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November 30, 2023

Tim Palazzollo / Al Dyer
City of Detroit Construction & Demolition Department (C&DD)
1301 Third Street, Suite 606
Detroit, MI 48215

RE: Delineation of Soil-Fill Material Contamination Summary Report
Alfred Brush Ford Park
100 Lenox Street, Detroit, Wayne County, Michigan 48215
Commercial/Environmental Due Diligence
Atlas Project No. 188BS23244

Dear City of Detroit Construction and Demolition Department:

The City of Detroit Construction and Demolition Department (C&DD) has requested that Atlas Technical Consultants LLC (Atlas) provide professional environmental services to assess the delineation of extent of soil fill material at 100 Lenox Street, in Detroit, Wayne County, Michigan.

Atlas has prepared this report of findings to summarize Atlas' site assessment activities to date.

If you have any questions or need additional information, please contact Mr. Smith or Mr. Schuyler at the referenced phone numbers/email addresses below.

Sincerely,
Atlas Technical

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TABLE OF CONTENTS

INTRODUCTION	3
PREVIOUS SITE ACTIVITIES SUMMARY	3
CITY OF DETROIT CURRENT PLANS AND OBJECTIVES FOR SITE USE	5
SCOPE OF WORK	5
1 - PRE-INVESTIGATIVE ACTIVITIES.....	6
2 - DELINEATION OF SOIL/FILL MATERIAL CONTAMINATION AND STOCKPILE SAMPLING	8
3 - SUMMARY OF LABORATORY ANALYTICAL RESULTS	12
4 - EXPOSURE PATHWAY EVALUATION.....	13
5 - ASSESSMENT OF APPLICABILITY OF PART 201 GENERIC CLEANUP CRITERIA	14
6 - MAXIMUM DETECTED CONCENTRATIONS & RISK/PATHWAY ASSESSMENT.....	15
7 - SUMMARY OF LABORATORY ANALYTICAL RESULTS.....	19
8 - PROPOSED ACTIVITIES AND RECOMMENDATIONS	20

Attachments

Attachment 1 - Figures

Attachment 2 - Tables

Attachment 3 - Draft Property Survey Map

Attachment 4 - Soil Boring Logs (2023 Site Delineation)

Attachment 5 - Previous Site Data

Attachment 6 - Analytical Lab Reports, COCs and Flow Sheets

Attachment 7 - Laboratory Vapor Tube Sampling Procedures

100 Lenox St (Alfred Brush Ford Park) – Delineation of Soil-Fill Material Contamination Summary Report

November 30, 2023

Professional Environmental Services – Delineation of Extent of Soil-Fill Material Contamination
Alfred Brush Ford Park
100 Lenox Street, Detroit, Wayne County, Michigan
Atlas Project No. 188BS23244

INTRODUCTION

Atlas Technical Consultants LLC (Atlas) has been retained by the City of Detroit Construction and Demolition Department (C&DD) for the 100 Lenox Street/ Alfred Brush Ford Park (Subject Property) under the Commercial/Environmental Due Diligence contract to complete professional environmental services related to the delineation of subsurface contamination previously identified to be present in historical fill material at the Subject Property. The Subject Property is located at 100 Lenox Street, in Detroit, Wayne County, Michigan. Refer to Figures; Attachment 1.

Previous Site Activities Summary

The Subject Property, a 12-acre parcel of land, is bounded to the south by the Detroit River, to the east by an approximately 47-acre park area, to the west by Lenox Street, beyond which is a vacant property (110 Lenox St), and the north by residential properties.

Based on readily available and historical documentation, past uses of the Subject Property included a Nike missile defense system in mid-1955. The base of the missile tracking radar tower and target tracking radar tower remain on the Subject Property. Based on historical information, significant filling of the southern portion of the Subject Property along the Detroit River occurred between the late 1930s and early 1980s. Filling of other areas within the park area may have also occurred during that period. Following decommissioning of the missile facility in late 1960, the Subject Property was reverted to the City of Detroit and was subsequently converted to a recreational park.

To evaluate the environmental condition of the historic fill material, in April 2022, the City retained Atlas to conduct a Phase I Environmental Site Assessment (ESA) of the Subject Property.

