-SS42(0-48)
- Duplicate soil sample FHP-SS-DUP04 was collected with the parent sample FHP-SS39(0-12)
- Duplicate soil sample FHP-SS-DUP05 was collected with the parent sample FHP-SS39(12-24)
- Duplicate soil sample FHP-SS-DUP06 was collected with the parent sample FHP-SS38(0-12)
- Duplicate soil sample FHP-SS-DUP07 was collected with the parent sample FHP-SS38(12-24)

2.4 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

During field activities, the investigation-derived waste (IDW) was double-bagged and containerized for disposal. The concrete and soil cuttings were containerized in two 5-gallon buckets and sampled for waste characterization to properly dispose of the waste. The waste samples were sent to Merit for analysis, and the results for PCBs, TCLP VOC, TCLP SVOCs, and TCLP metals are represented in Table B-3 in **Appendix B.**

Buckets containing IDW were sealed and staged at the Site under a tarp with other building debris awaiting disposal.

2.5 SAMPLE HANDLING, TRACKING, AND CUSTODY PROCEDURES

This section describes sample packaging and shipping procedures and QA/QC procedures for concrete and soil samples.

2.5.1 Sample Packaging and Shipping Procedures

All samples were identified, handled, tracked, and maintained under chain-of-custody procedures in accordance with the QAPP (Tetra Tech 2019). Samples were collected in laboratory-supplied sample containers and pre-preserved containers provided by the laboratory, as applicable. Sample containers were tightly sealed and immediately packed on ice in coolers in an upright position. After each sample was collected, the laboratory chain-of-custody form was updated. Sample coolers were securely taped for delivery to prevent any tampering or loss of samples and were transported directly to the laboratory with relinquish and acceptance dates and times recorded on the chain-of-custody forms.

2.5.2 Quality Assurance and Quality Control Procedures

Field QA/QC samples were obtained and submitted for analysis for assessing the quality of the data that resulted from the field sampling program. No equipment blank samples were necessary since samples were collected using disposable sampling equipment. Field QA/QC samples included the following:

- Duplicates: Duplicate soil samples were collected in the field and submitted to the laboratory. These samples were collected at an approximate rate of 1 per every 20 samples and measured laboratory precision and matrix variability. Because of the nature of the concrete, no duplicate concrete samples were collected.
- Matrix Spike/ Matrix Spike Duplicates (MS/MSD): MS/MSD soil samples were collected in the field and submitted to the laboratory. These samples were collected at an approximate rate of 1 per every 20 samples and measured laboratory accuracy and precision and matrix variability. Because of the nature of the concrete, no MS/MSD concrete samples were collected.

2.6 FIELD MEASUREMENTS AND RECORDKEEPING

The field team and project manager monitored adherence to the SAP, QAPP, and QAPP Addendum (Tetra Tech 2022a, 2019, and 2022b). A field logbook was maintained to document the sampling activities and field screenings (**Appendix E**).

The date and start time were recorded at the beginning of each logbook entry. Measurements and samples collected were recorded in the field logbook or on field forms. Photographs documenting field activities are provided in **Appendix C**.

2.7 DECONTAMINATION PROCEDURES

The Geoprobe sampling rod and concrete corer were decontaminated before use, between each sampling location, and at the end of the field investigation. Decontamination methods for sampling equipment consisted of an Alconox detergent wash followed by potable water rinse. All disposable sampling supplies, MacroCores, and personal protective equipment (PPE) were bagged and disposed of properly.

2.8 WASTE CHARACTERIZATION AND MANAGEMENT

Disposable sampling equipment and PPE were double bagged and disposed of as solid waste.

2.9 ANALYTICAL METHODOLOGY

Merit Laboratories, Inc., a laboratory certified by the National Environmental Laboratory Accreditation Program, performed the concrete and soil analyses. Concrete and soil investigative samples were analyzed using one or more of the following analytical methods:

- TCLP VOCs – SW-846 Method 8260B
- TCLP SVOCs – EPA SW-846 Method 8270D
- TCLP RCRA Metals – EPA SW-846 Method 6020A/7471B
- PCBs – EPA SW-846 Method 8082A

As required in the QAPP, Tetra Tech conducted data validation on concrete and soil data, and all data were deemed useable for the purposes of the project, with qualifiers assigned as appropriate. The laboratory data validation report is provided in **Appendix D**. Laboratory analytical results for concrete and soil samples are summarized in tables provided in **Appendix B**. Laboratory analytical reports for the samples are provided in **Attachment 1**.

3.0 ENVIRONMENTAL SETTING

This section describes the regional physiography, regional geology and hydrogeology, and site-specific geology and hydrogeology.

3.1 REGIONAL PHYSIOGRAPHY

According to the USGS Douglas 7.5-minute topographic map series, the Site is located at an elevation of approximately 650 feet above mean sea level (USGS 1994). The Site is relatively flat.

3.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Bedrock Geology of Michigan indicates the bedrock of the Site is the Coldwater/Sunbury/Berea Shale of the Mississippian Period (University of Michigan 2016). The Site is underlain by the Michigan Basin of the Paleozoic Era.

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) identifies the dominant surficial soil component as a Chelsea loamy fine sand and Oshtemo-Chelsea complex. The soils have very high infiltration rates and are sandy with a high water table or shallow to an impervious layer.

The groundwater flow was calculated in previous investigations to the northwest toward Wicks Creek.

3.3 SITE GEOLOGY AND HYDROGEOLOGY

The general geologic profile of the Site consists of fill and debris and sandy topsoil in the 0- to 4-foot depth interval. Fine silty sand and rocks were encountered in the soil borings below a depth of 1-foot bgs.

4.0 PHASE II ESA RESULTS

The results of the Phase II ESA are described in this section. The laboratory data packages are provided as **Attachment 1**. The laboratory data validation report is provided in **Appendix D**. Laboratory analytical results for concrete and soil samples are summarized in tables provided in **Appendix B**.

4.1 CONCRETE

Concrete samples were analyzed for PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals to characterize the disposal of the concrete to be generated during site redevelopment activities. The concrete samples analyzed for PCBs were compared to TSCA criteria found in 40 CFR Part 761. The samples analyzed for TCLP parameters were compared to the 40 CFR 261.24 hazardous waste requirements for toxicity.

The analytical results for concrete are summarized in Table B-1 and the waste disposal analytical results are summarized in Table B-3 in Appendix B. PCB results are summarized for the East Room concrete in Figure 3 and for the West Room concrete in Figure 5 in Appendix A. The following is a summary of the laboratory analytical results:

- PCB Aroclor-1254 was detected in concrete samples above the TSCA-regulated criteria of 1.0 mg/kg but below the TSCA waste criteria of 50.0 mg/kg in the following East Room samples:
    - FHP-CT01(0-4)-20220817, FHP-CT02(0-12)-20220817, FHP-CT03(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT07(0-12)-20220817, FHP-CT08(0-12)-20220817, FHP-CT10(12-24)-20220817, FHP-CT10(24-36)-20220817, FHP-CT11(0-12)-20220817, FHP-CT12(0-9)-20220817, FHP-CT13(0-12)-20220817, FHP-CT14(0-11)-20220817, FHP-CT16(0-12)-20220818, FHP-CT17(12-24)-20220817, FHP-CT18(0-9.5)-20220817, FHP-CT19(12-19)-20220818, FHP-CT25(0-12)-20220818, FHP-CT27(0-12)-20220817, and FHP-CT28(0-12)-20220817
- PCB Aroclor-1254 was detected in concrete samples above the TSCA waste criteria of 50.0 mg/kg in the following East Room samples:
    - FHP-CT04(0-11.5)-20220817, FHP-CT05(0-12)-20220817, FHP-CT09(0-7.5)-20220817, FHP-CT17(0-12)-20220817, FHP-CT20(0-12)-20220817, FHP-CT20(12-24)-20220817, and FHP-CT20(24-36)-20220817

No PCBs were detected in the one concrete sample collected in the West Room. No analytes were detected in concrete samples above the 40 CFR 261.24 hazardous waste criteria.

4.2 SOIL

Soil samples were analyzed for PCBs, TCLP VOCs, TCLP SVOCs, and TCLP metals. The soil samples were analyzed for PCBs to determine the required disposal method of the soil. In addition, some samples were analyzed for TCLP parameters to determine if they exceeded hazardous waste criteria in 40 CFR 261.24.

The PCB analytical results for soil are summarized in Table B-2 and the waste disposal analytical results are summarized in Table B-3 in Appendix B. PCB results are summarized for the East Room soils in Figure 4 and for the West Room soils in Figure 5 in Appendix A. The following is a summary of the laboratory analytical results:

- PCB Aroclor-1254 was detected in soil samples above the TSCA-regulated criteria of 1 mg/kg but below the TSCA waste criteria of 50 mg/kg in the following East Room samples:

  - FHP-SS32(0-12)-20220817, FHP-SS39(0-12)-2022818 and its duplicate sample, FHP-SS40(0-12)-20220818, FHP-SS40(12-24)-20220818, FHP-SS41(0-48)-20220817;

- PCB Aroclor-1254 was detected in soil samples above the TSCA waste criteria of 50.0 mg/kg in the following East Room sample:
  - FHP-SS42(0-48)-20220818 and its duplicate sample

No PCB concentrations above 1 mg/kg were detected in the one concrete sample collected in the West Room. No analytes were detected in soil samples above the 40 CFR 261.24 hazardous waste criteria.

4.3 QUALITY ASSURANCE/QUALITY CONTROL

The QA/QC sample results were evaluated as part of the data review process. Tetra Tech prepared a laboratory data validation report, which is included in **Appendix D**. Method detection limits for soil and concrete were within the limits for the method approved in the QAPP Addendum. All data were deemed useable and qualified as needed.

5.0 CONCEPTUAL REMEDIAL ACTION PLAN

Based on soil and concrete analytical results from samples collected during the August 2022 Phase II ESA activities and previous investigations, PCBs were detected above the TSCA and TSCA-regulated waste disposal criteria.

East Room - Concrete

The previous investigations by ERM and GHD identified PCBs in the concrete at concentrations exceeding 50 mg/kg at sample locations GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127. The August 2022 investigation included additional horizontal and vertical characterization of concrete to delineate the extent of PCBs more closely. PCB concentrations detected in concrete from the 0- to 1-foot depth interval ranged from below the detection limit to 8,920 mg/kg. Samples from locations CT-04, CT-05, CT-09, CT-17, and CT-20 contained PCBs at concentrations exceeding 50 mg/kg in the shallow (less than 1-foot) concrete. PCB concentrations also exceeded 50 mg/kg at CT-20 in the 1- to 2-foot depth interval (3,660 mg/kg) and the 2- to 3-foot depth interval (253 mg/kg). PCB results are summarized for the East Room concrete in Figure 3 in Appendix A.

Additional waste characterization samples were collected for TCLP parameters, and no analytes were detected above the 40 CFR 261.24 hazardous waste criteria.

Based on these analytical results, shallow concrete (less than 12 inches) at locations CT-04, CT-05, CT-09, CT-17, CT-20, GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127 exceed the TSCA criteria and should be disposed of as TSCA waste. Concrete at deeper intervals (up to 3 feet) also exceeds TSCA criteria at CT-20 and should be disposed of as TSCA waste. The remaining concrete in the East Room that exceeds 1 mg/kg PCB concentrations should be disposed of as TSCA-regulated waste.

East Room - Soil

The previous investigations by ERM and GHD identified PCBs in the soil at concentrations exceeding the TSCA waste criteria of 50 mg/kg at locations GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013. PCBs exceeded 1 mg/kg but were below 50 mg/kg at GP-12, GP-13, GP-18, GP-20, GP-22, GP-23, GP-26, GP-31, GP-39, GP-42, GP-45, GP-46, GP-47, GP-73, GP-75, GP-76, GP-90, GP-93, and GP-94. The August 2022 investigation included additional horizontal and vertical characterization of soil to delineate the extent of PCBs more closely. PCB concentrations detected in soil from the 0- to 1-foot depth interval ranged from below the detection limit to 13 mg/kg. Samples from locations SS-32, SS-39 (and its duplicate sample), and SS-40 contained PCBs in the 0- to 1-foot depth interval at concentrations exceeding 1 mg/kg but below 50 mg/kg. The sample from location SS-40 contained PCB concentrations in the 1- to 2-foot depth interval exceeding 1 mg/kg but below 50 mg/kg. The sample collected over the entire 0- to 4-foot depth interval at SS-41 exceeded 1 mg/kg, and the sample and duplicate collected at SS-42 contained PCB concentrations exceeding the TSCA criteria of 50 mg/kg. PCB results are summarized for the East Room soils in Figure 4 in Appendix A.

In addition, waste characterization samples were analyzed for TCLP parameters. No analytes were detected above the 40 CFR 261.24 hazardous waste criteria.

Based on these analytical results, soils with PCB concentrations exceeding 1 mg/kg should be excavated and disposed of as TSCA-regulated waste. Soil from SS-42, GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013 should be excavated to up to 4-feet and disposed of as TSCA waste. Following excavation, areas containing PCB concentrations above 1 mg/kg should be capped in accordance with the requirements of 40 CFR 761.61(a)(7) to act as an exposure barrier above remaining PCB-impacted soil.

West Room - Concrete

Concrete in the West Room was sufficiently characterized in previous investigations and PCBs were detected in four concrete samples collected from the West Room near the PCB contaminated soil area. The PCB-impacted concrete samples were reportedly collected from the surface of the concrete and contained PCB concentrations ranging from 1.6 mg/kg to 9.2 mg/kg. In the August 2022 investigation, PCBs were not detected in concrete above the laboratory detection limit in the 0- to 12-inch interval. Thus, based on the analytical results, the concrete in the West Room does not exceed TSCA criteria but exceeds TSCA-regulated criteria (PCB concentration between 1 and 50 mg/kg) in surficial locations in the West Room, and the concrete with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated material. Based on the analytical results for the TCLP parameters, the West Room concrete does not exceed the 40 CFR 261.24 hazardous waste criteria.

West Room - Soil

Soil in the West Room was sufficiently delineated in previous investigations to 1 mg/kg in the PCB contaminated soil area around GP-50. In the August 2022 investigation, PCBs were detected in the PCB contaminated soil area at 0.80 mg/kg in the 0- to 12-inch interval, and no analytes were detected above the 40 CFR 261.24 hazardous waste criteria. Based on the previous analytical results, the soils in the PCB contaminated area will be disposed of as TSCA-regulated waste. The West Room soil does not exceed the 40 CFR 261.24 hazardous waste criteria.

PCB results are summarized for the West Room concrete and soils in Figure 5 in Appendix A.

6.0 SUMMARY AND RECOMMENDATIONS

In August 2022, Tetra Tech conducted a Phase II ESA for the Former Haworth Property Site, which consists of one 7.18-acre parcel, including a concrete slab from a former 146,761-square-foot industrial building. The Site is located at 200 South Blue Star Highway in Douglas, Allegan County, Michigan.

The Phase II ESA was conducted at the request and authorization of EPA to further delineate the known PCB contamination within the concrete slab and underlying soils and to conduct waste characterization of the concrete and soil. The Phase II ESA was completed through the EPA's TBA program.

6.1 CONCRETE

The Phase II ESA included advancement of 30 concrete cores within the East and West Rooms of the former building. Discrete concrete core samples were collected from 1-foot intervals up to three feet in total thickness (0- to 1-foot interval, 1- to 2-foot interval, and 2- to 3-foot interval) in the East Room and from the 0- to 1-foot interval in the West Room. A total of 78 discrete core samples were submitted for laboratory analysis of PCBs. Three samples from the 0- to 1-foot depth interval were also collected and analyzed for waste characterization parameters at locations CT-27, CT-28, and CT-43.

Laboratory analytical results for the East Room and West Room core samples are summarized below. No other constituents were detected above their applicable screening levels.

<u>East Room</u>

- PCBs were detected above the TSCA regulated concentration of 50 mg/kg in shallow (less than 12 inches) concrete at locations CT-04, CT-05, CT-09, CT-17, CT-20, GP-51, GP-52, GP-54, GP-55, GP-56, GP-57, GP-114, GP-117, GP-120, GP-121, GP-123, and GP-127. Concrete at deeper intervals (up to 3 feet) also exceeds 50 mg/kg at CT-20. The concrete associated with these locations should be disposed of as TSCA waste.
- Concrete in the East Room with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated waste.
- No TCLP parameters in concrete samples were detected at concentrations exceeding the applicable waste characterization screening levels.

<u>West Room</u>

- Based on the results of the current and previous investigations, PCBs were detected in four concrete samples in the West Room near the PCB contaminated soil area above 1 mg/kg. Therefore, concrete associated with these locations should be disposed of as TSCA-regulated waste.
- No TCLP parameters in concrete samples were detected at concentrations exceeding the applicable waste characterization screening levels.

6.2 SOIL

The Phase II ESA included the advancement of 15 soil borings within the East and West Rooms. The soil borings in the East Room were advanced to a maximum depth of 4 feet below the base of the concrete slab, and soil borings in the West Room were advanced to 12 inches below the base of the concrete slab.

East Room

- PCBs were detected exceeding TSCA criteria of 50 mg/kg at SS-42, GP-10, GP-11, GP-16, GP-17, GP-19, GP-28, GP-36, GP-37, GP-41, GP-74, BH-010, and BH-013. Soils associated with these locations should be disposed of as TSCA waste.
- Soil in the East Room with PCB concentrations above 1 mg/kg should be disposed of as TSCA-regulated waste.
- No TCLP parameters in soil samples were detected at concentrations exceeding the applicable waste characterization screening levels.

West Room

- Based on the results of the current and previous investigations, PCBs were detected at GP-50 above 1 mg/kg. Soil in the west room associated with this location should be disposed as PCB-regulated waste.
- No TCLP parameters in soil samples were detected at concentrations exceeding the applicable waste characterization screening levels.

7.0 REFERENCES

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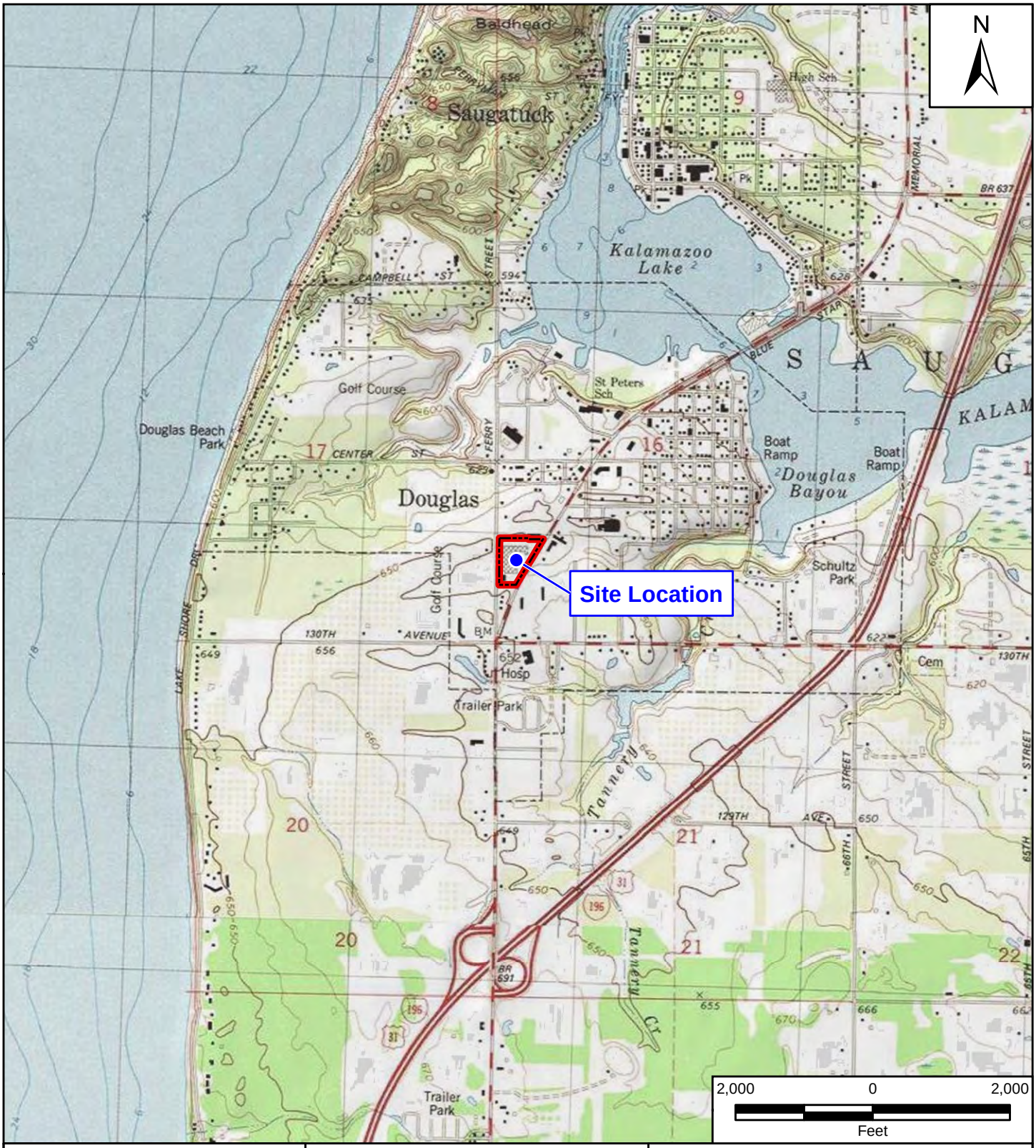
APPENDIX A
FIGURES