The Phase I ESA identified the following:

- Significant filling occurred in the southern portion of the site along the Detroit River between 1937 and 1981 (and possible deposition of fill material in other areas of the site).
- For the western adjoining off-site property, a Baseline Environmental Assessment (BEA) was submitted to the State of Michigan in 2006 under the names Lenox Waterfront Estates (Lenox and Avondale Streets) and Morgan Development LLC (south side of Lenox Street between Avondale and the Detroit River) which are associated with an uncompleted residential development. Based on the above BEA, a previous 2004 environmental study indicated concentrations of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and/or various metals in soil and/or groundwater above the residential cleanup criteria contained in State of Michigan, Natural Resources and

Environmental Protection Act, Act 451 of 1994, as amended (P.A. 451), Part 201, and this property was defined as an environmental “facility”.

Based on the potential environmental concerns identified in the Phase I ESA, Atlas was requested by C&DD to complete a limited Phase II ESA. The Phase II ESA was completed on April 12, 2022, with a report submitted to C&DD, dated May 5, 2022.

The Phase II ESA and Delineation Activities identified the following:

As part of the Phase II ESA and delineation activities, between April and July 2022, Atlas advanced a total of 14 soil borings to a depth ranging from 10 to 20 feet below surface grade (bsg). Based on field observations, a total of 14 soil samples were collected from the soil borings and submitted to Quantum Laboratories, Inc. of Wixom, Michigan, for analysis of one or more of the following constituents of concern (COCs):

- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Polychlorinated biphenyls (PCBs)
- 10 Michigan Metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc)
- Polycyclic aromatic hydrocarbons (PAHs)

Also, in addition to the soil samples, a total of seven groundwater samples were collected from temporary monitoring wells installed at soil boring locations and submitted to the analytical laboratory for analysis of one or more of the above-listed COCs.

Based on findings from the Phase II ESA and delineation activities, VOCs, PAHs, and/or metals were identified to be present in soil or groundwater at the Subject Property at concentrations exceeding the current Michigan Department of Environment, Great Lakes, and Energy (EGLE)-established Residential Generic Cleanup Criteria (GCC). It should be noted that the drinking water exposure pathway is incomplete as groundwater at the Subject Property is not used for drinking or any other potable purposes, installation of wells for consumptive use is prohibited by the City of Detroit ordinance, and the Subject Property is serviced by a municipal water supply. However, lead and benzo(a)pyrene were identified to be present in surficial and shallow soil/ fill material samples at concentrations exceeding the current EGLE-established Residential Direct Contact Criteria (DCC) at several sampling locations across the park area investigated. Based on the current site conditions and future park development activities, Direct Contact is a complete exposure pathway and, therefore, a response activity to evaluate and address this exposure pathway, as well as other potentially relevant exposure pathways, is required.

Summary of previous site assessments (2022):

- VOCs, PAHs, and metals above the EGLE Residential GCC.
- Drinking water exposure pathway is incomplete as the City of Detroit is serviced by municipal water system and installation of wells for consumptive purposes is prohibited.
- Lead and benzo(a)pyrene were identified above EGLE Residential GCC for direct contact at GP-3 (1'-3').
- Lead was identified in the soil above DCC at GP-8 (2'-4').
- Lead was identified in the soil above the Drinking Water Protection Criteria (DWPC) at GP-3 (1'-3').
- Barium, cadmium, copper, lead, mercury, and zinc were identified in the soil above the DWPC at GP-8 (2'-4').
- Benzene was identified in the perched groundwater (in fill material) above Drinking Water Criteria (DWC) at GP-4.

CITY OF DETROIT CURRENT PLANS AND OBJECTIVES FOR SITE USE

The City plans to implement site construction and restoration activities at the Subject Property, including already completed demolition and removal of an existing community recreation center building, completed construction of a new community recreation center building and associated parking area along with redevelopment of the AB Ford Park as a recreational park. Therefore, and based on the findings from the Phase II ESA, the City's main objectives are to:

- Further delineate the nature and extent of existing fill material contamination identified to be present at the Subject Property;
- Quantify the approximate volume of contaminated fill material throughout the Subject Property;
- identify relevant/ complete pathways for human exposure as part of a qualitative assessment; and
- Prepare a Due Care Evaluation (DCE).

SCOPE OF WORK

To accomplish the project objectives, Atlas implemented the Scope of Work (SOW) for the Subject Property in one phase. The SOW included the following activities: 1) a detailed property survey; 2) a grid soil boring/ soil sampling program; and 3) collection of discrete soil/ fill material samples from soil borings and composite soil samples collected from the on-site stockpiles for laboratory chemical analysis. These activities are described in more detail in the following sections in the general order in which they were completed.