Reference Map

Legend

Approximate Site Boundary

Source: USGS 7.5 Minute Topographic Quadrangle Map: Douglas, MI 1998

Former Haworth Property Site
200 S. Blue Star Highway
Douglas, Allegan County, MI

Figure 1
Site Location Map

TETRA TECH

Prepared For: US EPA

Prepared By: Tetra Tech

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Date Saved: 1/14/2022

EPA Contract No.: 68HE0519D0005

TO/TOLIN: F0107-0001CI110

Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units: Degree

Legend

Approximate Site Boundary

Former Haworth Property Site
200 S. Blue Star Highway
Douglas, Allegan County, MI

Figure 2
Site Layout Map

TETRA TECH

Prepared For: US EPA

Prepared By: Tetra Tech

File Path: G:\GG9031-START V\Michigan\Former Haworth Property Site\mxd\Fig2-SiteLayout.mxd

Date Saved: 1/14/2022

EPA Contract No.: 68HE0519D0005

TO/TOLIN: F0107-0001CI110

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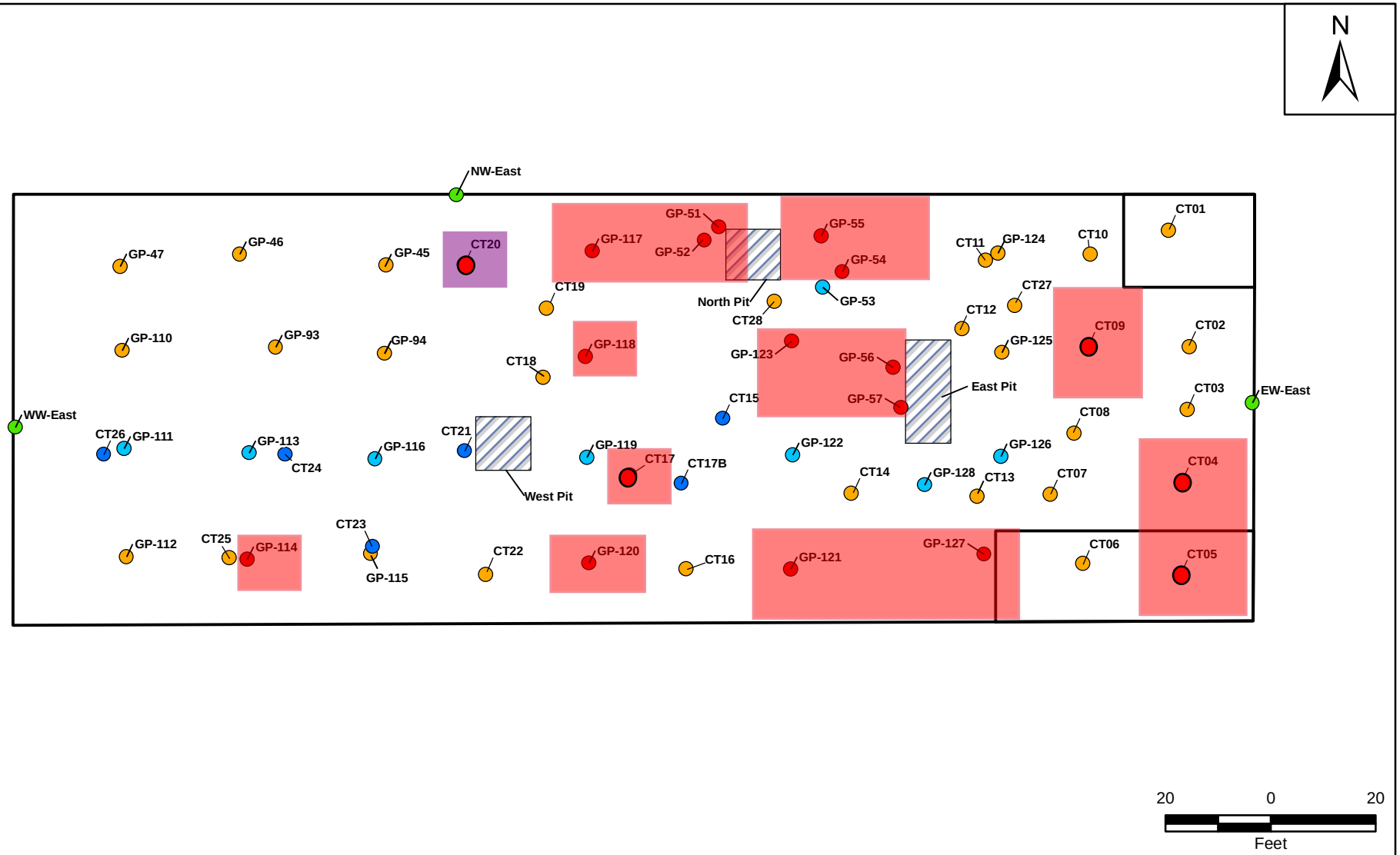
Datum: North American 1983
Units: Foot US



Legend

- **Concrete Core Sample (Tetra Tech)** PCB < 1 mg/kg
- **Wall Sample Location (GHD)**
- **Concrete Sample (ERM) - Surficial samples with PCB below detection limit**
- **Concrete Sample - PCB between 1 and 50 mg/kg**
- **Concrete Sample - PCB > 50 mg/kg**

mg/kg = milligrams per kilogram

- **East Room**
- **Exceeds 50 mg/kg in shallow concrete (less than 12 inches)**
- **Exceeds 50 mg/kg in deep concrete (up to 36 inches)**

Former Haworth Property Site
200 S. Blue Star Highway
Douglas, Allegan County, MI

Figure 3
East Room
Concrete Sample Locations

TETRA TECH

Prepared For: US EPA | Prepared By: Tetra Tech

File Path: G:\G\G9031-START V\Michigan\Former Haworth Property Site\mxd\2022-09\Fig3-EastRoomConcreteSamples.mxd

Date Saved: 9/29/2022

EPA Contract No.: 68HE0519D0005

TO/TOLIN: F0107-0001CI110

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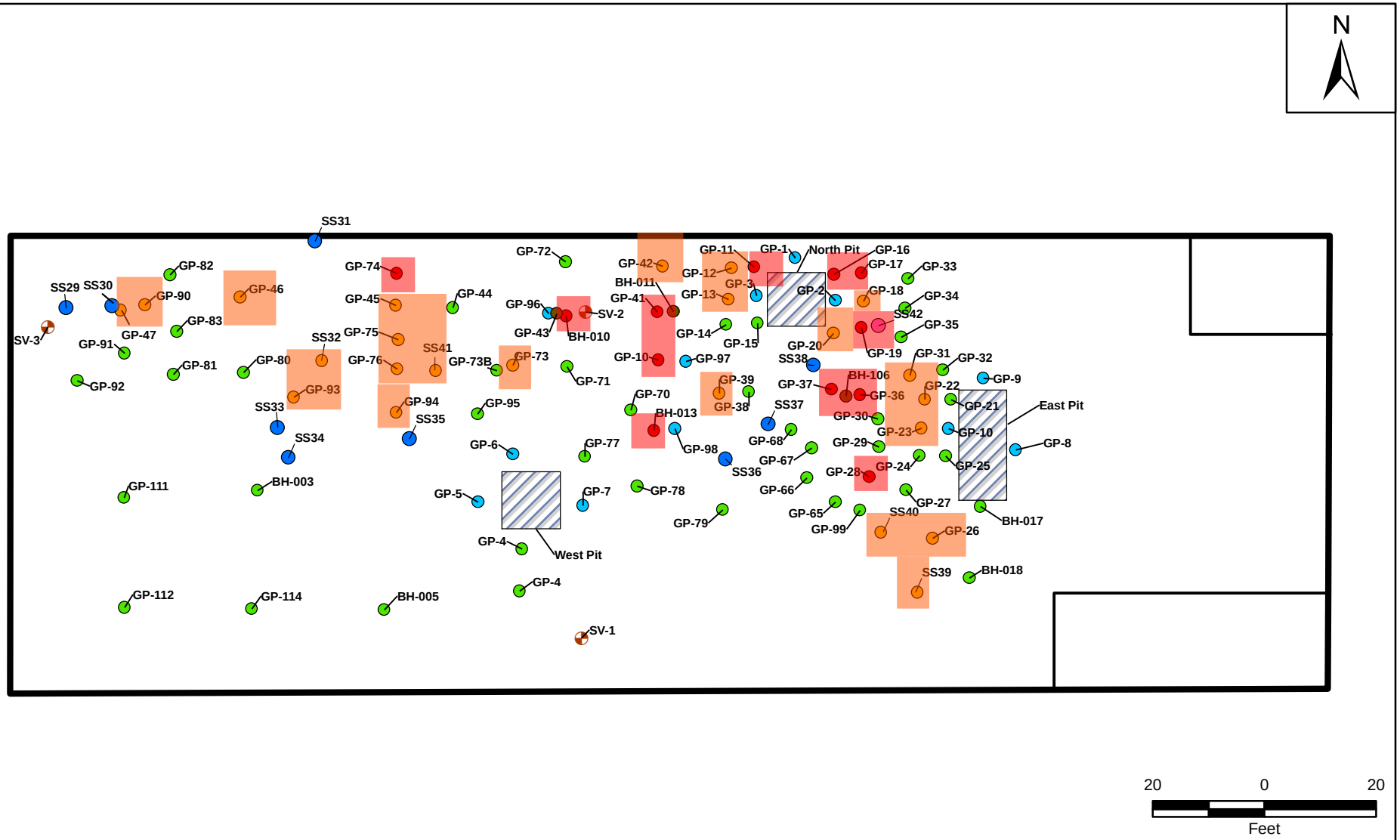

Legend

- **Soil Boring (Tetra Tech)** PCBs < 1 mg/kg
- **Soil Sample Location (ERM) - no sample collected from the 0 to 4 foot depth interval**
- **Soil Sample Location - PCB Between 1 and 50 mg/kg**
- **PCB between 1 and 50 mg/kg**
- **PCB exceeds 50 mg/kg**
- Soil Sample Location (ERM) - PCB Below 1 mg/kg
- Soil Sample Location - PCB Exceeds 50 mg/kg
- Soil Sample Location (GRD)
- Soil Gas Sample Location (ERM)
- East Room

Note:
Sample PCB concentrations represent the 0 to 4 foot depth interval only.

Former Haworth Property Site
200 S. Blue Star Highway
Douglas, Allegan County, MI

Figure 4
East Room
Soil Sample Locations

TETRA TECH

Prepared For: US EPA | Prepared By: Tetra Tech

File Path: G:\G\G9031-START V\Michigan\Former Haworth Property Site\mxd\2022-09\Fig4-EastRoomSoilSamplesT.mxd

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EPA Contract No.: 68HE0519D0005

TO/TOLIN: F0107-0001CI110

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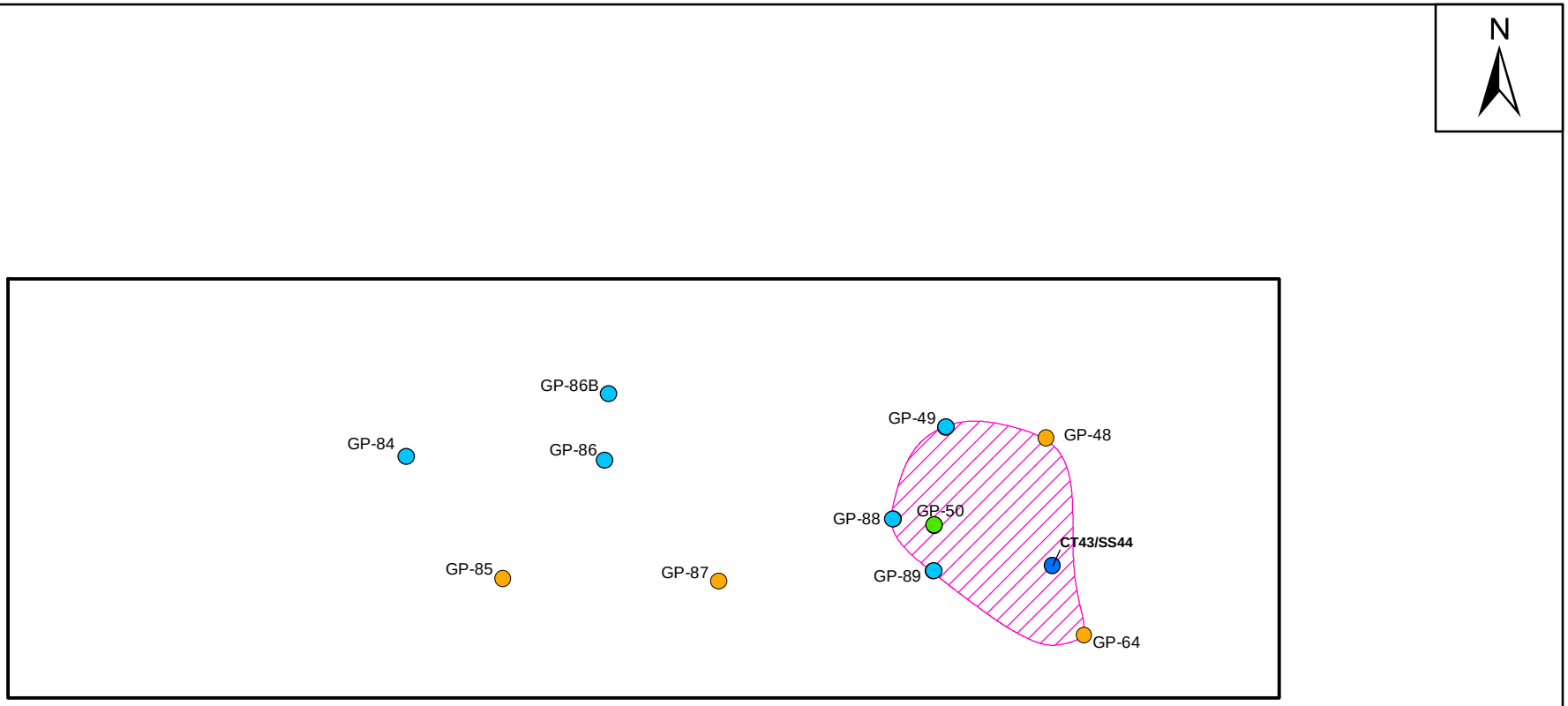


Legend

- Concrete and Soil Sample (Tetra Tech) PCB < 1 mg/kg
- Historic Concrete Sample PCB between 1 and 50 mg/kg
- Historic Soil Sample PCB between 1 and 50 mg/kg
- Historic Concrete or Soil Sample PCB < 1 mg/kg
- PCB-Contaminated Area- Soil
- West Room

10 0 10
Feet

Former Haworth Property Site
200 S. Blue Star Highway
Douglas, Allegan County, MI

Figure 5
West Room Sample Locations

TETRA TECH

Prepared For: US EPA | Prepared By: Tetra Tech

File Path: G:\G\G9031-START V\Michigan\Former Haworth Property Site\mxd\2022-09\Fig5-WestRoomSample.mxd

Date Saved: 10/4/2022

EPA Contract No.: 68HE0519D0005

TO/TOLIN: F0107-0001CI110

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983
Units: Foot US

APPENDIX B
SAMPLE ANALYTICAL SUMMARY TABLES

TABLE B-1

FORMER HAWORTH PROPERTY SITE - CONCRETE PCB RESULTS SUMMARY

				East Room															
			Sample Location	CT01	CT02		CT03	CT04	CT05	CT06	CT07	CT08	CT09	CT10			CT11	CT12	CT13
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-4	0-12	12-16	0-12	0-11.5	0-12	0-12	0-12	0-12	0-7.5	0-12	12-24	24-36	0-12	0-9	0-12
Aroclor-1016	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U
Aroclor-1221	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U
Aroclor-1232	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U
Aroclor-1242	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U
Aroclor-1248	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U
Aroclor-1254	1	50		1.7	26	0.33 U	28	94	126	6.0	39	13	262	0.7	7.0	20	13	34	1.9
Aroclor-1260	1	50		0.33 U	3.0 U	0.33 U	5.0 U	20 U	20 U	1.0 U	6.0 U	2.0 U	30 U	0.33 U	1.0 U	3.0 U	3.0 U	5.0 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

TABLE B-1

FORMER HAWORTH PROPERTY SITE - CONCRETE PCB RESULTS SUMMARY

				East Room															
			Sample Location	CT14	CT15	CT16	CT17			CT17B	CT18	CT19		CT20			CT21		
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-11	0-8	0-12	0-12	12-24	24-36	0-9	0-9.5	0-12	12-19	0-12	12-24	24-36	0-12	12-24	24-36
Aroclor-1016	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U
Aroclor-1221	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U
Aroclor-1232	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U
Aroclor-1242	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U
Aroclor-1248	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U
Aroclor-1254	1	50		50	0.33 U	23	405	6.0	0.33 U	0.33 U	2.4	0.33 U	3.5	8920	3660	253	0.33 U	0.33 U	0.33 U
Aroclor-1260	1	50		5.0 U	0.33 U	5.0 U	100 U	1.0 U	0.33 U	0.33 U	0.50 U	0.33 U	0.33 U	1000 U	1000 U	30 U	0.33 U	0.33 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

TABLE B-1

FORMER HAWORTH PROPERTY SITE - CONCRETE PCB RESULTS SUMMARY

				East Room											West Room
			Sample Location	CT22	CT23	CT24			CT25	CT26			CT27	CT28	CT43
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-12	0-5.5	0-12	12-24	24-36	0-12	0-12	12-24	24-36	0-12	0-12	0-6.5
Aroclor-1016	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U
Aroclor-1221	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U
Aroclor-1232	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U
Aroclor-1242	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U
Aroclor-1248	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U
Aroclor-1254	1	50		9.0	0.33 U	0.33 U	0.33 U	0.33 U	29	0.33 U	0.33 U	0.33 U	2.5	3.2	0.33 U
Aroclor-1260	1	50		1.00 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.33 U	0.33 U	0.33 U	1.0 U	0.50 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

TABLE B-2

FORMER HAWORTH PROPERTY SITE - SOIL PCB RESULTS SUMMARY

				East Room													
			Sample Location	SS29				SS30				SS31				SS32	
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24	24-36	36-48	0-12	12-24
Aroclor-1016	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254	1	50		0.33	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	4.5	0.50
Aroclor-1260	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

J - The result is considered approximate

TABLE B-2

FORMER HAWORTH PROPERTY SITE - SOIL PCB RESULTS SUMMARY

				East Room																	
			Sample Location	SS33				SS34						SS35				SS36			
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-12	12-24	24-36	36-48	0-12	0-12 DUP	12-24	12-24 DUP	24-36	36-48	0-12	12-48	24-36	36-48	0-12	12-24	24-36	36-48
Aroclor-1016	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

J - The result is considered approximate

TABLE B-2

FORMER HAWORTH PROPERTY SITE - SOIL PCB RESULTS SUMMARY

				East Room															
			Sample Location	SS37				SS38						SS39					
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-12	12-24	24-36	36-48	0-12	0-12 DUP	12-24	12-24 DUP	24-36	36-48	0-12	0-12 DUP	12-24	12-24 DUP	24-36	36-48
Aroclor-1016	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1.3 J	8.0 J	0.50 J	0.33 UJ	0.33 U	0.33 U
Aroclor-1260	1	50		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.0 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

J - The result is considered approximate

TABLE B-2

FORMER HAWORTH PROPERTY SITE - SOIL PCB RESULTS SUMMARY

				East Room							West Room
			Sample Location	SS40				SS41	SS42		SS44
Analyte	TSCA Regulated Criteria	TSCA Waste Criteria	Depth interval (inches)	0-12	12-24	24-36	36-48	0-48	0-48	0-48 DUP	0-12
Aroclor-1016	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U
Aroclor-1221	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U
Aroclor-1232	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U
Aroclor-1242	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U
Aroclor-1248	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U
Aroclor-1254	1	50		13	4.6	0.33 U	0.33 U	46	63 J	134 J	0.80
Aroclor-1260	1	50		3.0 U	0.50 U	0.33 U	0.33 U	5.0 U	15 U	15 U	0.33 U

Notes:

mg/kg - milligrams per kilogram

TSCA - Toxic Substances Control Act

Results and criteria are provided in mg/kg

Result exceeds the TSCA-regulated criteria of 1.0 mg/kg

Result exceeds TSCA waste criteria of 50.0 mg/kg

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

J - The result is considered approximate

TABLE B-3

FORMER HAWORTH PROPERTY SITE - WASTE DISPOSAL RESULTS SUMMARY

			Soil				Concrete			IDW	
			East Room			West Room	East Room		West Room		
		Sample Location	SS41		SS42	SS44	CT27	CT28	CT43	SSWASTE	CTWASTE
Analyte	Disposal Criteria	Depth interval (inches)	0-48	0-48 DUP	0-48	0-12	0-12	0-12	0-6.5		
Benzene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Carbon tetrachloride, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Chlorobenzene, TCLP	100		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Chloroform, TCLP	6		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,4-Dichlorobenzene, TCLP	7.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,2-Dichloroethane, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
1,1-Dichloroethene, TCLP	0.7		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
2-Butanone (MEK), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene, TCLP	0.7		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Trichloroethene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Vinyl chloride, TCLP	0.2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
2-Methylphenol (o-Cresol), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
3-, 4-Methylphenol (p,m-Cresol), TCLP	200		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol, TCLP	100		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol, TCLP	400		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,6-Trichlorophenol, TCLP	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4-Dinitrotoluene, TCLP	0.13		0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U
Hexachlorobenzene, TCLP	0.13		0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U
Hexachlorobutadiene, TCLP	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachloroethane, TCLP	3		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Nitrobenzene, TCLP	2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Pyridine, TCLP	5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 UJ
Arsenic, TCLP	5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Barium, TCLP	100		0.090	0.28	0.24	0.34	0.38	0.14	0.15	0.33	0.20
Cadmium, TCLP	1		0.0050 U	0.0050 U	0.0050 U	0.0050	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium, TCLP	5		0.050 U	0.050 U	0.050 U	0.050 U	0.080	0.070	0.070	0.050 U	0.080
Lead, TCLP	5		0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
Mercury, TCLP	0.2		0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Selenium, TCLP	1		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Silver, TCLP	5		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes

IDW - Investigative Derived Waste

mg/L - milligrams per liter

Results and criteria are provided in mg/L

U - The result was not detected above the laboratory reporting limit

UJ - The analyte was not detected above the laboratory reporting limit, which is considered approximate due to deficiencies in the quality control criteria

APPENDIX C

PHOTOGRAPHIC DOCUMENTATION LOG

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 1 **Date:** August 16, 2022 **Description:** East Room with debris piles located in the northern portion of the Site **Direction:** Southwest	
Photograph No. 2 **Date:** August 16, 2022 **Description:** West Room with debris piles in the northern portion of the Site. **Direction:** Southeast	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 3 **Date:** August 17, 2022 **Description:** Concrete core operator completing a core location in the East Room. **Direction:** South	
Photograph No. 4 **Date:** August 17, 2022 **Description:** Concrete core from the East Room immediately after sampling. **Direction:** NA	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 5 **Date:** August 17, 2022 **Description:** Concrete core from CT-10 in the East Room. **Direction:** NA	
Photograph No. 6 **Date:** August 17, 2022 **Description:** Concrete core from CT-20 in the East Room with significant staining. **Direction:** NA	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 7 **Date:** August 17, 2022 **Description:** Geoprobe operator advancing soil boring in the East Room. **Direction:** East	
Photograph No. 8 **Date:** August 17, 2022 **Description:** Soil boring collected at SS-41 in the East Room. **Direction:** NA	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

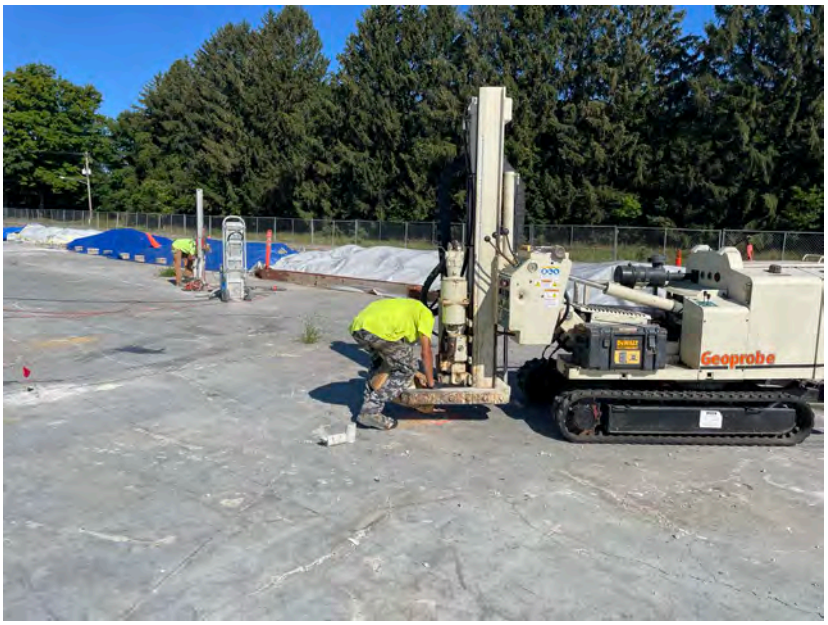
Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 9 **Date:** August 17, 2022 **Description:** Superfund Technical Assessment and Response Team (START) member collecting soil from SS-38 East Room boring after homogenizing soil. **Direction:** Northwest	
Photograph No. 10 **Date:** August 17, 2022 **Description:** Geoprobe operator using water and Alconox to decontaminate the sampling rod between sample locations. **Direction:** Northeast	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 11 **Date:** August 17, 2022 **Description:** Geoprobe operator decontaminating the sampling rod between sampling locations. **Direction:** East	
Photograph No. 12 **Date:** August 18, 2021 **Description:** Geoprobe operator using bentonite chips to abandon soil boring logs. **Direction:** Northwest	

Photographic Documentation

Client: U.S. EPA Region 5
Site Name: Former Haworth Property Site
Location: City of the Village of Douglas, Allegan County, Michigan

Prepared by: Tetra Tech, Inc.
TO-TOLIN: F0107-0001CI110
Date: August 16-18, 2022

Photograph No. 13 **Date:** August 18, 2022 **Description:** Waste material buckets staged onsite awaiting disposal. **Direction:** NA	

APPENDIX D
DATA VALIDATION REPORT

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT

Site Name	Former Haworth Property		**TO/TOLIN No.**	103X903101070001CI110
Document Tracking No.	1406a			
Data Reviewer (signature and date)	9/9/2022		**Technical Reviewer (signature and date)**	14 September 2022
Laboratory Report No.	S39420		**Laboratory**	Merit Laboratories, Inc., East Lansing, MI
Analyses	Toxic Characteristic Leachate Procedure (TCLP) extraction [EPA 1311] followed by Resource Conservation and Recovery Act (RCRA) Metals [EPA 6020A and 7471B]; Volatile Organic Compounds (VOCs) [EPA 8060C]; and Semivolatile Organic Compounds (SVOCs) [EPA 8270D]. Also, Polychlorinated biphenyls (PCBs) [EPA 8082A]; Total Cyanide [EPA 335.4]; Sulfide by Standard Methods (SM) 4500-S2 D; Phenols by EPA 9066; pH and Corrosivity by EPA 9045D; Flashpoint for solids by EPA 1030			
Samples and Matrix	Eighty-five soil/solid samples, including five field duplicate samples			
Collection Date(s)	August 17-18, 2022			
Field Duplicate Pairs	FHP-SS-DUP01 / FHP-SS34(0-12)-20220817 FHP-SS-DUP02 / FHP-SS34(12-24)-20220817 FHP-SS-DUP03 / FHP-SS42(0-48)-20220818 FHP-SS-DUP06 / FHP-SS38(0-12)-20220818 FHP-SS-DUP07 / FHP-SS38(12-24)-20220818			
Field QC Blanks	None			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 3* (January 2022), the Tetra Tech *Site-Specific Quality Assurance Project Plan Addendum, Revision 1* (July 2022), the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020), and the EPA *NFGs for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The chain-of-custody (COC) form states that the deliverable required is a Level IV. However, this Targeted Brownfield Assessment (TBA) site is under the state program, which only requires a Level II data package (which was provided). The analytical report and electronic data deliverable (EDD) only provide reporting limit (RL) values and not method detection limit (MDL) values. The General Report Notes state that non-detect results indicate the analyte was not found at or above the RL. No qualifications were applied for these circumstances. No custody seals were present on the cooler as it was delivered in person by the sampler/s to the laboratory. Per the site-specific QAPP, a trip blank is to be submitted with TCLP VOCs analyses, however, no trip blank results are included in this report. The data user should be aware that samples were not evaluated for potential contamination from sample transportation and field handling procedures.

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
N	**PCBs**: Surrogate compound Tetrachloro-m-xylene (TCX) was below acceptance criteria for samples FHP-CT18(0-9.5)-20220818, FHP-CT22(0-12)-20220818 FHP-CT22(0-12)-20220818, FHP-CT19(12-19)-20220818, FHP-CT16(0-12)-20220818, FHP-CT16(0-12)-20220818, FHP-CT25(0-12)-20220818, FHP-CT17(0-12)-20220817, FHP-CT17(12-24)-20220817, FHP-SS44(0-12)-20220817, FHP-SS41(0-48)-20220817, FHP-SS-DUP03, FHP-SS42(0-48)-20220818, FHP-SS32(0-12)-20220817, FHP-SS-DUP01, FHP-CT02(0-12)-20220817, FHP-CT03(0-12)-20220817, FHP-CT04(0-12)-20220817, FHP-CT05(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT06(0-12)-20220817, FHP-CT07(0-12)-20220817, FHP-CT08(0-12)-20220817, FHP-CT09(0-7.5)-20220817, FHP-CT11(0-12)-20220817, FHP-CT12(0-12)-20220817, FHP-CT10(12-24)-20220817, FHP-CT10(24-36)-20220817, FHP-CT15(0-8)-20220817, FHP-CT20(0-12)-20220817, FHP-CT20(12-24)-20220817, FHP-CT20(24-36)-20220817, FHP-CT27(0-12)-20220817, FHP-CT28(0-12)-20220817. However, these samples were diluted greater than 10-fold; therefore, no qualifications were necessary. Surrogate compound Decachlorobiphenyl (DCBP) was recovered above acceptance criteria for samples FHP-CT22(0-12)-20220818 and FHP-SS-DUP02. However, these samples were diluted greater than 10-fold; therefore, no qualifications were necessary.

MS/MSDs:

Within Criteria	Exceedance/Notes
N	**SVOCs (FHP-CTWASTE-20220818):** Pyridine matrix spike (MS) recovery was below acceptance criteria. No MSD was analyzed. Due to this apparent matrix interference, the non-detected result for pyridine in the parent sample was qualified as estimated, possibly biased low (flagged UJ).

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	

Field duplicates:

Within Criteria	Exceedance/Notes
N	**PCBs:** The relative percent difference (RPD) was outside acceptance criteria (>70%) for Aroclor 1254 for field duplicate pair FHP-SS-DUP03 / FHP-SS42(0-48)-20220818. Therefore, the Aroclor 1254 result for both samples was qualified as estimated (flagged J).

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	**TCLP Metals**: all samples were analyzed at a 25-fold dilution. **TCLP Mercury**: all samples were analyzed at a 2-fold dilution. **TCLP VOCs**: all samples were analyzed at a 100-fold dilution. **TCLP SVOCs**: all samples were analyzed at a 10-fold dilution. **PCBs**: sample dilutions ranged from 1, 10, 30, 50, 100, 200, 300, 500, 600, 1,000, 3000, 10,000, and 100,000-fold. **Total Cyanide**: sample FHP-CTWASTE-20220818 was analyzed at a 50-fold dilution. **Sulfide**: FHP-CTWASTE-20220818 was analyzed at a 48-fold dilution. **Phenols**: FHP-CTWASTE-20220818 was analyzed at a 20-fold dilution.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
N	PCB results for most samples had elevated RLs due to sample composition. No qualifications were deemed necessary. MDLs were not provided in the laboratory report, nor in the EDD. Non-detect results were reported at the value of the RL. Only RLs are provided in the attached analytical data table.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [NA]:

Within Criteria	Exceedance/Notes
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39420

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT21(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT21(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT21(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT21(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT18(0-9.5)-20220818	SW8082A	12674-11-2	PCB-1016		UY	0.5	mg/kg	0.50	U
FHP-CT18(0-9.5)-20220818	SW8082A	53469-21-9	PCB-1242		UY	0.5	mg/kg	0.50	U
FHP-CT18(0-9.5)-20220818	SW8082A	11104-28-2	PCB-1221		UY	0.5	mg/kg	0.50	U
FHP-CT18(0-9.5)-20220818	SW8082A	11141-16-5	PCB-1232		UY	0.5	mg/kg	0.50	U
FHP-CT18(0-9.5)-20220818	SW8082A	12672-29-6	PCB-1248		UY	0.5	mg/kg	0.50	U
FHP-CT18(0-9.5)-20220818	SW8082A	11097-69-1	PCB-1254	2.4	Y	0.5	mg/kg	2.4	
FHP-CT18(0-9.5)-20220818	SW8082A	11096-82-5	PCB-1260		UY	0.5	mg/kg	0.50	U
FHP-CT22(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		UY	1	mg/kg	1.00	U
FHP-CT22(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		UY	1	mg/kg	1.00	U
FHP-CT22(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		UY	1	mg/kg	1.00	U
FHP-CT22(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		UY	1	mg/kg	1.00	U
FHP-CT22(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		UY	1	mg/kg	1.00	U
FHP-CT22(0-12)-20220818	SW8082A	11097-69-1	PCB-1254	9	Y	1	mg/kg	9.0	
FHP-CT22(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		UY	1	mg/kg	1.00	U
FHP-CT23(0-5.5)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT23(0-5.5)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT19(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT19(12-19)-20220818	SW8082A	12674-11-2	PCB-1016		UY	0.5	mg/kg	0.50	U
FHP-CT19(12-19)-20220818	SW8082A	53469-21-9	PCB-1242		UY	0.5	mg/kg	0.50	U
FHP-CT19(12-19)-20220818	SW8082A	11104-28-2	PCB-1221		UY	0.5	mg/kg	0.50	U
FHP-CT19(12-19)-20220818	SW8082A	11141-16-5	PCB-1232		UY	0.5	mg/kg	0.50	U
FHP-CT19(12-19)-20220818	SW8082A	12672-29-6	PCB-1248		UY	0.5	mg/kg	0.50	U
FHP-CT19(12-19)-20220818	SW8082A	11097-69-1	PCB-1254	3.5	Y	0.5	mg/kg	3.5	
FHP-CT19(12-19)-20220818	SW8082A	11096-82-5	PCB-1260		UY	0.5	mg/kg	0.50	U
FHP-CT16(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-CT16(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-CT16(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-CT16(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U
FHP-CT16(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-CT16(0-12)-20220818	SW8082A	11097-69-1	PCB-1254	23	Y	5	mg/kg	23	
FHP-CT16(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-CT25(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-CT25(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-CT25(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-CT25(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39420

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT25(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-CT25(0-12)-20220818	SW8082A	11097-69-1	PCB-1254	29	Y	5	mg/kg	29	
FHP-CT25(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-CT24(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT24(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT24(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT24(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT26(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT26(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT26(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT17(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	100	mg/kg	100	U
FHP-CT17(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	100	mg/kg	100	U
FHP-CT17(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	100	mg/kg	100	U
FHP-CT17(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	100	mg/kg	100	U
FHP-CT17(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	100	mg/kg	100	U
FHP-CT17(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	405	Y	100	mg/kg	405	
FHP-CT17(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	100	mg/kg	100	U
FHP-CT17(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1	mg/kg	1.0	U
FHP-CT17(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1	mg/kg	1.0	U
FHP-CT17(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1	mg/kg	1.0	U
FHP-CT17(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1	mg/kg	1.0	U
FHP-CT17(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1	mg/kg	1.0	U
FHP-CT17(12-24)-20220817	SW8082A	11097-69-1	PCB-1254	6	Y	1	mg/kg	6.0	
FHP-CT17(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1	mg/kg	1.0	U
FHP-CT17(24-32)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT17(24-32)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U

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Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT17B(0-9)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT17B(0-9)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CTWASTE-20220818	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CTWASTE-20220818	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-CTWASTE-20220818	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-CTWASTE-20220818	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-CTWASTE-20220818	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	UJ
FHP-CTWASTE-20220818	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-CTWASTE-20220818	SW6020A	7440-39-3	Barium, TCLP	0.2		0.05	mg/L	0.20	
FHP-CTWASTE-20220818	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-CTWASTE-20220818	SW6020A	7440-47-3	Chromium, TCLP	0.08		0.05	mg/L	0.080	
FHP-CTWASTE-20220818	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-CTWASTE-20220818	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-CTWASTE-20220818	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-CTWASTE-20220818	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-CTWASTE-20220818	E335.4/SM4500-CN	57-12-5	Cyanide, Total		U	0.1	mg/kg	0.10	U
FHP-CTWASTE-20220818	SM4500-S2 D	18496-25-8	Sulfide		U	1	mg/kg	1.0	U
FHP-CTWASTE-20220818	SW9066	PHENOLS	Phenols	2.3		0.2	mg/kg	2.3	
FHP-CTWASTE-20220818	SW9045D	PH	pH/ Corrosivity	11.3		0.01	STD Units	11.3	
FHP-CTWASTE-20220818	SW1030	IGNITCC	Flashpoint for Solids		U	2.2	mm/sec	2.2	U
FHP-SS44(0-12)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS44(0-12)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SS44(0-12)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SS44(0-12)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-SS44(0-12)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SS44(0-12)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.34		0.05	mg/L	0.34	
FHP-SS44(0-12)-20220817	SW6020A	7440-43-9	Cadmium, TCLP	0.005		0.005	mg/L	0.0050	
FHP-SS44(0-12)-20220817	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
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Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS44(0-12)-20220817	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SS44(0-12)-20220817	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SS44(0-12)-20220817	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS44(0-12)-20220817	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS44(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS44(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS44(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS44(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS44(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS44(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	0.8		0.33	mg/kg	0.80	
FHP-SS44(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS41(0-48)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS41(0-48)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SS41(0-48)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SS41(0-48)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-SS41(0-48)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SS41(0-48)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.09		0.05	mg/L	0.090	
FHP-SS41(0-48)-20220817	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS41(0-48)-20220817	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS41(0-48)-20220817	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SS41(0-48)-20220817	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SS41(0-48)-20220817	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS41(0-48)-20220817	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS41(0-48)-20220817	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-SS41(0-48)-20220817	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-SS41(0-48)-20220817	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-SS41(0-48)-20220817	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U
FHP-SS41(0-48)-20220817	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-SS41(0-48)-20220817	SW8082A	11097-69-1	PCB-1254	46	Y	5	mg/kg	46	
FHP-SS41(0-48)-20220817	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-SS-DUP03	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SS-DUP03	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SS-DUP03	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SS-DUP03	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SS-DUP03	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS-DUP03	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS-DUP03	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SS-DUP03	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SS-DUP03	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS-DUP03	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-SS-DUP03	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SS-DUP03	SW6020A	7440-39-3	Barium, TCLP	0.28		0.05	mg/L	0.28	
FHP-SS-DUP03	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS-DUP03	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS-DUP03	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SS-DUP03	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SS-DUP03	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS-DUP03	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS-DUP03	SW8082A	12674-11-2	PCB-1016		UY	15	mg/kg	15	U
FHP-SS-DUP03	SW8082A	53469-21-9	PCB-1242		UY	15	mg/kg	15	U
FHP-SS-DUP03	SW8082A	11104-28-2	PCB-1221		UY	15	mg/kg	15	U
FHP-SS-DUP03	SW8082A	11141-16-5	PCB-1232		UY	15	mg/kg	15	U
FHP-SS-DUP03	SW8082A	12672-29-6	PCB-1248		UY	15	mg/kg	15	U
FHP-SS-DUP03	SW8082A	11097-69-1	PCB-1254	134	Y	15	mg/kg	134	J
FHP-SS-DUP03	SW8082A	11096-82-5	PCB-1260		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SS42(0-48)-20220818	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SS42(0-48)-20220818	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SS42(0-48)-20220818	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-SS42(0-48)-20220818	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SS42(0-48)-20220818	SW6020A	7440-39-3	Barium, TCLP	0.24		0.05	mg/L	0.24	
FHP-SS42(0-48)-20220818	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS42(0-48)-20220818	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS42(0-48)-20220818	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SS42(0-48)-20220818	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SS42(0-48)-20220818	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SS42(0-48)-20220818	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SS42(0-48)-20220818	SW8082A	12674-11-2	PCB-1016		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	SW8082A	53469-21-9	PCB-1242		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	SW8082A	11104-28-2	PCB-1221		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	SW8082A	11141-16-5	PCB-1232		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	SW8082A	12672-29-6	PCB-1248		UY	15	mg/kg	15	U
FHP-SS42(0-48)-20220818	SW8082A	11097-69-1	PCB-1254	63	Y	15	mg/kg	63	J
FHP-SS42(0-48)-20220818	SW8082A	11096-82-5	PCB-1260		UY	15	mg/kg	15	U
FHP-SS38(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS38(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS37(36-48)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS37(36-48)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS37(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS37(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS37(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS-DUP07	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS38(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS-DUP06	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS31(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS31(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS31(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39420