1 – PRE-INVESTIGATIVE ACTIVITIES

1.1 – File Review: (April 4, 2023)

Atlas conducted a review of project- related documents provided by the city. Environmental due diligence documents available for review included Phase I ESA and Phase II ESA reports and a DCE prepared previously. A thorough review of these documents is critical to a thorough understanding of the historical property uses/operations, site assessment activities previously completed at the Subject Property, and current site conditions.

1.2 – Health and Safety Plan (HASP) (April 7, 2023)

Under this task, and prior to conducting the sampling activities, Atlas prepared a site-specific HASP for use by field personnel, subcontractors, and visitors (including City staff) to the Subject Property. Prior to conducting any on-site activities, Atlas completed a job safety analysis (JSA) for the project SOW and prepared a Site-Specific Health and Safety Plan (SSHASP). The SSHASP incorporates details of the scope of work, types of contamination that may be encountered, personal protective equipment (level D) to be utilized, decontamination procedures, and general site-specific safety guidelines such as equipment control, construction traffic, or hazard recognition. All Atlas representatives, subcontractors, and City staff working at the project site are required to read and comprehend the plan. All Atlas representatives and subcontractors were required to attend daily safety tailgate meetings which reviewed all specific daily tasks and sign the acknowledgment form. The SSHASP and JSAs will be modified as needed based on changes in the SOW and/or identified potential risks at the site. Any deviations from the outlined tasks or process will have work stopped and re-evaluated to ensure work is completed in a safe manner. Upon request, a copy of the SSHASP shall be provided for review by the City.

1.3 – Work Plan: (April 10, 2023)

Following the file review and kickoff meeting, Atlas prepared a technical work plan that described in detail the delineation and data evaluation tasks to be completed. This work plan was submitted to the City for review and approval prior to initiating the delineation activities (drilling and sampling activities).

1.4 – Kickoff Meeting & Site Visit: (April 13, 2023)

City representatives from General Services Division (GSD) and Buildings Safety Engineering and Environmental Department, Environmental Affairs (BSEED-EA) held a kickoff meeting with Atlas to a) discuss the project budget and schedule; and b) clearly delineate the scope of services and project objectives based on readily available site information and City's knowledge of the current site conditions. Key GSD and BSEED-EA staff attended the kickoff meeting with the Consultant. Based on on-going site construction activities that were already in progress, a slight change in SOW was discussed and agreed on with the City to advance soil borings where possible and to assess the current soil stockpiles and on-going grading and generation of additional soil stockpiles.

1.5 – Utility Clearance/GPR: (April 24, 2023)

Prior to on-site activities, MISS DIG was notified for utility locating/marketing. Atlas retained the services of a subcontractor to perform a private utility locate (PUL) and Ground Penetrating Radar/Electromagnetic (GPR/EM) survey to identify subsurface structures, existing utilities, existing

wells, and/or to aid in the placement of soil borings/monitor wells as necessary. Locations of utility meters, cleanouts, shut off boxes, surface cover saw cuts, etc. were noted to aid in identifying the locations of underground utilities. The locations of underground utilities identified by MISS DIG and the utility locating subcontractor were marked using color-coded spray paint on the ground surface in paved areas and color-coded flags on metal stakes in unpaved areas.

Underground utilities (electrical, gas, water, sewer, phone, etc.) were located and marked out prior to initiating any field activities. Overhead utilities (if present) were also identified and assessed as possible hazards. Atlas conducted a site walk with the general contractor to evaluate installed utilities at the site, and worked to determine if any soil boring locations needed to be relocated.

2 – DELINEATION OF SOIL/FILL MATERIAL CONTAMINATION AND STOCKPILE SAMPLING

2.1 – Property Survey Map (April 13, 2023, and July 11, 2023)

Atlas retained a surveyor licensed in the State of Michigan to conduct the site survey and prepare a base map of the Subject Property depicting all existing and relevant site features and property boundaries relative to the Detroit River. The base map was developed in AutoCAD format. The property boundaries were staked to provide visual identification of the park area during completion of the delineation field activities. Upon preparation of the base map, the surveyor established a 50-foot by 50-foot grid across the entire park area to be evaluated including the staked soil boring locations. The ground surface elevation was determined at each grid node. Upon completion of this task, the surveyor developed a detailed topographic map of the Subject Property using the most recent AutoCAD format with contour lines plotted at appropriate intervals. All property features were surveyed relative to the State Plane Coordinate System (NAD-83) and 1988 North American Vertical Datum to an accuracy of +/- 0.01 feet vertical and +/- 0.5 feet horizontal. *Atlas notes that due to on-site construction and as part of the on-site meeting, a revised SOW in regard to survey was discussed and agreed that all areas that are not under construction will be surveyed/gridded and marked for soil borings. Areas within storm water retention, former parking lot (graded area/cap), new building, and areas of stockpiled soil were not surveyed and staked as part of the current sampling.*

A total of 158 grid and boring locations (SB-1 through SB-123) were surveyed under this task on April 13, 2023, and secondary grid and boring locations (SB-124 through SB-158) on July 11, 2023 (secondary samples were completed under a separate mobilization due to on-going site construction).