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS31(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS31(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS32(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	0.6	mg/kg	0.60	U
FHP-SS32(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	0.6	mg/kg	0.60	U
FHP-SS32(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	0.6	mg/kg	0.60	U
FHP-SS32(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	0.6	mg/kg	0.60	U
FHP-SS32(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	0.6	mg/kg	0.60	U
FHP-SS32(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	4.5	Y	0.6	mg/kg	4.5	
FHP-SS32(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	0.6	mg/kg	0.60	U
FHP-SS32(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS32(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS32(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS32(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS32(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS32(12-24)-20220817	SW8082A	11097-69-1	PCB-1254	0.5		0.33	mg/kg	0.50	
FHP-SS32(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS33(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS33(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS33(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS33(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS30(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS30(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS30(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS30(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS30(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS-DUP02	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS-DUP01	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS34(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS34(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS34(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS34(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS29(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	0.33		0.33	mg/kg	0.33	
FHP-SS29(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS29(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U

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Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS29(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS29(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS29(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT01(0-4)-20220817	SW8082A	11097-69-1	PCB-1254	1.7		0.33	mg/kg	1.7	
FHP-CT01(0-4)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT02(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	3	mg/kg	3.0	U
FHP-CT02(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	3	mg/kg	3.0	U
FHP-CT02(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-CT02(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-CT02(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-CT02(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	26	Y	3	mg/kg	26	
FHP-CT02(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-CT02(12-16)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT02(12-16)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT03(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-CT03(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-CT03(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-CT03(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U
FHP-CT03(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-CT03(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	28	Y	5	mg/kg	28	
FHP-CT03(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-CT04(0-11.5)-20220817	SW8082A	12674-11-2	PCB-1016		UY	20	mg/kg	20	U
FHP-CT04(0-11.5)-20220817	SW8082A	53469-21-9	PCB-1242		UY	20	mg/kg	20	U
FHP-CT04(0-11.5)-20220817	SW8082A	11104-28-2	PCB-1221		UY	20	mg/kg	20	U
FHP-CT04(0-11.5)-20220817	SW8082A	11141-16-5	PCB-1232		UY	20	mg/kg	20	U
FHP-CT04(0-11.5)-20220817	SW8082A	12672-29-6	PCB-1248		UY	20	mg/kg	20	U
FHP-CT04(0-11.5)-20220817	SW8082A	11097-69-1	PCB-1254	94	Y	20	mg/kg	94	
FHP-CT04(0-11.5)-20220817	SW8082A	11096-82-5	PCB-1260		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	20	mg/kg	20	U
FHP-CT05(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	126	Y	20	mg/kg	126	
FHP-CT05(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	20	mg/kg	20	U
FHP-CT06(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1	mg/kg	1.0	U
FHP-CT06(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1	mg/kg	1.0	U
FHP-CT06(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1	mg/kg	1.0	U
FHP-CT06(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1	mg/kg	1.0	U
FHP-CT06(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1	mg/kg	1.0	U
FHP-CT06(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	6	Y	1	mg/kg	6.0	
FHP-CT06(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1	mg/kg	1.0	U
FHP-CT07(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	6	mg/kg	6.0	U
FHP-CT07(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	6	mg/kg	6.0	U
FHP-CT07(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	6	mg/kg	6.0	U
FHP-CT07(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	6	mg/kg	6.0	U
FHP-CT07(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	6	mg/kg	6.0	U
FHP-CT07(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	39	Y	6	mg/kg	39	
FHP-CT07(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	6	mg/kg	6.0	U

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Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT08(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	2	mg/kg	2.0	U
FHP-CT08(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	2	mg/kg	2.0	U
FHP-CT08(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	2	mg/kg	2.0	U
FHP-CT08(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	2	mg/kg	2.0	U
FHP-CT08(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	2	mg/kg	2.0	U
FHP-CT08(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	13	Y	2	mg/kg	13	
FHP-CT08(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	2	mg/kg	2.0	U
FHP-CT09(0-7.5)-20220817	SW8082A	12674-11-2	PCB-1016		UY	30	mg/kg	30	U
FHP-CT09(0-7.5)-20220817	SW8082A	53469-21-9	PCB-1242		UY	30	mg/kg	30	U
FHP-CT09(0-7.5)-20220817	SW8082A	11104-28-2	PCB-1221		UY	30	mg/kg	30	U
FHP-CT09(0-7.5)-20220817	SW8082A	11141-16-5	PCB-1232		UY	30	mg/kg	30	U
FHP-CT09(0-7.5)-20220817	SW8082A	12672-29-6	PCB-1248		UY	30	mg/kg	30	U
FHP-CT09(0-7.5)-20220817	SW8082A	11097-69-1	PCB-1254	262	Y	30	mg/kg	262	
FHP-CT09(0-7.5)-20220817	SW8082A	11096-82-5	PCB-1260		UY	30	mg/kg	30	U
FHP-CT11(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	3	mg/kg	3.0	U
FHP-CT11(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	3	mg/kg	3.0	U
FHP-CT11(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-CT11(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-CT11(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-CT11(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	13	Y	3	mg/kg	13	
FHP-CT11(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-CT12(0-9)-20220817	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-CT12(0-9)-20220817	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-CT12(0-9)-20220817	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-CT12(0-9)-20220817	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U
FHP-CT12(0-9)-20220817	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-CT12(0-9)-20220817	SW8082A	11097-69-1	PCB-1254	34	Y	5	mg/kg	34	
FHP-CT12(0-9)-20220817	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-CT10(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT10(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT10(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT10(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT10(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT10(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	0.7		0.33	mg/kg	0.70	
FHP-CT10(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT10(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1	mg/kg	1.0	U
FHP-CT10(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1	mg/kg	1.0	U
FHP-CT10(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1	mg/kg	1.0	U
FHP-CT10(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1	mg/kg	1.0	U
FHP-CT10(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1	mg/kg	1.0	U
FHP-CT10(12-24)-20220817	SW8082A	11097-69-1	PCB-1254	7	Y	1	mg/kg	7.0	
FHP-CT10(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1	mg/kg	1.0	U
FHP-CT10(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		UY	3	mg/kg	3.0	U
FHP-CT10(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		UY	3	mg/kg	3.0	U
FHP-CT10(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-CT10(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-CT10(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-CT10(24-36)-20220817	SW8082A	11097-69-1	PCB-1254	20	Y	3	mg/kg	20	
FHP-CT10(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-CT13(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT13(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT13(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT13(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT13(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT13(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	1.9		0.33	mg/kg	1.9	
FHP-CT13(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT14(0-11)-20220817	SW8082A	12674-11-2	PCB-1016		UY	5	mg/kg	5.0	U
FHP-CT14(0-11)-20220817	SW8082A	53469-21-9	PCB-1242		UY	5	mg/kg	5.0	U
FHP-CT14(0-11)-20220817	SW8082A	11104-28-2	PCB-1221		UY	5	mg/kg	5.0	U
FHP-CT14(0-11)-20220817	SW8082A	11141-16-5	PCB-1232		UY	5	mg/kg	5.0	U
FHP-CT14(0-11)-20220817	SW8082A	12672-29-6	PCB-1248		UY	5	mg/kg	5.0	U
FHP-CT14(0-11)-20220817	SW8082A	11097-69-1	PCB-1254	50	Y	5	mg/kg	50	
FHP-CT14(0-11)-20220817	SW8082A	11096-82-5	PCB-1260		UY	5	mg/kg	5.0	U
FHP-CT15(0-8)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT15(0-8)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT15(0-8)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT15(0-8)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT15(0-8)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT15(0-8)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-CT15(0-8)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-CT20(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1000	mg/kg	1000	U
FHP-CT20(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1000	mg/kg	1000	U
FHP-CT20(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1000	mg/kg	1000	U
FHP-CT20(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1000	mg/kg	1000	U
FHP-CT20(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1000	mg/kg	1000	U
FHP-CT20(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	8920	Y	1000	mg/kg	8920	
FHP-CT20(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1000	mg/kg	1000	U
FHP-CT20(12-24)-20220817	SW8082A	11097-69-1	PCB-1254	3660	Y	1000	mg/kg	3660	
FHP-CT20(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1000	mg/kg	1000	U
FHP-CT20(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		UY	30	mg/kg	30	U
FHP-CT20(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		UY	30	mg/kg	30	U
FHP-CT20(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		UY	30	mg/kg	30	U
FHP-CT20(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		UY	30	mg/kg	30	U
FHP-CT20(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		UY	30	mg/kg	30	U
FHP-CT20(24-36)-20220817	SW8082A	11097-69-1	PCB-1254	253	Y	30	mg/kg	253	
FHP-CT20(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		UY	30	mg/kg	30	U
FHP-CT27(0-12)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT27(0-12)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-CT27(0-12)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-CT27(0-12)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-CT27(0-12)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-CT27(0-12)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.38		0.05	mg/L	0.38	
FHP-CT27(0-12)-20220817	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT27(0-12)-20220817	SW6020A	7440-47-3	Chromium, TCLP	0.08		0.05	mg/L	0.080	
FHP-CT27(0-12)-20220817	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-CT27(0-12)-20220817	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-CT27(0-12)-20220817	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-CT27(0-12)-20220817	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT27(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	1	mg/kg	1.0	U
FHP-CT27(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	1	mg/kg	1.0	U
FHP-CT27(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	1	mg/kg	1.0	U
FHP-CT27(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	1	mg/kg	1.0	U
FHP-CT27(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	1	mg/kg	1.0	U
FHP-CT27(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	2.5	Y	1	mg/kg	2.5	
FHP-CT27(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	1	mg/kg	1.0	U
FHP-CT28(0-12)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U

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Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT28(0-12)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT28(0-12)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-CT28(0-12)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-CT28(0-12)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-CT28(0-12)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-CT28(0-12)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.14		0.05	mg/L	0.14	
FHP-CT28(0-12)-20220817	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT28(0-12)-20220817	SW6020A	7440-47-3	Chromium, TCLP	0.07		0.05	mg/L	0.070	
FHP-CT28(0-12)-20220817	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-CT28(0-12)-20220817	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-CT28(0-12)-20220817	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-CT28(0-12)-20220817	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT28(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		UY	0.5	mg/kg	0.50	U
FHP-CT28(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		UY	0.5	mg/kg	0.50	U
FHP-CT28(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		UY	0.5	mg/kg	0.50	U
FHP-CT28(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		UY	0.5	mg/kg	0.50	U
FHP-CT28(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		UY	0.5	mg/kg	0.50	U
FHP-CT28(0-12)-20220817	SW8082A	11097-69-1	PCB-1254	3.2	Y	0.5	mg/kg	3.2	
FHP-CT28(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		UY	0.5	mg/kg	0.50	U
FHP-CT43(0-6.5)-20220817	8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-CT43(0-6.5)-20220817	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-CT43(0-6.5)-20220817	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-CT43(0-6.5)-20220817	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	U
FHP-CT43(0-6.5)-20220817	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-CT43(0-6.5)-20220817	SW6020A	7440-39-3	Barium, TCLP	0.15		0.05	mg/L	0.15	
FHP-CT43(0-6.5)-20220817	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT43(0-6.5)-20220817	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-CT43(0-6.5)-20220817	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-CT43(0-6.5)-20220817	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-CT43(0-6.5)-20220817	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-CT43(0-6.5)-20220817	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-CT43(0-6.5)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-CT43(0-6.5)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-CT43(0-6.5)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-CT43(0-6.5)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-CT43(0-6.5)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-CT43(0-6.5)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U

FORMER HAWORTH PROPERTY SITE - ON OIL/SOLIDS ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39420

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-CT43(0-6.5)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT

Site Name	Former Haworth Property		**TO/TOLIN No.**	103X903101070001CI110
Document Tracking No.	1406b			
Data Reviewer (signature and date)	9/9/2022		**Technical Reviewer (signature and date)**	14 September 2022
Laboratory Report No.	S39421		**Laboratory**	Merit Laboratories, Inc., East Lansing, MI
Analyses	Toxic Characteristic Leachate Procedure (TCLP) extraction [EPA 1311] followed by Resource Conservation and Recovery Act (RCRA) Metals [EPA 6020A and 7471B]; Volatile Organic Compounds (VOCs) [EPA 8060C]; and Semivolatile Organic Compounds (SVOCs) [EPA 8070D]. Also, Polychlorinated biphenyls (PCBs) [EPA 8082A]; Total Cyanide by EPA E335.4; Sulfide by Standard Method (SM) 4500-S2 D; Phenols by EPA 9066; paint filter test by EPA 9095B; pH and Corrosivity by EPA 9045D; Flashpoint for solids by EPA 1030			
Samples and Matrix	Twenty-five soil and waste samples, including two field duplicates			
Collection Date(s)	August 17-18, 2022			
Field Duplicate Pairs	FHP-SS-DUP04 / FHP-SS39(0-12)-20220818 FHP-SS-DUP05 / FHP-SS39(12-24)-20220818			
Field QC Blanks	None			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 3* (January 2022), the Tetra Tech *Site-Specific Quality Assurance Project Plan Addendum, Revision 1* (July 2022), the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020), and the EPA *NFGs for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The chain-of-custody (COC) form states that the deliverable required is a Level IV. However, this Targeted Brownfield Assessment (TBA) site is under the state program, which only requires a Level II data package (which was provided). The analytical report and electronic data deliverable (EDD) only provide reporting limit (RL) values and not method detection limit (MDL) values. The General Report Notes state that non-detect results indicate the analyte was not found at or above the RL. No qualifications were applied for these circumstances. No custody seals were present on the cooler as it was delivered in person by the sampler/s to the laboratory. Per the site-specific QAPP, a trip blank is to be submitted with TCLP VOCs analyses, however, no trip blank results are included in this report. The data user should be aware that samples were not evaluated for potential contamination from sample transportation and field handling procedures.

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
N	**PCBs**: Surrogate compound Tetrachloro-m-xylene (TCX) was below acceptance criteria for samples FHP-SS40(0-12)-20220818, FHP-SS40(1224)-20220818, FHP-SS39(0-12)-20220818, and FHP-SS-DUP04. However, samples were diluted greater than 10-fold and no qualifications were necessary.

MS/MSDs:

Within Criteria	Exceedance/Notes
N	**PCBs (FHP-SS40(36-48)-20220818):** PCB-1016/1260 relative percent difference (RPD) was above acceptance criteria for the matrix spike duplicate (MSD). However, the average recovery between the MS/MSD is within criteria and no qualifications were necessary.

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	

Field duplicates:

Within Criteria	Exceedance/Notes
N	**PCBs:** The relative percent difference (RPD) was outside criteria (>70%) for Aroclor 1254 for field duplicate pair FHP-SS-DUP04 / FHP-SS39(0-12)-20220818. Therefore, the Aroclor 1254 result for both samples was qualified as estimated (flagged J/UJ).

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	**TCLP Metals**: FHP-SSWASTE-20220818 was analyzed at a 25-fold dilution. **TCLP Mercury**: FHP-SSWASTE-20220818 was analyzed at a 2-fold dilution. **TCLP VOCs**: FHP-SSWASTE-20220818 was analyzed at a 100-fold dilution. **TCLP SVOCs**: FHP-SSWASTE-20220818 was analyzed at a 10-fold dilution. **PCBs**: sample dilutions ranged at 1, 10, 20, 50, 100, 500-fold dilution. **Total Cyanide**: FHP-SSWASTE-20220818 was analyzed at a 40-fold dilution **Sulfide**: FHP-SSWASTE-20220818 was analyzed at a 40-fold dilution **Phenols**: FHP-SSWASTE-20220818 was analyzed at a 20-fold dilution

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
N	PCBs results have RLs due to sample composition. No qualifications were deemed necessary. MDLs were not provided in the laboratory report, nor in the EDD. Non-detect results were reported at the value of the RL. Only RLs are provided in the attached analytical data table.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [NA]:

Within Criteria	Exceedance/Notes
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

FORMER HAWORTH PROPERTY SITE - ON SOIL ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39421

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS38(36-48)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS38(36-48)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS38(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS40(36-48)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS40(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS40(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		UY	3	mg/kg	3.0	U
FHP-SS40(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		UY	3	mg/kg	3.0	U
FHP-SS40(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-SS40(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-SS40(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-SS40(0-12)-20220818	SW8082A	11097-69-1	PCB-1254	13	Y	3	mg/kg	13	
FHP-SS40(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-SS40(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		UY	0.5	mg/kg	0.50	U
FHP-SS40(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		UY	0.5	mg/kg	0.50	U
FHP-SS40(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		UY	0.5	mg/kg	0.50	U
FHP-SS40(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		UY	0.5	mg/kg	0.50	U
FHP-SS40(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		UY	0.5	mg/kg	0.50	U
FHP-SS40(12-24)-20220818	SW8082A	11097-69-1	PCB-1254	4.6	Y	0.5	mg/kg	4.6	
FHP-SS40(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		UY	0.5	mg/kg	0.50	U
FHP-SS39(0-12)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS39(0-12)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS39(0-12)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS39(0-12)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS39(0-12)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS39(0-12)-20220818	SW8082A	11097-69-1	PCB-1254	1.3		0.33	mg/kg	1.3	J
FHP-SS39(0-12)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS39(12-24)-20220818	SW8082A	11097-69-1	PCB-1254	0.5		0.33	mg/kg	0.50	J
FHP-SS39(12-24)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS39(24-36)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS39(36-48)-20220818	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS-DUP04	SW8082A	12674-11-2	PCB-1016		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	53469-21-9	PCB-1242		UY	3	mg/kg	3.0	U

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SS-DUP04	SW8082A	11104-28-2	PCB-1221		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	11141-16-5	PCB-1232		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	12672-29-6	PCB-1248		UY	3	mg/kg	3.0	U
FHP-SS-DUP04	SW8082A	11097-69-1	PCB-1254	8	Y	3	mg/kg	8.0	J
FHP-SS-DUP04	SW8082A	11096-82-5	PCB-1260		UY	3	mg/kg	3.0	U
FHP-SS-DUP05	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS-DUP05	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	UJ
FHP-SS-DUP05	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS36(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(0-12)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(12-24)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(24-36)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	12674-11-2	PCB-1016		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	53469-21-9	PCB-1242		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11104-28-2	PCB-1221		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11141-16-5	PCB-1232		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	12672-29-6	PCB-1248		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11097-69-1	PCB-1254		U	0.33	mg/kg	0.33	U
FHP-SS35(36-48)-20220817	SW8082A	11096-82-5	PCB-1260		U	0.33	mg/kg	0.33	U
FHP-SSWASTE-20220818	SW5030C/8260C	71-43-2	Benzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	56-23-5	Carbon tetrachloride		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	108-90-7	Chlorobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	67-66-3	Chloroform		U	0.1	mg/L	0.10	U

FORMER HAWORTH PROPERTY SITE - ON SOIL ANALYTICAL RESULTS SUMMARY
MERIT LABORATORIES REPORT NO. S39421

Sample ID	Method	CAS No.	Analyte	Lab Result	Lab Qual	RL	Units	Val Result	Val Qual
FHP-SSWASTE-20220818	SW5030C/8260C	106-46-7	1,4-Dichlorobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	107-06-2	1,2-Dichloroethane		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	75-35-4	1,1-Dichloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	78-93-3	2-Butanone (MEK)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW5030C/8260C	127-18-4	Tetrachloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	79-01-6	Trichloroethene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW5030C/8260C	75-01-4	Vinyl chloride		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	95-48-7	2-Methylphenol (o-Cresol)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	84989-04-08	3-, 4-Methylphenol (p,m-Cresol)		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	87-86-5	Pentachlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	95-95-4	2,4,5-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	88-06-2	2,4,6-Trichlorophenol		U	1	mg/L	1.0	U
FHP-SSWASTE-20220818	SW8270D	121-14-2	2,4-Dinitrotoluene		U	0.09	mg/L	0.090	U
FHP-SSWASTE-20220818	SW8270D	118-74-1	Hexachlorobenzene		U	0.09	mg/L	0.090	U
FHP-SSWASTE-20220818	SW8270D	87-68-3	Hexachlorobutadiene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	67-72-1	Hexachloroethane		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	98-95-3	Nitrobenzene		U	0.1	mg/L	0.10	U
FHP-SSWASTE-20220818	SW8270D	110-86-1	Pyridine		U	0.1	mg/L	0.10	UJ
FHP-SSWASTE-20220818	SW6020A	7440-38-2	Arsenic, TCLP		U	0.02	mg/L	0.020	U
FHP-SSWASTE-20220818	SW6020A	7440-39-3	Barium, TCLP	0.33		0.05	mg/L	0.33	
FHP-SSWASTE-20220818	SW6020A	7440-43-9	Cadmium, TCLP		U	0.005	mg/L	0.0050	U
FHP-SSWASTE-20220818	SW6020A	7440-47-3	Chromium, TCLP		U	0.05	mg/L	0.050	U
FHP-SSWASTE-20220818	SW6020A	7439-92-1	Lead, TCLP		U	0.03	mg/L	0.030	U
FHP-SSWASTE-20220818	SW7471B	7439-97-6	Mercury, TCLP		U	0.0005	mg/L	0.00050	U
FHP-SSWASTE-20220818	SW6020A	7782-49-2	Selenium, TCLP		U	0.05	mg/L	0.050	U
FHP-SSWASTE-20220818	SW6020A	7440-22-4	Silver, TCLP		U	0.005	mg/L	0.0050	U
FHP-SSWASTE-20220818	E335.4/SM4500-CN	57-12-5	Cyanide, Total		U	0.08	mg/kg	0.080	U
FHP-SSWASTE-20220818	SM4500-S2 D	18496-25-8	Sulfide		U	0.8	mg/kg	0.80	U
FHP-SSWASTE-20220818	SW9066	PHENOLS	Phenols	0.45		0.2	mg/kg	0.45	
FHP-SSWASTE-20220818	SW9095B	PF	Paint Filter Test	Pass	*			Pass	
FHP-SSWASTE-20220818	SW9045D	PH	pH/ Corrosivity	11.07		0.01	STD Units	11.07	
FHP-SSWASTE-20220818	SW1030	IGNITCC	Flashpoint for Solids		U	2.2	mm/sec	2.2	U

APPENDIX E
FIELD LOGBOOK NOTES

Former Haworth Property

Rite in the Rain®
ALL-WEATHER
FIELD
№ 351FX

0107_ 0001C1110

8/16/22

1500: START Thomas onsite to mark sample locations.