2.2 – Soil Borings & Soil/Fill Material (April 24-27, 2023, and July 25, 2023)

Atlas retained a qualified drilling subcontractor to advance a series of soil borings at the Subject Property using direct-push techniques. A total of 158 Geoprobe® soil borings were advanced (during two separate mobilizations to the site due to on-going site construction) to a depth of approximately 4 feet below existing grade: one soil boring at each grid node on the established 50-foot by 50-foot grid. At each boring location, soil/ fill material samples were collected continuously with a five-foot macro core sampler, from ground surface to the bottom of each borehole. Survey grids and locations of soil borings may vary based on current on-site construction. Grids and boring locations were revised in the field based on current site conditions at the time of survey.

During drilling, soil/ fill material characteristics such as texture, composition, and moisture content, in addition to visual and olfactory observations were noted, described, and recorded onto soil boring log sheets. Soil samples were collected from each sampling interval and subjected to headspace testing using a portable photo-ionization detector (PID). The headspace testing was performed for safety and to screen soil/ fill material for the potential presence of VOCs. The PID readings were also recorded onto the boring log sheets.

To minimize the potential for cross contamination, all non-dedicated drilling and sampling tools and equipment were properly decontaminated before drilling and between sampling locations. All decontamination water was discharged on the ground at the appropriate sampling location.

Based on PID readings, visual/olfactory observations (i.e., visible staining, odors, etc.), 158 discrete soil/ fill material samples (from 158 soil borings, SB-1 through SB-158) and 12 duplicate soil/ fill

material samples were collected from the sampling interval 0-2 feet bsg for laboratory chemical analysis. In addition, a discrete soil/ fill material sample was also collected from the 2-4 feet bsg sampling interval at each boring location and placed on hold (PAH extraction included) for potential laboratory chemical analysis. Upon collection, the samples were transferred into laboratory supplied sample containers, chilled on ice, and transported, under strict chain-of-custody protocol, to Pace Analytical Services, LLC (Pace) in Grand Rapids, Michigan, for analysis. The samples collected from the 0-2-foot sampling interval were analyzed for the following COCs:

- PAHs using United States Environmental Protection Agency (U.S. EPA) Method 8270
- 10 Michigan Metals using U.S. EPA Method 6000/7000 Series
 - SB-1 through SB-18 were collected on April 24, 2023, received by Pace on April 25, 2023, and the results were reported on May 5, 2023.
 - SB-19 through SB-48 were collected on April 25, 2023, received by Pace on April 26, 2023, and the results were reported on May 9, 2023.
 - SB-49 through SB-86 were collected on April 26, 2023, received by Pace on April 27, 2023, and the results were reported on May 11, 2023.
 - SB-87 through SB-123 were collected on April 27, 2023, received by Pace on April 28, 2023, and the results were reported on May 12, 2023.
 - SB-124 through 158 were collected on July 25, 2023, received by Pace on July 27, 2023, and the results were reported on August 3, 2023.

Note, the samples from the 2-4-foot sampling interval were submitted to the laboratory and put on hold for potential laboratory analysis. Atlas provided a list of 77 sample locations from the 2-4' interval of the initial 123 soil borings based on laboratory analytical from the 0-2' sample data for submittal to the City prior to authorizing the laboratory to analyze the samples collected from this deeper sampling interval. *PAH (2-4') samples were extracted at the laboratory prior to totals results of the (0-2') samples due to hold times. PAH and specific metals were requested for analysis from the 2-4' interval based on specific COC exceedances at each 0-2' sample location.*

Upon completion of soil/ fill material sampling, all boreholes were properly abandoned by backfilling with excess soil cuttings and hydrated bentonite pellets.

Lithology

During the advancement of soil borings, the surface cover consisted of grass/topsoil, concrete, or playground top. Below the surface cover, the soils generally consisted of intermixed horizons of brown to dark gray, damp to saturated, clay with varying amounts of sand and silt; and horizons of fine to coarse grain sand with varying amounts of silt that continued to the bottom of the borings (maximum boring depth was five feet bsg). The soil horizons contained debris (e.g., brick, metal, and slag) at depths ranging from near grade to five feet bsg which indicates fill materials were placed in several areas of the site. Please refer to Attachment 4 for Soil Boring Logs.

2.3 – Soil Stockpile Sampling (May 10, 2023)

Stockpiles (three areas: North (N), South (S), and East (E)) were identified by Atlas upon arrival due to active on-site construction. Based on current staged/stockpiled samples on the site, Atlas evaluated and quantified soil volume and total areas of stockpiled soil from areas excavated/graded at the site during construction activities. All stockpiled soil was staged at the northwest corner of the site. Soil volumes changed daily as new soil was placed in this area. Atlas attempted to collect composite samples of all soil stockpiled in conjunction with the site assessment/soil boring drilling activities. The following sampling protocols applied to the stockpiled soil (for possible disposal or re-use on-site).

- Atlas collected one composite sample per 500 cubic yards (cy) (Atlas measured and marked out each approximate 500 cy sections in the field based on height/width/length of the stockpiles), or one composite sample from each stockpile of soil stockpile <500 cy.
- Each stockpile (500 cy volume) was divided into quadrants and three vertical levels. The quadrants/vertical levels were confirmed in the field based on size (but generally consisted of three vertical levels of approximately 0-5 feet, 5-10 feet, and 10-15 feet pending total height/width of each 500 cy quadrant).
- Three discrete samples were collected from each individual quadrant/level (12 discrete samples total per 500 cy) to be combined for one composite sample for laboratory analysis.

Atlas collected a total of eight composite stockpile samples as outlined in Atlas' workplan. Stockpile composite and duplicate samples were analyzed for the following COCs (upon request of BSEED/EA):

- Volatile Organic Compounds (VOCs) (EPA Method 5035/8260)
- Semi-Volatile Organic Compounds (SVOCs) (EPA Method 8270)
- Polychlorinated Biphenyls (PCBs) (EPA Method 8082)
 - SP (N) 1-6, SP (E) 1, and SP (N) 1 were collected on May 10, 2023, received by Pace on May 11, 2023, and the results were reported on May 25, 2023.
- 10 Michigan Metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc) (EPA Method 6010, 6020, 7471)

Note, all samples submitted to the laboratory for VOC analysis were preserved in the field using EGLE-approved methanol preservation protocols.

2.4 – Soil Gas Installation and Sampling (August 11 and 16, 2023)

On August 11, 2023, seven soil gas points (SG-01 through SG-07) were installed outside/surrounding the on-site recreation building in areas of grass/landscape. The soil gas points were installed to a final depth of 4-5 feet bsg using a Geoprobe® 7822DT. The soil gas point consisted of 3.5-4 feet of ¼-inch Teflon™ tubing connected to a six-inch long stainless-steel soil gas implant set at approximately 4-4.5 feet bsg. The soil gas point was fitted with a locking cap and a flush-mounted protective manhole cover. The location of soil gas points is shown on all Figures and Soil Gas Analytical Results on Figure 3.3.

On August 16, 2023, seven soil gas samples were collected from soil gas points SG-01 through SG-07 with final collection using a laboratory-provided sorbent tube container. The soil gas samples were collected using techniques outlined in the EGLE document “*Guidance Document for the Vapor Intrusion Pathway*” and in the laboratory provided Vapor Tube Sampling Procedures (included as Attachment 7). The samples were collected using a constructed pathway between the vapor pin point and the Vapor Tube (sorbent tube). The pathway was created using plastic and Tygon® tubing, as well as plastic stopcocks allowing for the control of flow direction supplied by the laboratory.

Before the soil gas sampling was started, two separate quality assurance/quality control (QA/QC) tests were conducted, the first being a helium shroud test. The helium shroud test uses a large plastic hood to cover the sample train and connections between the vapor pin and the vapor tube. A tracer gas (high-grade helium) is then injected beneath the plastic hood; a grab sample of the air from the tubing located beneath the helium hood is then collected and checked for the presence of helium in the field using a helium detector, thus indicating if a leak is present.

The second test used is known as a shut-in test. This test involves the extraction of air from the sample lines that creates a vacuum measured using a mercury (Hg) vacuum gauge to test the tightness of the compression fittings on the sample train. Valves to the vapor pin and the vapor tube are shut and air is extracted from the sampling lines, inducing a vacuum. When all external valves are closed, the vacuum within the sample train should remain steady for at least one minute. The loss of vacuum pressure while performing the shut-in test indicates a leak and that the fittings need to be adjusted until the sample train can hold a steady vacuum pressure.