1515: Weather 75°F, mostly sunny, wind NW 15 mph.

1530: Marked West Room location. Debris pile with demo debris covered the proposed location. Marked location in the soil contaminated area to the southeast of the proposed location.

1630: Marked East Room locations. Debris pile covered some proposed locations in the northern portion so START moved locations as close as proposed.

1730 START Thomas offsite

8/7/22

0715: START Thomas onsite. Weather 65°F Sunny, winds 10mph E.

0730 START Grossman on site. Reviewed utility marking locations and moved 1 sample location due to utility marking.

0800: Geoprobe and concrete core operator onsite. Conducted tbs briefing Slips / trips / falls. Operators set up to begin collecting samples

Concrete samples

CT location	Depth	Time
43	0-6.5	851
01	0-4	0910
10	0-12	1010
↓	12-24	1015
		1020
	24-36	1025
02	0-12	1025
~~09~~ 02	12-16	1030
09	0-7.5	1025
08	0-12	1035
03	0-12	1045
07	0-12	1055
04	0-11.5	1105

8/17/22 cont.

Sampling concrete cores continued

CT Location	Depth	Time
05	0-12	1115
06	0-12	1125
14	0-11	1205
13	0-12	1220
12	0-9	1245
27	0-12	1310
11	0-12	1325
15	0-8	1345
17	0-12	1355
17	12-24	1455
17*	24-32	1500
20	0-12	1505
20	12-24	1515
20	24-36	1525
28	0-12	1545

* Refusal at CT 17, very dark staining after 12 inches, not PID reading.

8/17/22 cont.

Soil sample locations

SS location	Depth	PID	Description
44	0-12	0	Sand - Brown - fill sand - moist
29	0-12	0	Sand - Brown - fill sand dry
	12-24	10	
	24-36	10	
	36-48	0	
30	0-12	10	↓
	12-24	10	
	24-36	10	
	36-48	10	
31	0-12	0	Sand to gravel brown, dry
	12-24	10	
	24-36	0	
	36-48	0	
32	0-12	10	Brown sand dry
	12-24	20	
CR	~~24-36~~	~~0~~	Void space below concrete no soil beneath 24 inches.
CR	~~36-48~~	~~0~~	
33	0-12	0	Sand to gravel brown dry
	12-24	0	
	24-36	0	
	36-48	0	

Rite in the Rain

8/17/22 continued

SS location	Depth	PID	Description
34	0-12	0	Sand to gravel dry
	12-24	10	
	24-36	10	
	36-48	10	
41	0-48	0	
34	0-12		
	Dup 01		
	12-24		
	Dup02		

1700: START and drillers off site

8/18/22

0730 START Thomas to Grossman on site
Weather: 70°F, Sunny, wind 8mph NE
Calibrated PID VOCs = 99.9 ✓
0800: Geoprobe to core drillers onsite.
H2S meeting. Slips/trips/falls, hand protection, Stay hydrated.
Note: 2 additions soil samples collected on 8/17/22 described below

SS location	Depth	PID	Description
SS 36	0-12	0	Sand to gravel, Dry
	12-24	0	
	24-36	10	
	36-48	0	
35	0-12	10	Brown sand with gravel
	12-24	10	
	24-36	0	
	36-48	0	

Concrete cover cored all remaining soil boring locations first so geoprobe could get through concrete ~~[illegible]~~ at soil sampling locations

8/18/22 continued

CT	location	Depth	Time
18		0-45	1030
19		0-12	1045
19		12-19	1055
16		0-12	1105
22		0-12	1115
23		0-55	1145
21		0-12	1155
21		12-24	1205
21		24-36	1250
25		0-12	1350
24		0-12	130
24		12-24	1305
24		24-36	1310
26		0-12	1315
26		12-24	1320
26		24-36	1325
173		0-9	1335

Heavy stains at CT 24

Soil Sample location

SS location	Depth	PID	Description
42	0-48	10	Sand to gravel brown Dry
38	0-12	0	Sand to gravel
	12-24	0	refusal at 24 inches. Area to be void space again
37	0-12	0	Brown
	12-24	0	Dry sand
	24-36	0	
	36-48	0	
40 ~~38~~	0-12	10	Brown sand
	12-24	10	to gravel
	24-36	0	dry
	36-48	0	
39	0-12	10	Brown sand
	12-24	0	to gravel,
	24-36	0	dry
	36-48	0	
DUP 03	42	0-48	
DUP 04	39	0-12	
DUP 05	39	12-24	
DUP 06	38	0-12	
DUP 07	38	12-24	

1430: collected waste characterization samples from 2 buckets w/ IDW waste. Stored buckets under tarp with demolition debris.

1500: START to drillers offsite. START packaged coolers to ~~deliver~~ hand delivered to Merit Labs.

ATTACHMENT 1
LABORATORY ANALYTICAL REPORTS

Analytical Laboratory Report

Report ID: S39420.01(01)
Generated on 08/30/2022

Report to

Attention: Kelly Thomas
Tetra Tech
25213 Dequindre Road
Madison Heights, MI 48071

Phone: 313-574-3176 FAX:
Email: kelly.thomas@tetratech.com

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Laverty (johnlaverty@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S39420.01-S39420.85
Project: Former Hayworth Property 1103X90310107000CI110
Collected Date(s): 08/17/2022 - 08/18/2022
Submitted Date/Time: 08/19/2022 08:15
Sampled by: KY / TG
P.O. #: 1187377

Table of Contents

Maya Murshak
Technical Director

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.
40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.
QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.
Full accreditation certificates are available upon request. Starred (*) analytes are not NELAP accredited.
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.
Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)
PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."
Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.
Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Certifications

Authority	Certification ID
Michigan DEQ	#9956
DOD ELAP/ISO 17025	#69699
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Alaska CSLAP	#17-001
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched

Method Summary

Method	Version
E335.4/SM4500-CN	EPA Method 335.4 Revision 1.0 / Standard Method 4500-CN E 20th Edition
SM2540B	Standard Method 2540 B 2015
SM4500-S2 D	Standard Method 4450 S2 D 2011
SW1030	SW 846 Method 1030 Revision 0 December 1996
SW1311	SW 846 Method 1311 Revision 0 July 1992
SW3015A	SW 846 Method 3015A Revision 1 February 2007
SW3535A	SW 846 Method 3535A Revision 1 February 2007
SW3546	SW 846 Method 3546 Revision 0 February 2007
SW5030C/8260C	SW 846 Method 8260C Revision 3 August 2006 / 5030C Revision 3 May 2003
SW6020A	SW 846 Method 6020A Revision 1 February 2007
SW7471B	SW 846 Method 7471B Revision 2 February 2007
SW8082A	SW 846 Method 8082A Revision 1 February 2007
SW8270D	SW 846 Method 8270D Revision 4 February 2007
SW9045D	SW 846 Method 9045D Revision 4 November 2004
SW9066	SW 846 Method 9066 Revision 0 September 1986

Sample Summary (85 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S39420.01	FHP-CT21(0-12)-20220818	Solid	08/18/22 11:45
S39420.02	FHP-CT21(12-24)-20220818	Solid	08/18/22 11:55
S39420.03	FHP-CT21(24-36)-20220818	Solid	08/18/22 12:05
S39420.04	FHP-CT18(0-9.5)-20220818	Solid	08/18/22 10:30
S39420.05	FHP-CT22(0-12)-20220818	Solid	08/18/22 11:15
S39420.06	FHP-CT23(0-5.5)-20220818	Solid	08/18/22 11:25
S39420.07	FHP-CT19(0-12)-20220818	Solid	08/18/22 10:45
S39420.08	FHP-CT19(12-19)-20220818	Solid	08/18/22 10:55
S39420.09	FHP-CT16(0-12)-20220818	Solid	08/18/22 11:05
S39420.10	FHP-CT25(0-12)-20220818	Solid	08/18/22 12:50
S39420.11	FHP-CT24(0-12)-20220818	Solid	08/18/22 13:00
S39420.12	FHP-CT24(12-24)-20220818	Solid	08/18/22 13:05
S39420.13	FHP-CT24(24-36)-20220818	Solid	08/18/22 13:10
S39420.14	FHP-CT26(0-12)-20220818	Solid	08/18/22 13:15
S39420.15	FHP-CT26(12-24)-20220818	Solid	08/18/22 13:20
S39420.16	FHP-CT26(24-36)-20220818	Solid	08/18/22 13:25
S39420.17	FHP-CT17(0-12)-20220817	Solid	08/17/22 13:55
S39420.18	FHP-CT17(12-24)-20220817	Solid	08/17/22 14:55
S39420.19	FHP-CT17(24-32)-20220817	Solid	08/17/22 15:00
S39420.20	FHP-CT17B(0-9)-20220818	Solid	08/18/22 13:35
S39420.21	FHP-CTWASTE-20220818	Solid	08/18/22 10:00
S39420.22	FHP-SS44(0-12)-20220817	Soil	08/17/22 09:13
S39420.23	FHP-SS41(0-48)-20220817	Soil	08/17/22 14:05
S39420.24	FHP-SS-DUP03	Soil	08/18/22 00:01
S39420.25	FHP-SS42(0-48)-20220818	Soil	08/18/22 10:05
S39420.26	FHP-SS38(0-12)-20220818	Soil	08/18/22 10:21
S39420.27	FHP-SS37(36-48)-20220818	Soil	08/18/22 10:35
S39420.28	FHP-SS37(36-48)-20220818 MS	Soil	08/18/22 10:35
S39420.29	FHP-SS37(36-48)-20220818 MSD	Soil	08/18/22 10:35
S39420.30	FHP-SS37(24-36)-20220818	Soil	08/18/22 10:34
S39420.31	FHP-SS37(24-36)-20220818 MS	Soil	08/18/22 10:34
S39420.32	FHP-SS37(24-36)-20220818 MSD	Soil	08/18/22 10:34
S39420.33	FHP-SS37(0-12)-20220818	Soil	08/18/22 10:32
S39420.34	FHP-SS37(12-24)-20220818	Soil	08/18/22 10:33
S39420.35	FHP-SS-DUP07	Soil	08/18/22 00:01
S39420.36	FHP-SS38(12-24)-20220818	Soil	08/18/22 10:22
S39420.37	FHP-SS-DUP06	Soil	08/18/22 00:01
S39420.38	FHP-SS31(0-12)-20220817	Soil	08/17/22 12:06
S39420.39	FHP-SS31(12-24)-20220817	Soil	08/17/22 12:07
S39420.40	FHP-SS31(24-36)-20220817	Soil	08/17/22 12:08
S39420.41	FHP-SS31(36-48)-20220817	Soil	08/17/22 12:09
S39420.42	FHP-SS32(0-12)-20220817	Soil	08/17/22 12:14
S39420.43	FHP-SS32(12-24)-20220817	Soil	08/17/22 12:15
S39420.44	FHP-SS33(0-12)-20220817	Soil	08/17/22 12:45
S39420.45	FHP-SS33(12-24)-20220817	Soil	08/17/22 12:46
S39420.46	FHP-SS33(24-36)-20220817	Soil	08/17/22 12:47
S39420.47	FHP-SS33(36-48)-20220817	Soil	08/17/22 12:48
S39420.48	FHP-SS30(0-12)-20220817	Soil	08/17/22 09:52
S39420.49	FHP-SS30(12-24)-20220817	Soil	08/17/22 09:53
S39420.50	FHP-SS30(24-36)-20220817	Soil	08/17/22 09:54
S39420.51	FHP-SS30(36-48)-20220817	Soil	08/17/22 09:55
S39420.52	FHP-SS-DUP02	Soil	08/17/22 00:01
S39420.53	FHP-SS-DUP01	Soil	08/17/22 00:01

Sample Summary (continued)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S39420.54	FHP-SS34(0-12)-20220817	Soil	08/17/22 13:10
S39420.55	FHP-SS34(12-24)-20220817	Soil	08/17/22 13:11
S39420.56	FHP-SS34(24-36)-20220817	Soil	08/17/22 13:12
S39420.57	FHP-SS34(36-48)-20220817	Soil	08/17/22 13:13
S39420.58	FHP-SS29(0-12)-20220817	Soil	08/17/22 09:32
S39420.59	FHP-SS29(12-24)-20220817	Soil	08/17/22 09:33
S39420.60	FHP-SS29(24-36)-20220817	Soil	08/17/22 09:34
S39420.61	FHP-SS29(36-48)-20220817	Soil	08/17/22 09:35
S39420.62	FHP-CT01(0-4)-20220817	Solid	08/17/22 09:10
S39420.63	FHP-CT02(0-12)-20220817	Solid	08/17/22 10:25
S39420.64	FHP-CT02(12-16)-20220817	Solid	08/17/22 10:30
S39420.65	FHP-CT03(0-12)-20220817	Solid	08/17/22 10:45
S39420.66	FHP-CT04(0-11.5)-20220817	Solid	08/17/22 11:05
S39420.67	FHP-CT05(0-12)-20220817	Solid	08/17/22 11:15
S39420.68	FHP-CT06(0-12)-20220817	Solid	08/17/22 11:25
S39420.69	FHP-CT07(0-12)-20220817	Solid	08/17/22 10:55
S39420.70	FHP-CT08(0-12)-20220817	Solid	08/17/22 10:35
S39420.71	FHP-CT09(0-7.5)-20220817	Solid	08/17/22 10:25
S39420.72	FHP-CT11(0-12)-20220817	Solid	08/17/22 13:25
S39420.73	FHP-CT12(0-9)-20220817	Solid	08/17/22 12:45
S39420.74	FHP-CT10(0-12)-20220817	Solid	08/17/22 10:10
S39420.75	FHP-CT10(12-24)-20220817	Solid	08/17/22 10:15
S39420.76	FHP-CT10(24-36)-20220817	Solid	08/17/22 10:20
S39420.77	FHP-CT13(0-12)-20220817	Solid	08/17/22 12:20
S39420.78	FHP-CT14(0-11)-20220817	Solid	08/17/22 12:05
S39420.79	FHP-CT15(0-8)-20220817	Solid	08/17/22 13:45
S39420.80	FHP-CT20(0-12)-20220817	Solid	08/17/22 15:05
S39420.81	FHP-CT20(12-24)-20220817	Solid	08/17/22 15:15
S39420.82	FHP-CT20(24-36)-20220817	Solid	08/17/22 15:25
S39420.83	FHP-CT27(0-12)-20220817	Solid	08/17/22 13:10
S39420.84	FHP-CT28(0-12)-20220817	Solid	08/17/22 15:45
S39420.85	FHP-CT43(0-6.5)-20220817	Solid	08/17/22 08:51

Analytical Laboratory Report

Lab Sample ID: S39420.01
Sample Tag: FHP-CT21(0-12)-20220818
Collected Date/Time: 08/18/2022 11:45
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:51, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.02
Sample Tag: FHP-CT21(12-24)-20220818
Collected Date/Time: 08/18/2022 11:55
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 16:39, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.03
Sample Tag: FHP-CT21(24-36)-20220818
Collected Date/Time: 08/18/2022 12:05
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 16:51, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.04
Sample Tag: FHP-CT18(0-9.5)-20220818
Collected Date/Time: 08/18/2022 10:30
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:28, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	500		ug/kg	50	12674-11-2	Y	
PCB-1242	Not detected	500		ug/kg	50	53469-21-9	Y	
PCB-1221	Not detected	500		ug/kg	50	11104-28-2	Y	
PCB-1232	Not detected	500		ug/kg	50	11141-16-5	Y	
PCB-1248	Not detected	500		ug/kg	50	12672-29-6	Y	
PCB-1254	2,400	500		ug/kg	50	11097-69-1	Y	
PCB-1260	Not detected	500		ug/kg	50	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.05
Sample Tag: FHP-CT22(0-12)-20220818
Collected Date/Time: 08/18/2022 11:15
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 14:07, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	1,000		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	1,000		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	1,000		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	1,000		ug/kg	100	12672-29-6	Y	
PCB-1254	9,000	1,000		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	1,000		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.06
Sample Tag: FHP-CT23(0-5.5)-20220818
Collected Date/Time: 08/18/2022 11:25
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 17:03, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.07
Sample Tag: FHP-CT19(0-12)-20220818
Collected Date/Time: 08/18/2022 10:45
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 17:15, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.08
Sample Tag: FHP-CT19(12-19)-20220818
Collected Date/Time: 08/18/2022 10:55
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 14:23, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	500		ug/kg	50	12674-11-2	Y	
PCB-1242	Not detected	500		ug/kg	50	53469-21-9	Y	
PCB-1221	Not detected	500		ug/kg	50	11104-28-2	Y	
PCB-1232	Not detected	500		ug/kg	50	11141-16-5	Y	
PCB-1248	Not detected	500		ug/kg	50	12672-29-6	Y	
PCB-1254	3,500	500		ug/kg	50	11097-69-1	Y	
PCB-1260	Not detected	500		ug/kg	50	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.09
Sample Tag: FHP-CT16(0-12)-20220818
Collected Date/Time: 08/18/2022 11:05
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 14:54, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	5,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	500	12672-29-6	Y	
PCB-1254	23,000	5,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.10
Sample Tag: FHP-CT25(0-12)-20220818
Collected Date/Time: 08/18/2022 12:50
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:09, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	5,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	500	12672-29-6	Y	
PCB-1254	29,000	5,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.11
Sample Tag: FHP-CT24(0-12)-20220818
Collected Date/Time: 08/18/2022 13:00
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 17:27, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.12
Sample Tag: FHP-CT24(12-24)-20220818
Collected Date/Time: 08/18/2022 13:05
Matrix: Solid
COC Reference: 151965

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 17:39, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.13
Sample Tag: FHP-CT24(24-36)-20220818
Collected Date/Time: 08/18/2022 13:10
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 17:51, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.14
Sample Tag: FHP-CT26(0-12)-20220818
Collected Date/Time: 08/18/2022 13:15
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 18:03, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.15
Sample Tag: FHP-CT26(12-24)-20220818
Collected Date/Time: 08/18/2022 13:20
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 18:15, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.16
Sample Tag: FHP-CT26(24-36)-20220818
Collected Date/Time: 08/18/2022 13:25
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 18:26, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.17
Sample Tag: FHP-CT17(0-12)-20220817
Collected Date/Time: 08/17/2022 13:55
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 09:41, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	100,000		ug/kg	10000	12674-11-2	Y	
PCB-1242	Not detected	100,000		ug/kg	10000	53469-21-9	Y	
PCB-1221	Not detected	100,000		ug/kg	10000	11104-28-2	Y	
PCB-1232	Not detected	100,000		ug/kg	10000	11141-16-5	Y	
PCB-1248	Not detected	100,000		ug/kg	10000	12672-29-6	Y	
PCB-1254	405,000	100,000		ug/kg	10000	11097-69-1	Y	
PCB-1260	Not detected	100,000		ug/kg	10000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.18
Sample Tag: FHP-CT17(12-24)-20220817
Collected Date/Time: 08/17/2022 14:55
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 18:50, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	1,000		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	1,000		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	1,000		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	1,000		ug/kg	100	12672-29-6	Y	
PCB-1254	6,000	1,000		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	1,000		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.19
Sample Tag: FHP-CT17(24-32)-20220817
Collected Date/Time: 08/17/2022 15:00
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 11:26, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.20
Sample Tag: FHP-CT17B(0-9)-20220818
Collected Date/Time: 08/18/2022 13:35
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 11:40, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.21
Sample Tag: FHP-CTWASTE-20220818
Collected Date/Time: 08/18/2022 10:00
Matrix: Solid
COC Reference: 151966

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	9.71	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	2.24	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	7.09	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: E335.4/SM4500-CN, Run Date: 08/26/22 09:18, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Cyanide, Total*	Not detected	0.10		mg/kg	50	57-12-5		

Method: SM4500-S2 D, Run Date: 08/26/22 10:31, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Sulfide*	Not detected	1.0		mg/kg	48	18496-25-8		500.0