Field Blank and Field Spikes were collected prior to sample collection. All equipment was calibrated prior to each sample collection per the laboratory supplied Vapor Tube Sampling Procedures (Attachment 7).

Once both QA/QC tests were successfully completed, QA/QC samples collected and equipment calibrated, soil gas samples were collected as outlined by laboratory. All samples were collected for a minimum of 10 minutes at 0.2 L/min. The soil gas samples collected on August 16, 2023, were dropped off at Fibertec Environmental (Brighton office) and then transported to Fibertec Laboratory in Holt, MI, for analysis.

Atlas collected a total of seven (7) soil gas samples as discussed with City of Detroit C&DD and BSEED. Soil gas samples were analyzed for the following COCs (upon request of BSEED/EA):

- Polycyclic Aromatic Hydrocarbons (PAHs) (National Institute of Occupational Safety & Health [NIOSH] 5515/TO-13A Modified for PAH analysis in soil gas). Notice of approval of analysis by EGLE included with laboratory report.
- Mercury (Hg) (NIOSH 6009 Modified / 6009M method for mercury analysis in soil gas). Notice of approval of analysis by EGLE included with laboratory report.
 - Soil gas samples (SG-1 through SG-7) were collected on August 16, 2023, received by Fibertec on August 17, 2023, and the results were reported on August 22, 2023.

3 - SUMMARY OF LABORATORY ANALYTICAL RESULTS

Soil Samples

Soil samples were analyzed for Michigan 10 metals and PAHs. Soil boring samples were collected from across the site, with the exception of the paved areas, building, beneath stockpiles, bioswale and utility trenches. Results are provided in the Tables included in Attachment 2. Contamination and exceedances of Part 201 Criteria, including Residential and Nonresidential Direct Contact Criteria (DCC); Residential Volatilization to Indoor Air Pathway (VIAP) Screening Levels (SLs), Drinking Water Protection Criteria (DWC) and Groundwater Surface Water Interface Protection (GSIP) Criteria, occur across the subject property with no particular pattern. However, there is limited groundwater in some fill areas and with the lack of groundwater across the site and sheet piling/sea wall between the site and the Detroit River; the GSIP pathway is complete but with low risk due to the above evaluation. The site is serviced by municipal water supply and City of Detroit does not allow installation of wells for potable use/no groundwater wells present at the site, therefore the DW pathway is incomplete. Soil results are provided on the Figures included in Attachment 1. Further discussion regarding the applicable exposure pathways and results is provided below in Sections 4, 5, and 6.

Stockpiled Soils

Stockpiled soils were sampled for MI 10 metals, PAHs, SVOCs, and PCBs. Metals and PAHs were detected at concentrations exceeding one or more of the Part 201 Criteria in all three stockpiles. PCBs were detected at low levels, below the residential DCC, in four of the stockpile soil samples. SVOCs (excluding the PAHs) were not detected in any of the stockpile soil samples. Further discussion regarding the applicable exposure pathways and results is provided below in Sections 4, 5, and 6.

Soil Gas Points

Soil gas was sampled at seven locations and were sampled for PAHs and mercury as these were present in soil above the VIAP levels. Mercury and PAHs were below laboratory detection limits at all locations. Further discussion regarding the applicable exposure pathways and results is provided below in Sections 4, 5, and 6.

4 - EXPOSURE PATHWAY EVALUATION

The analysis of potential exposure pathways and the resulting due care obligations shall always be based on current site conditions.

The following table summarizes the potential exposure pathways and identifies if the exposure is complete.