Method: SW1030, Run Date: 08/22/22 17:15, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Flashpoint for Solids	Not detected	2.2		mm/sec	1			

Method: SW9045D, Run Date: 08/25/22 13:49, Analyst: SSM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
pH/ Corrosivity	11.30	0.01		STD Units	1			2-12.5

Method: SW9066, Run Date: 08/29/22 15:46, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Phenols*	2.30	0.2		mg/kg	20			

Metals

Method: SW6020A, Run Date: 08/24/22 10:30, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.20	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0

Lab Sample ID: S39420.21 (continued)
Sample Tag: FHP-CTWASTE-20220818

Method: SW6020A, Run Date: 08/24/22 10:30, Analyst: CCM (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Chromium, TCLP	0.08	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:16, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 13:38, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 16:40, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Analytical Laboratory Report

Lab Sample ID: S39420.22
Sample Tag: FHP-SS44(0-12)-20220817
Collected Date/Time: 08/17/2022 09:13
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	9.40	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.73	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	5.12	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	92	1		%	1			

Metals

Method: SW6020A, Run Date: 08/24/22 10:31, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.34	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	0.005	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:30, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 09:53, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	50	12674-11-2		
PCB-1242	Not detected	330		ug/kg	50	53469-21-9		
PCB-1221	Not detected	330		ug/kg	50	11104-28-2		

Lab Sample ID: S39420.22 (continued)
Sample Tag: FHP-SS44(0-12)-20220817

PCB List, Method: SW8082A, Run Date: 08/23/22 09:53, Analyst: JANB (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1232	Not detected	330		ug/kg	50	11141-16-5		
PCB-1248	Not detected	330		ug/kg	50	12672-29-6		
PCB-1254	800	330		ug/kg	50	11097-69-1		
PCB-1260	Not detected	330		ug/kg	50	11096-82-5		

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 14:22, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 17:28, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Analytical Laboratory Report

Lab Sample ID: S39420.23
Sample Tag: FHP-SS41(0-48)-20220817
Collected Date/Time: 08/17/2022 14:05
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	9.85	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.95	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	5.59	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Metals

Method: SW6020A, Run Date: 08/24/22 10:32, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.09	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:33, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 10:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	1000	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	1000	53469-21-9	Y	

Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S39420.23 (continued)
Sample Tag: FHP-SS41(0-48)-20220817

PCB List, Method: SW8082A, Run Date: 08/23/22 10:05, Analyst: JANB (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1221	Not detected	5,000		ug/kg	1000	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	1000	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	1000	12672-29-6	Y	
PCB-1254	46,000	5,000		ug/kg	1000	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	1000	11096-82-5	Y	

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 14:44, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 17:53, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.24
Sample Tag: FHP-SS-DUP03
Collected Date/Time: 08/18/2022 00:01
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	8.66	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.59	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	4.98	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Metals

Method: SW6020A, Run Date: 08/24/22 10:33, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.28	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:36, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 10:17, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	15,000		ug/kg	3000	12674-11-2	Y	
PCB-1242	Not detected	15,000		ug/kg	3000	53469-21-9	Y	

Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S39420.24 (continued)
Sample Tag: FHP-SS-DUP03

PCB List, Method: SW8082A, Run Date: 08/23/22 10:17, Analyst: JANB (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1221	Not detected	15,000		ug/kg	3000	11104-28-2	Y	
PCB-1232	Not detected	15,000		ug/kg	3000	11141-16-5	Y	
PCB-1248	Not detected	15,000		ug/kg	3000	12672-29-6	Y	
PCB-1254	134,000	15,000		ug/kg	3000	11097-69-1	Y	
PCB-1260	Not detected	15,000		ug/kg	3000	11096-82-5	Y	

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 15:07, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 18:16, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.25
Sample Tag: FHP-SS42(0-48)-20220818
Collected Date/Time: 08/18/2022 10:05
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	8.52	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.57	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	4.97	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Metals

Method: SW6020A, Run Date: 08/24/22 10:33, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.24	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:40, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 10:31, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	15,000		ug/kg	3000	12674-11-2	Y	
PCB-1242	Not detected	15,000		ug/kg	3000	53469-21-9	Y	

Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S39420.25 (continued)
Sample Tag: FHP-SS42(0-48)-20220818

PCB List, Method: SW8082A, Run Date: 08/23/22 10:31, Analyst: JANB (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1221	Not detected	15,000		ug/kg	3000	11104-28-2	Y	
PCB-1232	Not detected	15,000		ug/kg	3000	11141-16-5	Y	
PCB-1248	Not detected	15,000		ug/kg	3000	12672-29-6	Y	
PCB-1254	63,000	15,000		ug/kg	3000	11097-69-1	Y	
PCB-1260	Not detected	15,000		ug/kg	3000	11096-82-5	Y	

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 15:29, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 18:40, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.26
Sample Tag: FHP-SS38(0-12)-20220818
Collected Date/Time: 08/18/2022 10:21
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	90	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 16:40, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.27
Sample Tag: FHP-SS37(36-48)-20220818
Collected Date/Time: 08/18/2022 10:35
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 13:50, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.28
Sample Tag: FHP-SS37(36-48)-20220818 MS
Collected Date/Time: 08/18/2022 10:35
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 14:29, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	25	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	27	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.29
Sample Tag: FHP-SS37(36-48)-20220818 MSD
Collected Date/Time: 08/18/2022 10:35
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/20/22 21:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 14:42, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	24	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	25	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.30
Sample Tag: FHP-SS37(24-36)-20220818
Collected Date/Time: 08/18/2022 10:34
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:00, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.31
Sample Tag: FHP-SS37(24-36)-20220818 MS
Collected Date/Time: 08/18/2022 10:34
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:37, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	23	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	27	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.32
Sample Tag: FHP-SS37(24-36)-20220818 MSD
Collected Date/Time: 08/18/2022 10:34
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/22/22 15:53, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	22	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	25	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.33
Sample Tag: FHP-SS37(0-12)-20220818
Collected Date/Time: 08/18/2022 10:32
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	89	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 19:02, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.34
Sample Tag: FHP-SS37(12-24)-20220818
Collected Date/Time: 08/18/2022 10:33
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	92	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 19:14, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.35
Sample Tag: FHP-SS-DUP07
Collected Date/Time: 08/18/2022 00:01
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 19:26, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.36
Sample Tag: FHP-SS38(12-24)-20220818
Collected Date/Time: 08/18/2022 10:22
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 19:38, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.37
Sample Tag: FHP-SS-DUP06
Collected Date/Time: 08/18/2022 00:01
Matrix: Soil
COC Reference: 151960

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	88	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 19:50, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.38
Sample Tag: FHP-SS31(0-12)-20220817
Collected Date/Time: 08/17/2022 12:06
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 20:01, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.39
Sample Tag: FHP-SS31(12-24)-20220817
Collected Date/Time: 08/17/2022 12:07
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 20:13, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.40
Sample Tag: FHP-SS31(24-36)-20220817
Collected Date/Time: 08/17/2022 12:08
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	92	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 20:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.41
Sample Tag: FHP-SS31(36-48)-20220817
Collected Date/Time: 08/17/2022 12:09
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:10, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 20:37, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.42
Sample Tag: FHP-SS32(0-12)-20220817
Collected Date/Time: 08/17/2022 12:14
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	81	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 10:55, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	600		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	600		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	600		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	600		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	600		ug/kg	100	12672-29-6	Y	
PCB-1254	4,500	600		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	600		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.43
Sample Tag: FHP-SS32(12-24)-20220817
Collected Date/Time: 08/17/2022 12:15
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	79	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 20:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	500	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.44
Sample Tag: FHP-SS33(0-12)-20220817
Collected Date/Time: 08/17/2022 12:45
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 21:01, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.45
Sample Tag: FHP-SS33(12-24)-20220817
Collected Date/Time: 08/17/2022 12:46
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 11:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 21:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.46
Sample Tag: FHP-SS33(24-36)-20220817
Collected Date/Time: 08/17/2022 12:47
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:19, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.47
Sample Tag: FHP-SS33(36-48)-20220817
Collected Date/Time: 08/17/2022 12:48
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	94	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:33, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.48
Sample Tag: FHP-SS30(0-12)-20220817
Collected Date/Time: 08/17/2022 09:52
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:45, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.49
Sample Tag: FHP-SS30(12-24)-20220817
Collected Date/Time: 08/17/2022 09:53
Matrix: Soil
COC Reference: 151962

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:57, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.50
Sample Tag: FHP-SS30(24-36)-20220817
Collected Date/Time: 08/17/2022 09:54
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 12:10, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.51
Sample Tag: FHP-SS30(36-48)-20220817
Collected Date/Time: 08/17/2022 09:55
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	97	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 12:54, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.52
Sample Tag: FHP-SS-DUP02
Collected Date/Time: 08/17/2022 00:01
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	90	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 13:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.53
Sample Tag: FHP-SS-DUP01
Collected Date/Time: 08/17/2022 00:01
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	97	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 13:17, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.54
Sample Tag: FHP-SS34(0-12)-20220817
Collected Date/Time: 08/17/2022 13:10
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	97	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 13:29, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.55
Sample Tag: FHP-SS34(12-24)-20220817
Collected Date/Time: 08/17/2022 13:11
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	89	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 13:41, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.56
Sample Tag: FHP-SS34(24-36)-20220817
Collected Date/Time: 08/17/2022 13:12
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	94	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 13:53, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.57
Sample Tag: FHP-SS34(36-48)-20220817
Collected Date/Time: 08/17/2022 13:13
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 14:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.58
Sample Tag: FHP-SS29(0-12)-20220817
Collected Date/Time: 08/17/2022 09:32
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 14:17, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	330	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.59
Sample Tag: FHP-SS29(12-24)-20220817
Collected Date/Time: 08/17/2022 09:33
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 14:29, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.60
Sample Tag: FHP-SS29(24-36)-20220817
Collected Date/Time: 08/17/2022 09:34
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 14:41, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.61
Sample Tag: FHP-SS29(36-48)-20220817
Collected Date/Time: 08/17/2022 09:35
Matrix: Soil
COC Reference: 151963

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 16:11, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 14:53, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.62
Sample Tag: FHP-CT01(0-4)-20220817
Collected Date/Time: 08/17/2022 09:10
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 15:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	30	12674-11-2		
PCB-1242	Not detected	330		ug/kg	30	53469-21-9		
PCB-1221	Not detected	330		ug/kg	30	11104-28-2		
PCB-1232	Not detected	330		ug/kg	30	11141-16-5		
PCB-1248	Not detected	330		ug/kg	30	12672-29-6		
PCB-1254	1,700	330		ug/kg	30	11097-69-1		
PCB-1260	Not detected	330		ug/kg	30	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.63
Sample Tag: FHP-CT02(0-12)-20220817
Collected Date/Time: 08/17/2022 10:25
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 15:28, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	3,000		ug/kg	300	12674-11-2	Y	
PCB-1242	Not detected	3,000		ug/kg	300	53469-21-9	Y	
PCB-1221	Not detected	3,000		ug/kg	300	11104-28-2	Y	
PCB-1232	Not detected	3,000		ug/kg	300	11141-16-5	Y	
PCB-1248	Not detected	3,000		ug/kg	300	12672-29-6	Y	
PCB-1254	26,000	3,000		ug/kg	300	11097-69-1	Y	
PCB-1260	Not detected	3,000		ug/kg	300	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.64
Sample Tag: FHP-CT02(12-16)-20220817
Collected Date/Time: 08/17/2022 10:30
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 16:34, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.65
Sample Tag: FHP-CT03(0-12)-20220817
Collected Date/Time: 08/17/2022 10:45
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 17:07, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	5,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	500	12672-29-6	Y	
PCB-1254	28,000	5,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.66
Sample Tag: FHP-CT04(0-11.5)-20220817
Collected Date/Time: 08/17/2022 11:05
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/29/22 11:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	20,000		ug/kg	2000	12674-11-2	Y	
PCB-1242	Not detected	20,000		ug/kg	2000	53469-21-9	Y	
PCB-1221	Not detected	20,000		ug/kg	2000	11104-28-2	Y	
PCB-1232	Not detected	20,000		ug/kg	2000	11141-16-5	Y	
PCB-1248	Not detected	20,000		ug/kg	2000	12672-29-6	Y	
PCB-1254	94,000	20,000		ug/kg	2000	11097-69-1	Y	
PCB-1260	Not detected	20,000		ug/kg	2000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.67
Sample Tag: FHP-CT05(0-12)-20220817
Collected Date/Time: 08/17/2022 11:15
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/29/22 11:43, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	20,000		ug/kg	2000	12674-11-2	Y	
PCB-1242	Not detected	20,000		ug/kg	2000	53469-21-9	Y	
PCB-1221	Not detected	20,000		ug/kg	2000	11104-28-2	Y	
PCB-1232	Not detected	20,000		ug/kg	2000	11141-16-5	Y	
PCB-1248	Not detected	20,000		ug/kg	2000	12672-29-6	Y	
PCB-1254	126,000	20,000		ug/kg	2000	11097-69-1	Y	
PCB-1260	Not detected	20,000		ug/kg	2000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.68
Sample Tag: FHP-CT06(0-12)-20220817
Collected Date/Time: 08/17/2022 11:25
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 14:52, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	1,000		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	1,000		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	1,000		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	1,000		ug/kg	100	12672-29-6	Y	
PCB-1254	6,000	1,000		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	1,000		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.69
Sample Tag: FHP-CT07(0-12)-20220817
Collected Date/Time: 08/17/2022 10:55
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 15:21, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	6,000		ug/kg	600	12674-11-2	Y	
PCB-1242	Not detected	6,000		ug/kg	600	53469-21-9	Y	
PCB-1221	Not detected	6,000		ug/kg	600	11104-28-2	Y	
PCB-1232	Not detected	6,000		ug/kg	600	11141-16-5	Y	
PCB-1248	Not detected	6,000		ug/kg	600	12672-29-6	Y	
PCB-1254	39,000	6,000		ug/kg	600	11097-69-1	Y	
PCB-1260	Not detected	6,000		ug/kg	600	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.70
Sample Tag: FHP-CT08(0-12)-20220817
Collected Date/Time: 08/17/2022 10:35
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 17:43, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	2,000		ug/kg	200	12674-11-2	Y	
PCB-1242	Not detected	2,000		ug/kg	200	53469-21-9	Y	
PCB-1221	Not detected	2,000		ug/kg	200	11104-28-2	Y	
PCB-1232	Not detected	2,000		ug/kg	200	11141-16-5	Y	
PCB-1248	Not detected	2,000		ug/kg	200	12672-29-6	Y	
PCB-1254	13,000	2,000		ug/kg	200	11097-69-1	Y	
PCB-1260	Not detected	2,000		ug/kg	200	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.71
Sample Tag: FHP-CT09(0-7.5)-20220817
Collected Date/Time: 08/17/2022 10:25
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/29/22 11:55, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	30,000		ug/kg	3000	12674-11-2	Y	
PCB-1242	Not detected	30,000		ug/kg	3000	53469-21-9	Y	
PCB-1221	Not detected	30,000		ug/kg	3000	11104-28-2	Y	
PCB-1232	Not detected	30,000		ug/kg	3000	11141-16-5	Y	
PCB-1248	Not detected	30,000		ug/kg	3000	12672-29-6	Y	
PCB-1254	262,000	30,000		ug/kg	3000	11097-69-1	Y	
PCB-1260	Not detected	30,000		ug/kg	3000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.72
Sample Tag: FHP-CT11(0-12)-20220817
Collected Date/Time: 08/17/2022 13:25
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 18:07, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	3,000		ug/kg	300	12674-11-2	Y	
PCB-1242	Not detected	3,000		ug/kg	300	53469-21-9	Y	
PCB-1221	Not detected	3,000		ug/kg	300	11104-28-2	Y	
PCB-1232	Not detected	3,000		ug/kg	300	11141-16-5	Y	
PCB-1248	Not detected	3,000		ug/kg	300	12672-29-6	Y	
PCB-1254	13,000	3,000		ug/kg	300	11097-69-1	Y	
PCB-1260	Not detected	3,000		ug/kg	300	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.73
Sample Tag: FHP-CT12(0-9)-20220817
Collected Date/Time: 08/17/2022 12:45
Matrix: Solid
COC Reference: 151958

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 18:43, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	5,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	500	12672-29-6	Y	
PCB-1254	34,000	5,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.74
Sample Tag: FHP-CT10(0-12)-20220817
Collected Date/Time: 08/17/2022 10:10
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 18:19, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	700	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.75
Sample Tag: FHP-CT10(12-24)-20220817
Collected Date/Time: 08/17/2022 10:15
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 18:55, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	1,000		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	1,000		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	1,000		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	1,000		ug/kg	100	12672-29-6	Y	
PCB-1254	7,000	1,000		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	1,000		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.76
Sample Tag: FHP-CT10(24-36)-20220817
Collected Date/Time: 08/17/2022 10:20
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 19:07, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	3,000		ug/kg	1	12674-11-2	Y	
PCB-1242	Not detected	3,000		ug/kg	1	53469-21-9	Y	
PCB-1221	Not detected	3,000		ug/kg	1	11104-28-2	Y	
PCB-1232	Not detected	3,000		ug/kg	1	11141-16-5	Y	
PCB-1248	Not detected	3,000		ug/kg	1	12672-29-6	Y	
PCB-1254	20,000	3,000		ug/kg	1	11097-69-1	Y	
PCB-1260	Not detected	3,000		ug/kg	1	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.77
Sample Tag: FHP-CT13(0-12)-20220817
Collected Date/Time: 08/17/2022 12:20
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 19:19, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	30	12674-11-2		
PCB-1242	Not detected	330		ug/kg	30	53469-21-9		
PCB-1221	Not detected	330		ug/kg	30	11104-28-2		
PCB-1232	Not detected	330		ug/kg	30	11141-16-5		
PCB-1248	Not detected	330		ug/kg	30	12672-29-6		
PCB-1254	1,900	330		ug/kg	30	11097-69-1		
PCB-1260	Not detected	330		ug/kg	30	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.78
Sample Tag: FHP-CT14(0-11)-20220817
Collected Date/Time: 08/17/2022 12:05
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 19:31, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	5,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	5,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	5,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	5,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	5,000		ug/kg	500	12672-29-6	Y	
PCB-1254	50,000	5,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	5,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.79
Sample Tag: FHP-CT15(0-8)-20220817
Collected Date/Time: 08/17/2022 13:45
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 18:31, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39420.80
Sample Tag: FHP-CT20(0-12)-20220817
Collected Date/Time: 08/17/2022 15:05
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 16:12, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000,000		ug/kg	100000	12674-11-2	Y	
PCB-1242	Not detected	1,000,000		ug/kg	100000	53469-21-9	Y	
PCB-1221	Not detected	1,000,000		ug/kg	100000	11104-28-2	Y	
PCB-1232	Not detected	1,000,000		ug/kg	100000	11141-16-5	Y	
PCB-1248	Not detected	1,000,000		ug/kg	100000	12672-29-6	Y	
PCB-1254	8,920,000	1,000,000		ug/kg	100000	11097-69-1	Y	
PCB-1260	Not detected	1,000,000		ug/kg	100000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.81
Sample Tag: FHP-CT20(12-24)-20220817
Collected Date/Time: 08/17/2022 15:15
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 16:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000,000		ug/kg	100000	12674-11-2	Y	
PCB-1242	Not detected	1,000,000		ug/kg	100000	53469-21-9	Y	
PCB-1221	Not detected	1,000,000		ug/kg	100000	11104-28-2	Y	
PCB-1232	Not detected	1,000,000		ug/kg	100000	11141-16-5	Y	
PCB-1248	Not detected	1,000,000		ug/kg	100000	12672-29-6	Y	
PCB-1254	3,660,000	1,000,000		ug/kg	100000	11097-69-1	Y	
PCB-1260	Not detected	1,000,000		ug/kg	100000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.82
Sample Tag: FHP-CT20(24-36)-20220817
Collected Date/Time: 08/17/2022 15:25
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	30,000		ug/kg	3000	12674-11-2	Y	
PCB-1242	Not detected	30,000		ug/kg	3000	53469-21-9	Y	
PCB-1221	Not detected	30,000		ug/kg	3000	11104-28-2	Y	
PCB-1232	Not detected	30,000		ug/kg	3000	11141-16-5	Y	
PCB-1248	Not detected	30,000		ug/kg	3000	12672-29-6	Y	
PCB-1254	253,000	30,000		ug/kg	3000	11097-69-1	Y	
PCB-1260	Not detected	30,000		ug/kg	3000	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39420.83
Sample Tag: FHP-CT27(0-12)-20220817
Collected Date/Time: 08/17/2022 13:10
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	11.31	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	2.36	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	11.93	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Metals

Method: SW6020A, Run Date: 08/24/22 10:34, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.38	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	0.08	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:44, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 01:00, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	1,000		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	1,000		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	1,000		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	1,000		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	1,000		ug/kg	100	12672-29-6	Y	
PCB-1254	2,500	1,000		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	1,000		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S39420.83 (continued)
Sample Tag: FHP-CT27(0-12)-20220817