TABLE 1 - EXPOSURE PATHWAY EVALUATION

Exposure Pathway	Current Property Conditions	Explanation
Drinking Water Pathway	A person could be exposed to contaminated groundwater through ingestion. <i>No groundwater wells were observed at the Subject Property. Current and Future use will be municipal supplied drinking water.</i>	INCOMPLETE: Drinking Water is supplied by municipal system.
Direct Contact Pathway	A person can come in contact with contaminated soils on the Subject Property (walking, playing, or working on surficial soils with or without vegetation; below surface construction or utility activities; trespassing.)	COMPLETE: Direct Contact to soil may occur at the Subject Property.
Soil Particulate Inhalation Pathway	A person can inhale ambient air particles from substances present in soil (with or without vegetation) via wind erosion of contaminated soils and vehicle traffic.	COMPLETE: Soil Particulate Inhalation from soil may occur at the Subject Property.
Soil Volatilization to Ambient Air Pathway	A person can inhale ambient air that contains vapors from volatile substances present in soil.	COMPLETE: Soil Volatilization to Ambient Air may occur at the Subject Property.
Volatilization to Indoor Air Pathway	A person may inhale substances in indoor air from volatile substances present in soil or groundwater that may volatilize into buildings present on the property.	COMPLETE: Soil Volatilization to Indoor Air may occur at the Subject Property.
Groundwater-Surface Water Interface Pathway	A person can come in contact with surface water on the property where groundwater is venting to the surface water with contamination that would present human exposure concerns. <i>The Detroit River is adjacent to the southern Property Line.**As of the date of this report Atlas does not have specifications from the City on the construction of on-site utilities/storm water system.</i>	COMPLETE: Groundwater was encountered during Atlas's Phase II investigation. However, there is limited groundwater in some fill areas and with the lack of groundwater across the site and sheet piling/sea wall between the site and the Detroit River; the GSIP risk to receptors is not present.

5 – ASSESSMENT OF APPLICABILITY OF PART 201 GENERIC CLEANUP CRITERIA

Atlas performed an assessment of applicability of Part 201 Generic Cleanup Criteria to determine if exposure pathways identified as complete in Section 4 above require any response activities or corrective actions for due care. The following documents were utilized for the assessment of applicability.

- Checklist for Determining if the Generic Volatilization to Indoor Air Inhalation Criteria Apply (Appendix C.1 of EGLE, Guidance Document for the Vapor Intrusion Pathway), dated May 2013; updated April 23, 2021.
- Checklist for Determining if the Volatilization to Indoor Air Pathway Screening Levels Apply (Appendix C.7 of EGLE, Guidance Document for the Vapor Intrusion Pathway), dated May 2013; updated April 23, 2021.

Based on the intended use of the Subject Property (public recreation building and public park) the Residential Part 201 Residential GCC were utilized. The Soil Volatilization to Indoor Air Inhalation criteria are applicable as significant fill material has been identified across the site, and significant preferential pathways exist (utility corridors installed across the northern portion of the property and extending to the newly constructed building on-site). Regarding the Volatilization to Indoor Air Pathway (VIAP) evaluation for purposes of this assessment, Atlas has utilized the Residential VIAP SLs to assess risks and due care obligations. A request for site-specific volatilization to indoor air criteria (VIAC) has not been submitted to the EGLE at this time; however, the City of Detroit will submit a request to EGLE, if deemed necessary.

6 – MAXIMUM DETECTED CONCENTRATIONS & RISK/PATHWAY ASSESSMENT

As noted in Table 1: Exposure Pathway Evaluation found in Section 4 above, the direct contact pathway, soil particulate inhalation pathway, soil volatilization to ambient air, soil volatilization to indoor air pathway, and groundwater-surface water interface pathways are considered complete for the Subject Property.

The following contaminants were identified at a maximum concentration that exceeds the applicable Generic Residential or Nonresidential Part 201 criteria:

The following soil contaminants of concern (COCs) have been identified at the Site as part of the previous site assessment activities:

Contaminant	Maximum Concentration (µg/kg)	Location of Maximum Concentration	Part 201 Residential or Non-Residential GCC / DCC / VIAP
Soil Boring Samples			
Arsenic	100,000	SB-10 (0-2)	Residential DCC Nonresidential DCC
Cadmium	1,100,000	SB-58 (0-2)	Residential DCC
Lead	10,500,000	SB-158 (0-2)	Residential DCC Nonresidential DCC
Mercury	7,150	SB-118 (0-2)	Residential VIAP
Benzo(a)anthracene	61,200	SB-96 (0-2)	Residential DCC
Benzo(a)pyrene	43,500	SB-96 (0-2)	Residential DCC Nonresidential DCC
Benzo(b)fluoranthene	58,500	SB-96 (0-2)	Residential DCC
Dibenz(a,h)anthracene	8,420	SB-96 (0-2)	Residential DCC Nonresidential DCC
Indeno(1,2,3-cd)pyrene	24,900	SB-96 (0-2)	Residential DCC
Naphthalene	1,950	SB-33 (2-4)	Residential VIAP
Phenanthrene	69,500	SB-96 (0-2)	Residential VIAP
Stockpile Samples			
Arsenic	10,300	SP (N) -6	Residential DCC
Lead	434,000	SP (N)-6	Residential DCC
Mercury	752	SP (N)-1	Residential VIAP
Benzo(a)pyrene	6,400	SP (N)-6	Residential DCC
Naphthalene	408	SP (N)-6	Residential VIAP
Phenanthrene	13,900	SP (N)-6	Residential VIAP

Notes: Only analytes for which one or more of the Part 201 Criteria are exceeded are included.
All data presented in units of micrograms per kilogram (µg/kg).