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 15:52, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 19:05, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Analytical Laboratory Report

Lab Sample ID: S39420.84
Sample Tag: FHP-CT28(0-12)-20220817
Collected Date/Time: 08/17/2022 15:45
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/24/22 19:30	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	11.53	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.92	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	10.63	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Metals

Method: SW6020A, Run Date: 08/24/22 10:35, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.14	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	0.07	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:47, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 14:14, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	500		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	500		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	500		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	500		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	500		ug/kg	100	12672-29-6	Y	
PCB-1254	3,200	500		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	500		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S39420.84 (continued)
Sample Tag: FHP-CT28(0-12)-20220817

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 16:14, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/25/22 15:57, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Analytical Laboratory Report

Lab Sample ID: S39420.85
Sample Tag: FHP-CT43(0-6.5)-20220817
Collected Date/Time: 08/17/2022 08:51
Matrix: Solid
COC Reference: 151959

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Plastic Bag	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/24/22 19:30	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	11.36	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	2.18	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	10.64	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Metals

Method: SW6020A, Run Date: 08/24/22 10:42, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.15	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:50, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 21:37, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Lab Sample ID: S39420.85 (continued)
Sample Tag: FHP-CT43(0-6.5)-20220817

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 16:36, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/25/22 16:20, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

Merit Laboratories Login Checklist

Lab Set ID: S39420
Client: TETRA01 (Tetra Tech)
Project: Former Hayworth Property 1103X90310107000CI110
Submitted: 08/19/2022 08:15 Login User: MMC

Attention: Kelly Thomas
Address: Tetra Tech
25213 Dequindre Road
Madison Heights, MI 48071

Phone: 313-574-3176 FAX:
Email: kelly.thomas@tetratech.com

Selection				Description	Note
Sample Receiving					
01.	[X] Yes	[ ] No	[ ] N/A	Samples are received at 4C +/- 2C Thermometer #	IR 6.0
02.	[X] Yes	[ ] No	[ ] N/A	Received on ice/ cooling process begun	
03.	[ ] Yes	[X] No	[ ] N/A	Samples shipped	
04.	[ ] Yes	[X] No	[ ] N/A	Samples left in 24 hr. drop box	
05.	[ ] Yes	[ ] No	[X] N/A	Are there custody seals/tape or is the drop box locked	
Chain of Custody					
06.	[X] Yes	[ ] No	[ ] N/A	COC adequately filled out	
07.	[X] Yes	[ ] No	[ ] N/A	COC signed and relinquished to the lab	
08.	[X] Yes	[ ] No	[ ] N/A	Sample tag on bottles match COC	
09.	[ ] Yes	[X] No	[ ] N/A	Subcontracting needed? Subcontacted to:	
Preservation					
10.	[X] Yes	[ ] No	[ ] N/A	Do sample have correct chemical preservation	
11.	[ ] Yes	[ ] No	[X] N/A	Completed pH checks on preserved samples? (no VOAs)	
12.	[ ] Yes	[X] No	[ ] N/A	Did any samples need to be preserved in the lab?	
Bottle Conditions					
13.	[X] Yes	[ ] No	[ ] N/A	All bottles intact	
14.	[X] Yes	[ ] No	[ ] N/A	Appropriate analytical bottles are used	
15.	[X] Yes	[ ] No	[ ] N/A	Merit bottles used	
16.	[X] Yes	[ ] No	[ ] N/A	Sufficient sample volume received	
17.	[ ] Yes	[X] No	[ ] N/A	Samples require laboratory filtration	
18.	[X] Yes	[ ] No	[ ] N/A	Samples submitted within holding time	
19.	[ ] Yes	[ ] No	[X] N/A	Do water VOC or TOX bottles contain headspace	

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Prepared by Merit Laboratories

Merit Laboratories, Inc.
2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

 151965

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Deguindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: 313-574-3176 CELL NO.: P.O. NO.: 1187377
E-MAIL ADDRESS: kelly.thomas@tetratech-com QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts Payable and Kelly Thomas ☐ SAME
COMPANY: Tetra Tech
ADDRESS: 1 South wacker Drive Ste 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.Accountspayable@tetratech.com

PROJECT NO./NAME: Former Haworth Property/103X9031010200LF110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☒ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED): PCBs

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCBs
39420.01	8/18/22	1145	FHP-CT21(0-12)-20220818	SD	1	X							X
.02	8/18/22	1155	FHP-CT21(12-24)-20220818	SD	1	X							X
.03	8/18/22	1205	FHP-CT21(24-36)-20220818	SD	1	X							X
.04	8/18/22	1030	FHP-CT18(0-9.5)-20220818	SD	1	X							X
.05	8/18/22	1115	FHP-CT22(0-12)-20220818	SD	1	X							X
.06	8/18/22	1125	FHP-CT23(0-5.5)-20220818	SD	1	X							X
.07	8/18/22	1045	FHP-CT19(0-12)-20220818	SD	1	X							X
.08	8/18/22	1055	FHP-CT19(12-19)-20220818	SD	1	X							X
.09	8/18/22	1105	FHP-CT16(0-12)-20220818	SD	1	X							X
.10	8/18/22	1250	FHP-CT25(0-12)-20220818	SD	1	X							X
.11	8/18/22	1300	FHP-CT24(0-12)-20220818	SD	1	X							X
.12	8/18/22	1305	FHP-CT24(12-24)-20220818	SD	1	X							X

RELINQUISHED BY: SIGNATURE/ORGANIZATION: Todd Grossman ☐ Sampler	DATE: 8/18/22	TIME: 1700	RELINQUISHED BY: SIGNATURE/ORGANIZATION
RECEIVED BY: SIGNATURE/ORGANIZATION: M Dilcot	DATE: 8/18/22	TIME: 1700	RECEIVED BY: SIGNATURE/ORGANIZATION
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS

NOTES: TEMP. ON ARRIVAL 4.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Merit Laboratories, Inc.
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C.O.C. PAGE # 2 OF 9 151966

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: TetraTech
ADDRESS: 25213 Dequindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: CELL NO.: 313-574-3176 P.O. NO.: 1187377
E-MAIL ADDRESS: kelly.thomas@tetratech.com QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts Payable and Kelly Thomas ☐ SAME
COMPANY: TetraTech
ADDRESS: 1 South Wacker Drive Ste. 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.AccountsPayable@tetratech.com

PROJECT NO./NAME: Former Haworth Property/103X9031010 Task CI 110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG Kegler

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☒ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCBs	TCLP VOCs	TCLP SVOCs	TCLP Metals	Greensheet Pesticides
39420.13	8/18/22	1310	FHP-CT24(24-36)-20220818	SD	1	X							X				
.14	8/18/22	1315	FHP-CT26(0-12)-20220818	SD	1	X							X				
.15	8/18/22	1320	FHP-CT26(12-24)-20220818	SD	1	X							X				
.16	8/18/22	1325	FHP-CT26(24-36)-20220818	SD	1	X							X				
.17	8/17/22	1355	FHP-CT17(0-12)-20220817	SD	1	X							X				
.18	8/17/22	1455	FHP-CT17(12-24)-20220817	SD	1	X							X				
.19	8/17/22	1500	FHP-CT17(24-36)-20220817	SD	1	X							X				
.20	8/18/22	1335	FHP-CT17B(0-9)-20220817	SD	1	X							X				
.21	8/18/22	1000	FHP-CT WASTE-20220818	SD	1	X								X	X	X	X

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossman ☐ Sampler	08/18/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Abbott	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION		
RECEIVED BY: SIGNATURE/ORGANIZATION		

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		
RECEIVED BY: SIGNATURE/ORGANIZATION		

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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C.O.C. PAGE # 3 OF 9 151960

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Beaumontre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3178 P.O. NO.: 1187377
E-MAIL ADDRESS: ~~Kelly.Thomas@gmail.com~~ (TP) QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts payable and Kelly thomas ☐ SAME
COMPANY: Tetra tech
ADDRESS: 1 South wacker drive ste 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.AccountsPayable@tetratech.com

PROJECT NO./NAME: Former Hayworth Property 1103x03 Lot 0 70000110 SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCB's	TCLP VOC's	TCLP SVOC's	TCLP metals	Special Instructions
39420.22	08/17/22	09:13	FHP-5541(0-12)20220817	S	1	X							X	X	X	X	email report to kelly.thomas@tetratech.com
.23	08/17/22	14:05	FHP-5541(0-48)20220817	S	1	X							X	X	X	X	
.24	08/18/22	NA	FHP-55-DUP03	S	1	X							X	X	X	X	
.25	08/18/22	10:05	FHP-55-42(0-48)20220818	S	1	X							X	X	X	X	
.26	08/18/22	10:21	FHP-5538(0-12)20220818	S	1	X							X				
.27/.28/.29	08/18/22	10:35	FHP-5537(36-48)20220818	S	3	X							X				MSMSD
.30/.31/.32	08/18/22	10:34	FHP-5537(24-36)20220818	S	3	X							X				MSMSD
.33	08/18/22	10:32	FHP-5537(0-12)20220818	S	1	X							X				
.34	08/18/22	1033	FHP-5537(12-24)20220818	S	1	X							X				
.35	08/18/22	NA	FHP-55-DUP07	S	1	X							X				
.36	08/18/22	10:22	FHP-5538(12-24)20220818	S	1	X							X				
.37	08/18/22	NA	FHP-55-DUP06	S	1	X							X				

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossman ☐ Sampler	08/18/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Ahlcob	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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 151962

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Deguindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3174 P.O. NO.: 1187377
E-MAIL ADDRESS: ~~Kelly.thomas@gmail.com~~ (LD) QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts payable and Kelly thomas ☐ SAME
COMPANY: Tetra Tech
ADDRESS: 1 South Wacker Drive Ste 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.Accountspayable@tetratech.com

PROJECT NO./NAME: Former Haymarket Property 1103290310105000 ICI 110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☒ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

Special Instructions: email report to Kelly.thoms@tetratech.com

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCB's	Tcl'p VOC's	Tcl'p SVOC's	Tcl'p metals
39420.38	08/17/22	1206	FHP-5531 (0-12) 20220817	S	1	X							X			
.39	08/17/22	1207	FHP-5531 (12-24) 20220817	S	1	X							X			
.40	08/17/22	1208	FHP-5531 (24-36) 20220817	S	1	X							X			
.41	08/17/22	1209	FHP-5531 (36-48) 20220817	S	1	X							X			
.42	08/17/22	1214	FHP-5532 (0-12) 20220817	S	1	X							X			
.43	08/17/22	1215	FHP-5532 (12-24) 20220817	S	1	X							X			
.44	08/17/22	1245	FHP-5533 (0-12) 20220817	S	1	X							X			
.45	08/17/22	1246	FHP-5533 (12-24) 20220817	S	1	X							X			
.46	08/17/22	1247	FHP-5533 (24-36) 20220817	S	1	X							X			
.47	08/17/22	1248	FHP-5533 (36-48) 20220817	S	1	X							X			
.48	08/17/22	0952	FHP-5530 (0-12) 20220817	S	1	X							X			
.49	08/17/22	0953	FHP-5530 (12-24) 20220817	S	1	X							X			

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossman ☐ Sampler	08/18/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Chilcote	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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C.O.C. PAGE # 5 OF 9

151963

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra tech
ADDRESS: 25213 Deauindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3176 P.O. NO.: 1187377
E-MAIL ADDRESS: ~~kelly.thomas@gmail.com~~
QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts payable and Kelly thomas ☐ SAME
COMPANY: Tetra tech
ADDRESS: 1 South wacker Drive Ste 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.:
E-MAIL ADDRESS: EMI.Accounts payable@tetratech.com

PROJECT NO./NAME: Former Harwood property 1103 1903101070000101110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KY/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCB's	Tcl'p VOCs	Tcl'p SVOCs	Tcl'p metals	Special Instructions
39420.50	08/17/22	0954	FHP-SS30(24-36)20220817	S	1	X							X				email report to
.51	08/17/22	0955	FHP-SS30(36-48)20220817	S	1	X							X				kelly.thomas@tetratech.com
.52	08/17/22	NA	FHP-SS-DUP02	S	1	X							X				
.53	08/17/22	NA	FHP-SS-DUP01	S	1	X							X				
.54	08/17/22	1310	FHP-SS34(0-12)20220817	S	1	X							X				
.55	08/17/22	1311	FHP-SS34(12-24)20220817	S	1	X							X				
.56	08/17/22	1312	FHP-SS34(24-36)20220817	S	1	X							X				
.57	08/17/22	1313	FHP-SS34(36-48)20220817	S	1	X							X				
.58	08/17/22	0932	FHP-SS29(0-12)20220817	S	1	X							X				
.59	08/17/22	0933	FHP-SS29(12-24)20220817	S	1	X							X				
.60	08/17/22	0934	FHP-SS29(24-36)20220817	S	1	X							X				
.61	08/17/22	0935	FHP-SS29(36-48)20220817	S	1	X							X				

RELINQUISHED BY: SIGNATURE/ORGANIZATION: Todd Grossman ☐ Sampler	DATE: 08/18/22	TIME: 1700	RELINQUISHED BY: SIGNATURE/ORGANIZATION
RECEIVED BY: SIGNATURE/ORGANIZATION: M Chlcoto	DATE: 8/18/22	TIME: 1700	RECEIVED BY: SIGNATURE/ORGANIZATION
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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C.O.C. PAGE # 6 OF 9 151958

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Dequindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: 313-574-3176 CELL NO.: 313-574-3176 P.O. NO.: 1187377
E-MAIL ADDRESS: kelly.thomas@tetratech.com QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts Payable and Kelly Thomas ☐ SAME
COMPANY: Tetra Tech
ADDRESS: 1 South Wacker Drive Ste. 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.AccountsPayable@tetratech.com

PROJECT NO./NAME: Former Haverty Property / 103X9031010700001C1110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG Ken

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☒ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED): PCBs

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCBs
39420.62	8/17/22	0910	FHP-CT01(0-4)-20220817	SD	1	X							X
.63		1025	FHP-CT02(0-12)-20220817	SD	1	X							X
.64		1030	FHP-CT02(12-16)-20220817	SD	1	X							X
.65		1045	FHP-CT03(0-12)-20220817	SD	1	X							X
.66		1105	FHP-CT04(0-11.5)-20220817	SD	1	X							X
.67		1115	FHP-CT05(0-12)-20220817	SD	1	X							X
.68		1125	FHP-CT06(0-12)-20220817	SD	1	X							X
.69		1055	FHP-CT07(0-12)-20220817	SD	1	X							X
.70		1035	FHP-CT08(0-12)-20220817	SD	1	X							X
.71		1025	FHP-CT09(0-7.5)-20220817	SD	1	X							X
.72		1325	FHP-CT11(0-12)-20220817	SD	1	X							X
.73		1245	FHP-CT12(0-9)-20220817	SD	1	X							X

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossman ☐ Sampler	08/15/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Calcote	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION		
RECEIVED BY: SIGNATURE/ORGANIZATION		

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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C.O.C. PAGE # 7 OF 9 151959

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Dequindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3176 P.O. NO.: 1187377
E-MAIL ADDRESS: kelly.thomas@~~grait.com~~ tetratech.com (CT) QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts Payable and Kelly Thomas ☐ SAME
COMPANY: Tetra Tech
ADDRESS: 1 South Wacker Drive Ste 3700
CITY: Chicago ~~IL~~ (CT) STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.AccountsPayable@tetratech.com

PROJECT NO./NAME: Former Howarth Property/103X9031U107000ICI110 SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☑ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☑ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCBs	TCLP VOCs	TCLP SVOCs	TCLP Metals
39420.74	8/17/22	1010	FHP-CT10(0-12)-20220817	SD	1	X							X			
.75		1015	FHP-CT10(12-24)-20220817	SD	1	X										
.76		1020	FHP-CT10(24-36)-20220817	SD	1	X										
.77		1220	FHP-CT13(0-12)-20220817	SD	1	X										
.78		1205	FHP-CT14(0-11)-20220817	SD	1	X										
.79		1345	FHP-CT15(0-8)-20220817	SD	1	X										
.80		1505	FHP-CT20(0-12)-20220817	SD	1	X										
.81		1515	FHP-CT20(12-24)-20220817	SD	1	X										
.82		1525	FHP-CT20(24-36)-20220817	SD	1	X										
.83		1310	FHP-CT27(0-12)-20220817	SD	1	X							X	X	X	X
.84		1545	FHP-CT28(0-12)-20220817	SD	1	X							X	X	X	X
.85		0851	FHP-CT43(0-65)-~~20~~ (CT) 20220817	SD	1	X							X	X	X	X

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossmann (Sampler)	08/18/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Aikens	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION		
RECEIVED BY: SIGNATURE/ORGANIZATION		

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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Analytical Laboratory Report

Report ID: S39421.01(01)
Generated on 08/30/2022

Report to

Attention: Kelly Thomas
Tetra Tech
25213 Dequindre Road
Madison Heights, MI 48071

Phone: 313-574-3176 FAX:
Email: kelly.thomas@tetratech.com

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Laverty (johnlaverty@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S39421.01-S39421.29
Project: Former Hayworth Property 1103X90310107000CI110
Collected Date(s): 08/17/2022 - 08/18/2022
Submitted Date/Time: 08/19/2022 08:15
Sampled by: KY / TG
P.O. #: 1187377

Table of Contents

Maya Murshak
Technical Director

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.
40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.
QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.
Full accreditation certificates are available upon request. Starred (*) analytes are not NELAP accredited.
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.
Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)
PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."
Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.
Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Certifications

Authority	Certification ID
Michigan DEQ	#9956
DOD ELAP/ISO 17025	#69699
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Alaska CSLAP	#17-001
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched

Method Summary

Method	Version
E335.4/SM4500-CN	EPA Method 335.4 Revision 1.0 / Standard Method 4500-CN E 20th Edition
SM2540B	Standard Method 2540 B 2015
SM4500-S2 D	Standard Method 4450 S2 D 2011
SW1030	SW 846 Method 1030 Revision 0 December 1996
SW1311	SW 846 Method 1311 Revision 0 July 1992
SW3015A	SW 846 Method 3015A Revision 1 February 2007
SW3535A	SW 846 Method 3535A Revision 1 February 2007
SW3546	SW 846 Method 3546 Revision 0 February 2007
SW5030C/8260C	SW 846 Method 8260C Revision 3 August 2006 / 5030C Revision 3 May 2003
SW6020A	SW 846 Method 6020A Revision 1 February 2007
SW7471B	SW 846 Method 7471B Revision 2 February 2007
SW8082A	SW 846 Method 8082A Revision 1 February 2007
SW8270D	SW 846 Method 8270D Revision 4 February 2007
SW9045D	SW 846 Method 9045D Revision 4 November 2004
SW9066	SW 846 Method 9066 Revision 0 September 1986
SW9095B	SW 846 Method 9095B Revision 2 November 2004

Sample Summary (29 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S39421.01	FHP-SS38(36-48)-20220818	Soil	08/18/22 10:24
S39421.02	FHP-SS38(24-36)-20220818	Soil	08/18/22 10:23
S39421.03	FHP-SS40(36-48)-20220818	Soil	08/18/22 09:15
S39421.04	FHP-SS40(36-48)-20220818 MS	Soil	08/18/22 09:15
S39421.05	FHP-SS40(36-48)-20220818 MSD	Soil	08/18/22 09:15
S39421.06	FHP-SS40(24-36)-20220818	Soil	08/18/22 09:14
S39421.07	FHP-SS40(24-36)-20220818 MS	Soil	08/18/22 09:14
S39421.08	FHP-SS40(24-36)-20220818 MSD	Soil	08/18/22 09:14
S39421.09	FHP-SS40(0-12)-20220818	Soil	08/18/22 09:12
S39421.10	FHP-SS40(12-24)-20220818	Soil	08/18/22 09:13
S39421.11	FHP-SS39(0-12)-20220818	Soil	08/18/22 08:59
S39421.12	FHP-SS39(12-24)-20220818	Soil	08/18/22 09:00
S39421.13	FHP-SS39(24-36)-20220818	Soil	08/18/22 09:01
S39421.14	FHP-SS39(36-48)-20220818	Soil	08/18/22 09:02
S39421.15	FHP-SS-DUP04	Soil	08/18/22 00:01
S39421.16	FHP-SS-DUP05	Soil	08/18/22 00:01
S39421.17	FHP-SS36(0-12)-20220817	Soil	08/17/22 15:30
S39421.18	FHP-SS36(12-24)-20220817	Soil	08/17/22 15:31
S39421.19	FHP-SS36(24-36)-20220817	Soil	08/17/22 15:32
S39421.20	FHP-SS36(36-48)-20220817	Soil	08/17/22 15:33
S39421.21	FHP-SS35(0-12)-20220817	Soil	08/17/22 13:45
S39421.22	FHP-SS35(12-24)-20220817	Soil	08/17/22 13:46
S39421.23	FHP-SS35(24-36)-20220817	Soil	08/17/22 13:47
S39421.24	FHP-SS35(24-36)-20220817 MS	Soil	08/17/22 13:47
S39421.25	FHP-SS35(24-36)-20220817 MSD	Soil	08/17/22 13:47
S39421.26	FHP-SS35(36-48)-20220817	Soil	08/17/22 13:48
S39421.27	FHP-SS35(36-48)-20220817 MS	Soil	08/17/22 13:48
S39421.28	FHP-SS35(36-48)-20220817 MSD	Soil	08/17/22 13:48
S39421.29	FHP-SSWASTE-20220818	Soil	08/18/22 10:45

Analytical Laboratory Report

Lab Sample ID: S39421.01
Sample Tag: FHP-SS38(36-48)-20220818
Collected Date/Time: 08/18/2022 10:24
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	88	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 21:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.02
Sample Tag: FHP-SS38(24-36)-20220818
Collected Date/Time: 08/18/2022 10:23
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	94	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 22:01, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.03
Sample Tag: FHP-SS40(36-48)-20220818
Collected Date/Time: 08/18/2022 09:15
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 10:30, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.04
Sample Tag: FHP-SS40(36-48)-20220818 MS
Collected Date/Time: 08/18/2022 09:15
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	94	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 10:43, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	28	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	42	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.05
Sample Tag: FHP-SS40(36-48)-20220818 MSD
Collected Date/Time: 08/18/2022 09:15
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/23/22 15:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 11:08, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	23	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	22	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.06
Sample Tag: FHP-SS40(24-36)-20220818
Collected Date/Time: 08/18/2022 09:14
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 12:35, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.07
Sample Tag: FHP-SS40(24-36)-20220818 MS
Collected Date/Time: 08/18/2022 09:14
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 12:53, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	31	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	60	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.08
Sample Tag: FHP-SS40(24-36)-20220818 MSD
Collected Date/Time: 08/18/2022 09:14
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/25/22 18:00	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/26/22 13:06, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	27	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	62	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.09
Sample Tag: FHP-SS40(0-12)-20220818
Collected Date/Time: 08/18/2022 09:12
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	90	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 14:27, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	3,000		ug/kg	500	12674-11-2	Y	
PCB-1242	Not detected	3,000		ug/kg	500	53469-21-9	Y	
PCB-1221	Not detected	3,000		ug/kg	500	11104-28-2	Y	
PCB-1232	Not detected	3,000		ug/kg	500	11141-16-5	Y	
PCB-1248	Not detected	3,000		ug/kg	500	12672-29-6	Y	
PCB-1254	13,000	3,000		ug/kg	500	11097-69-1	Y	
PCB-1260	Not detected	3,000		ug/kg	500	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39421.10
Sample Tag: FHP-SS40(12-24)-20220818
Collected Date/Time: 08/18/2022 09:13
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 15:02, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	500		ug/kg	100	12674-11-2	Y	
PCB-1242	Not detected	500		ug/kg	100	53469-21-9	Y	
PCB-1221	Not detected	500		ug/kg	100	11104-28-2	Y	
PCB-1232	Not detected	500		ug/kg	100	11141-16-5	Y	
PCB-1248	Not detected	500		ug/kg	100	12672-29-6	Y	
PCB-1254	4,600	500		ug/kg	100	11097-69-1	Y	
PCB-1260	Not detected	500		ug/kg	100	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39421.11
Sample Tag: FHP-SS39(0-12)-20220818
Collected Date/Time: 08/18/2022 08:59
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	91	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 15:14, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	50	12674-11-2		
PCB-1242	Not detected	330		ug/kg	50	53469-21-9		
PCB-1221	Not detected	330		ug/kg	50	11104-28-2		
PCB-1232	Not detected	330		ug/kg	50	11141-16-5		
PCB-1248	Not detected	330		ug/kg	50	12672-29-6		
PCB-1254	1,300	330		ug/kg	50	11097-69-1		
PCB-1260	Not detected	330		ug/kg	50	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.12
Sample Tag: FHP-SS39(12-24)-20220818
Collected Date/Time: 08/18/2022 09:00
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 10:52, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	20	12674-11-2		
PCB-1242	Not detected	330		ug/kg	20	53469-21-9		
PCB-1221	Not detected	330		ug/kg	20	11104-28-2		
PCB-1232	Not detected	330		ug/kg	20	11141-16-5		
PCB-1248	Not detected	330		ug/kg	20	12672-29-6		
PCB-1254	500	330		ug/kg	20	11097-69-1		
PCB-1260	Not detected	330		ug/kg	20	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.13
Sample Tag: FHP-SS39(24-36)-20220818
Collected Date/Time: 08/18/2022 09:01
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 22:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.14
Sample Tag: FHP-SS39(36-48)-20220818
Collected Date/Time: 08/18/2022 09:02
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 22:37, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.15
Sample Tag: FHP-SS-DUP04
Collected Date/Time: 08/18/2022 00:01
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 15:26, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	3,000		ug/kg	1	12674-11-2	Y	
PCB-1242	Not detected	3,000		ug/kg	1	53469-21-9	Y	
PCB-1221	Not detected	3,000		ug/kg	1	11104-28-2	Y	
PCB-1232	Not detected	3,000		ug/kg	1	11141-16-5	Y	
PCB-1248	Not detected	3,000		ug/kg	1	12672-29-6	Y	
PCB-1254	8,000	3,000		ug/kg	1	11097-69-1	Y	
PCB-1260	Not detected	3,000		ug/kg	1	11096-82-5	Y	

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S39421.16
Sample Tag: FHP-SS-DUP05
Collected Date/Time: 08/18/2022 00:01
Matrix: Soil
COC Reference: 151961

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	92	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 22:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.17
Sample Tag: FHP-SS36(0-12)-20220817
Collected Date/Time: 08/17/2022 15:30
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	92	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 23:01, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.18
Sample Tag: FHP-SS36(12-24)-20220817
Collected Date/Time: 08/17/2022 15:31
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	98	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 23:13, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.19
Sample Tag: FHP-SS36(24-36)-20220817
Collected Date/Time: 08/17/2022 15:32
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 23:25, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.20
Sample Tag: FHP-SS36(36-48)-20220817
Collected Date/Time: 08/17/2022 15:33
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:01, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	99	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 23:37, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.21
Sample Tag: FHP-SS35(0-12)-20220817
Collected Date/Time: 08/17/2022 13:45
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 23:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.22
Sample Tag: FHP-SS35(12-24)-20220817
Collected Date/Time: 08/17/2022 13:46
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/24/22 00:01, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	10	12674-11-2		
PCB-1242	Not detected	330		ug/kg	10	53469-21-9		
PCB-1221	Not detected	330		ug/kg	10	11104-28-2		
PCB-1232	Not detected	330		ug/kg	10	11141-16-5		
PCB-1248	Not detected	330		ug/kg	10	12672-29-6		
PCB-1254	Not detected	330		ug/kg	10	11097-69-1		
PCB-1260	Not detected	330		ug/kg	10	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.23
Sample Tag: FHP-SS35(24-36)-20220817
Collected Date/Time: 08/17/2022 13:47
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	93	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 10:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.24
Sample Tag: FHP-SS35(24-36)-20220817 MS
Collected Date/Time: 08/17/2022 13:47
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 11:02, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	22	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	31	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.25
Sample Tag: FHP-SS35(24-36)-20220817 MSD
Collected Date/Time: 08/17/2022 13:47
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 13:30	JWR	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	89	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 11:31, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	26	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	28	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.26
Sample Tag: FHP-SS35(36-48)-20220817
Collected Date/Time: 08/17/2022 13:48
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 14:38, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	Not detected	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	Not detected	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.27
Sample Tag: FHP-SS35(36-48)-20220817 MS
Collected Date/Time: 08/17/2022 13:48
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	94	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 14:49, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	24	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	26	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.28
Sample Tag: FHP-SS35(36-48)-20220817 MSD
Collected Date/Time: 08/17/2022 13:48
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Extraction, PCB*	Completed	SW3546	08/22/22 18:00	TAW	

Inorganics

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	95	1		%	1			

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 08/23/22 15:05, Analyst: JANB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
PCB-1016	24	330		ug/kg	1	12674-11-2		
PCB-1242	Not detected	330		ug/kg	1	53469-21-9		
PCB-1221	Not detected	330		ug/kg	1	11104-28-2		
PCB-1232	Not detected	330		ug/kg	1	11141-16-5		
PCB-1248	Not detected	330		ug/kg	1	12672-29-6		
PCB-1254	Not detected	330		ug/kg	1	11097-69-1		
PCB-1260	26	330		ug/kg	1	11096-82-5		

Analytical Laboratory Report

Lab Sample ID: S39421.29
Sample Tag: FHP-SSWASTE-20220818
Collected Date/Time: 08/18/2022 10:45
Matrix: Soil
COC Reference: 151964

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32oz Glass	None	Yes	6.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
TCLP Zero Headspace Ext.	Completed	SW1311	08/23/22 18:45	DMP	
Metal Digestion*	Completed	SW3015A	08/24/22 09:15	CCM	
TCLP/SPLP BNA Extraction*	Completed	SW3535A	08/23/22 10:30	JW	
Mercury Digestion	Completed	SW7471B	08/26/22 12:30	CTV	

TCLP Extraction

Parameter	Result	Method	Run Date	Analyst	Flags
Initial Sample pH	10.53	SW1311	08/22/22 18:30 - 08/23/22	DMP	
pH after 3.5 ml HCl	1.84	SW1311	08/22/22 18:30 - 08/23/22	DMP	
% Solids	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Sample Used g	100	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Volume mL	2000	SW1311	08/22/22 18:30 - 08/23/22	DMP	
TCLP Extraction Fluid	1	SW1311	08/22/22 18:30 - 08/23/22	DMP	
Final Extract pH	5.58	SW1311	08/22/22 18:30 - 08/23/22	DMP	

Inorganics

Method: E335.4/SM4500-CN, Run Date: 08/26/22 09:10, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Cyanide, Total*	Not detected	0.08		mg/kg	40	57-12-5		

Method: SM2540B, Run Date: 08/19/22 17:02, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Total Solids*	96	1		%	1			

Method: SM4500-S2 D, Run Date: 08/26/22 10:23, Analyst: JDP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Sulfide*	Not detected	0.8		mg/kg	40	18496-25-8		500.0

Method: SW1030, Run Date: 08/22/22 17:15, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Flashpoint for Solids	Not detected	2.2		mm/sec	1			

Method: SW9045D, Run Date: 08/25/22 10:24, Analyst: SSM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
pH/ Corrosivity	11.07	0.01		STD Units	1			2-12.5

Method: SW9066, Run Date: 08/29/22 15:50, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Phenols*	0.45	0.2		mg/kg	20			

Lab Sample ID: S39421.29 (continued)
Sample Tag: FHP-SSWASTE-20220818

Method: SW9095B, Run Date: 08/22/22 15:52, Analyst: DMP

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Paint Filter Test	Pass				1		1	

Metals

Method: SW6020A, Run Date: 08/24/22 10:43, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Arsenic, TCLP	Not detected	0.02		mg/L	25	7440-38-2		5.0
Barium, TCLP	0.33	0.05		mg/L	25	7440-39-3		100.0
Cadmium, TCLP	Not detected	0.005		mg/L	25	7440-43-9		1.0
Chromium, TCLP	Not detected	0.05		mg/L	25	7440-47-3		5.0
Lead, TCLP	Not detected	0.03		mg/L	25	7439-92-1		5.0
Selenium, TCLP	Not detected	0.05		mg/L	25	7782-49-2		1.0
Silver, TCLP	Not detected	0.005		mg/L	25	7440-22-4		5.0

Method: SW7471B, Run Date: 08/26/22 15:53, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Mercury, TCLP	Not detected	0.0005		mg/L	2	7439-97-6		0.2

Organics - Semi-Volatiles

TCLP Semi Volatiles, Method: SW8270D, Run Date: 08/24/22 16:59, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
2-Methylphenol (o-Cresol)	Not detected	1,000		ug/L	10	95-48-7		200,000
3-, 4-Methylphenol (p,m-Cresol)	Not detected	1,000		ug/L	10	3/4-CRESOL		200,000
Pentachlorophenol	Not detected	1,000		ug/L	10	87-86-5		100,000
2,4,5-Trichlorophenol	Not detected	1,000		ug/L	10	95-95-4		400,000
2,4,6-Trichlorophenol	Not detected	1,000		ug/L	10	88-06-2		2,000
2,4-Dinitrotoluene	Not detected	90		ug/L	10	121-14-2		130
Hexachlorobenzene	Not detected	90		ug/L	10	118-74-1		130
Hexachlorobutadiene	Not detected	100		ug/L	10	87-68-3		500
Hexachloroethane	Not detected	100		ug/L	10	67-72-1		3,000
Nitrobenzene	Not detected	100		ug/L	10	98-95-3		2,000
Pyridine	Not detected	100		ug/L	10	110-86-1		5,000

Organics - Volatiles

TCLP Volatiles, Method: SW5030C/8260C, Run Date: 08/24/22 16:16, Analyst: BML

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Benzene*	Not detected	100		ug/L	100	71-43-2		500
Carbon tetrachloride*	Not detected	100		ug/L	100	56-23-5		500
Chlorobenzene*	Not detected	100		ug/L	100	108-90-7		100,000
Chloroform*	Not detected	100		ug/L	100	67-66-3		6,000
1,4-Dichlorobenzene*	Not detected	100		ug/L	100	106-46-7		7,500
1,2-Dichloroethane*	Not detected	100		ug/L	100	107-06-2		500
1,1-Dichloroethene*	Not detected	100		ug/L	100	75-35-4		700
2-Butanone (MEK)*	Not detected	1,000		ug/L	100	78-93-3		200,000
Tetrachloroethene*	Not detected	100		ug/L	100	127-18-4		700
Trichloroethene*	Not detected	100		ug/L	100	79-01-6		500
Vinyl chloride*	Not detected	100		ug/L	100	75-01-4		200

1-Liquid does not travel through filter

Merit Laboratories Login Checklist

Lab Set ID: S39421
Client: TETRA01 (Tetra Tech)
Project: Former Hayworth Property 1103X90310107000CI110
Submitted: 08/19/2022 08:15 Login User: MMC

Attention: Kelly Thomas
Address: Tetra Tech
25213 Dequindre Road
Madison Heights, MI 48071

Phone: 313-574-3176 FAX:
Email: kelly.thomas@tetratech.com

Selection				Description	Note
Sample Receiving					
01.	[X] Yes	[ ] No	[ ] N/A	Samples are received at 4C +/- 2C Thermometer #	IR 6.0
02.	[X] Yes	[ ] No	[ ] N/A	Received on ice/ cooling process begun	
03.	[ ] Yes	[X] No	[ ] N/A	Samples shipped	
04.	[ ] Yes	[X] No	[ ] N/A	Samples left in 24 hr. drop box	
05.	[ ] Yes	[ ] No	[X] N/A	Are there custody seals/tape or is the drop box locked	
Chain of Custody					
06.	[X] Yes	[ ] No	[ ] N/A	COC adequately filled out	
07.	[X] Yes	[ ] No	[ ] N/A	COC signed and relinquished to the lab	
08.	[X] Yes	[ ] No	[ ] N/A	Sample tag on bottles match COC	
09.	[ ] Yes	[X] No	[ ] N/A	Subcontracting needed? Subcontacted to:	
Preservation					
10.	[X] Yes	[ ] No	[ ] N/A	Do sample have correct chemical preservation	
11.	[ ] Yes	[ ] No	[X] N/A	Completed pH checks on preserved samples? (no VOAs)	
12.	[ ] Yes	[X] No	[ ] N/A	Did any samples need to be preserved in the lab?	
Bottle Conditions					
13.	[X] Yes	[ ] No	[ ] N/A	All bottles intact	
14.	[X] Yes	[ ] No	[ ] N/A	Appropriate analytical bottles are used	
15.	[X] Yes	[ ] No	[ ] N/A	Merit bottles used	
16.	[X] Yes	[ ] No	[ ] N/A	Sufficient sample volume received	
17.	[ ] Yes	[X] No	[ ] N/A	Samples require laboratory filtration	
18.	[X] Yes	[ ] No	[ ] N/A	Samples submitted within holding time	
19.	[ ] Yes	[ ] No	[X] N/A	Do water VOC or TOX bottles contain headspace	

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Prepared by Merit Laboratories

Merit Laboratories, Inc.

2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # 8 OF 9 151961

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly Thomas
COMPANY: Tetra Tech
ADDRESS: 25213 Dequindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3176 P.O. NO.: 118-7377
E-MAIL ADDRESS: ~~Kelly.Thomas@gmail.com~~ (to) QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts payable and Kelly Thomas ☐ SAME
COMPANY: Tetra Tech
ADDRESS: 1 South Wacker Drive Ste 3700
CITY: Chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.Accountspayable@tetratech.com

PROJECT NO./NAME: Former Hennepin Property 1103X903010 2000012110
SAMPLER(S) - PLEASE PRINT/SIGN NAME: RTTG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCBs	Tcl'ip VOCs	Tcl'ip SVOCs	Tcl'ip metals	Special Instructions
39421.01	08/18/22	1024	FHP-SS38(36-48)20220818	S	1	X							X				Email results to ~~kelly.thomas@tetratech.com~~
.02	08/18/22	1023	FHP-SS38(24-36)20220818	S	1	X							X				
.03/.04/.05	08/18/22	0915	FHP-SS40(36-48)20220818	S	3	X							X				MS MSD
.06/.07/.08	08/18/22	0914	FHP-SS40(24-36)20220818	S	3	X							X				MS MSD
.09	08/18/22	0912	FHP-SS40(0-12)20220818	S	1	X							X				
.10	08/18/22	0913	FHP-SS40(12-24)20220818	S	1	X							X				
.11	08/18/22	0859	FHP-SS39(0-12)20220818	S	1	X							X				
.12	08/18/22	0900	FHP-SS39(12-24)20220818	S	1	X							X				
.13	08/18/22	0901	FHP-SS39(24-36)20220818	S	1	X							X				
.14	08/18/22	0902	FHP-SS39(36-48)20220818	S	1	X							X				
.15	08/18/22	NA	FHP-SS-DUP04	S	1	X							X				
.16	08/18/22	NA	FHP-SS-DUP05	S	1	X							X				

RELINQUISHED BY: SIGNATURE/ORGANIZATION: Todd Grossman ☐ Sampler	DATE: 08/18/22	TIME: 1700	RELINQUISHED BY: SIGNATURE/ORGANIZATION
RECEIVED BY: SIGNATURE/ORGANIZATION: M Alcoto	DATE: 8/18/22	TIME: 1700	RECEIVED BY: SIGNATURE/ORGANIZATION
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO. / SEAL INTACT YES ☐ NO ☐ / INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 1.26.22

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www.meritlabs.com

C.O.C. PAGE # 9 OF 9 151964

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Kelly thomas
COMPANY: Tetra tech
ADDRESS: 25213 Deequindre Road
CITY: Madison Heights STATE: MI ZIP CODE: 48071
PHONE NO.: NA CELL NO.: 313-574-3176 P.O. NO.: 1187377
E-MAIL ADDRESS: ~~kelly.thomas@gmail.com~~ (16) QUOTE NO.: NA

INVOICE TO

CONTACT NAME: Accounts payable and Kelly thomas ☐ SAME
COMPANY: tetra tech
ADDRESS: 1 south wacker drive Ste 3700
CITY: chicago STATE: IL ZIP CODE: 60606
PHONE NO.: E-MAIL ADDRESS: EMI.AccountsPayable@tetratech.com

PROJECT NO./NAME: Former Hayworth property 1103X08101072000 CI llc
SAMPLER(S) - PLEASE PRINT/SIGN NAME: KT/TG

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☒ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other

MERIT LAB NO. (FOR LAB USE ONLY)	COLLECTION DATE	COLLECTION TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PCB's	TCLP VOC's	TCLP SVOCs	TCLP metals	Total Cyanide	Total Sulfide	Total phenol	Paint Filter	pH	Flash point	Special Instructions
39421.17	08/17/22	1530	FHP-SS36(0-12)20220817	S	1	X							X										email report to
.18	08/17/22	1531	FHP-SS36(12-24)20220817	S	1	X							X										kelly.thomas@tetratech.com
.19	08/17/22	1532	FHP-SS36(24-36)20220817	S	1	X							X										
.20	08/17/22	1533	FHP-SS36(36-48)20220817	S	1	X							X										
.21	08/17/22	1345	FHP-SS35(0-12)20220817	S	1	X							X										
.22	08/17/22	1346	FHP-SS35(12-24)20220817	S	1	X							X										
.23/.24/.25	08/17/22	1347	FHP-SS35(24-36)20220817	S	3	X							X										MS MSD
.26/.27/.28	08/17/22	1348	FHP-SS35(36-48)20220817	S	3	X							X										MS MSD
.29	08/18/22	1045	FHP-SSWaste-20220818	S	1	X								X	X	X	X	X	X	X	X	X	Total Solids ash content

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
Todd Grossmann ☐ Sampler	08/18/22	1700
RECEIVED BY: SIGNATURE/ORGANIZATION: M Alcalo	8/18/22	1700
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 6.0

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