The following sections summarize the complete exposure pathways and evaluation of site data, risks and receptors.

6.1 – Direct Contact Pathway

A person can come in contact with contaminated soils on the Subject Property (walking, playing, or working on surficial soils with or without vegetation; below surface construction or utility activities; trespassing.) Based on the current soil analytical results, concentrations of arsenic, cadmium, lead, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene are detected in soil above applicable Part 201 Residential GCC for Direct Contact. Atlas notes that delineation of the extent and distribution of these COCs in the soil from the historical fill at the Subject Property is not fully complete. Refer to Attachment 1, Figures for location of exceedances and estimated extent of impact. *This complete pathway is an unacceptable exposure and therefore response activities are required.*

Soil samples

Arsenic was detected at a maximum concentration of 100,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$) in sample SB-10 (2-4). This concentration exceeds both the residential DCC of 7,600 $\mu\text{g}/\text{kg}$ and the nonresidential DCC of 37,000 $\mu\text{g}/\text{kg}$.

Cadmium was detected at a maximum concentration of 1,100,000 $\mu\text{g}/\text{kg}$ in sample SB-58 (0-2). This concentration exceeds the residential DCC of 550,000 $\mu\text{g}/\text{kg}$.

Lead was detected at a maximum concentration of 10,500,000 $\mu\text{g}/\text{kg}$ in sample SB-158 (0-2). This concentration exceeds both the residential DCC of 400,000 and the nonresidential DCC of 900,000 $\mu\text{g}/\text{kg}$.

Benzo(a)anthracene was detected at a maximum concentration of 61,200 $\mu\text{g}/\text{kg}$ in sample SB-96 (0-2). This concentration exceeds the residential DCC of 20,000 $\mu\text{g}/\text{kg}$.

Benzo(a)pyrene was detected at a maximum concentration of 43,500 $\mu\text{g}/\text{kg}$ in sample SB-96 (0-2). This concentration exceeds the residential DCC of 2,000 $\mu\text{g}/\text{kg}$ and the nonresidential DCC of 8,000 $\mu\text{g}/\text{kg}$.

Benzo(b)fluoranthene was detected at a maximum concentration of 58,500 $\mu\text{g}/\text{kg}$ in sample SB-96 (0-2). This concentration exceeds the residential DCC of 20,000 $\mu\text{g}/\text{kg}$.

Dibenz(a,h)anthracene was detected at a maximum concentration of 8,420 $\mu\text{g}/\text{kg}$ in sample SB-96 (0-2). This concentration exceeds the residential DCC of 2,000 $\mu\text{g}/\text{kg}$ and the nonresidential DCC of 8,000 $\mu\text{g}/\text{kg}$.

Indeno(1,2,3-cd)pyrene was detected at a maximum concentration of 24,900 $\mu\text{g}/\text{kg}$ in sample SB-96 (0-2). This concentration exceeds the residential DCC of 20,000 $\mu\text{g}/\text{kg}$.

Stockpile samples

Arsenic was detected at a maximum concentration of 10,300 µg/kg in sample SP (N)-6. This concentration exceeds the residential DCC of 7,600 µg/kg.

Lead was detected at a maximum concentration of 434,000 µg/kg in sample SP (N)-6. This concentration exceeds the residential DCC of 400,000 µg/kg.

Benzo(a)pyrene was detected at a maximum concentration of 6,400 µg/kg in sample SP (N)-6. This concentration exceeds the residential DCC of 2,000 µg/kg.

6.2 – Soil Particulate Inhalation Pathway

A person can inhale ambient air particles from substances present in soil (with or without vegetation) via wind erosion of contaminated soils and vehicle traffic. Based on the soil analytical results, contamination was not detected above applicable Part 201 Soil Particulate inhalation Pathway criteria in either soil or stockpile samples. *This complete pathway is not an unacceptable exposure and therefore no response activities are required.*

6.3 – Soil Volatilization to Ambient Air Pathway

A person can inhale ambient air that contains vapors from volatile substances present in soil. Based on the soil analytical results, contamination was not detected above applicable Part 201 Soil Volatilization to Ambient Air Pathway criteria in either soil or stockpile samples. The contaminants identified are not likely to volatilize at concentrations which would be a concern to the ambient air. *This complete pathway is not an unacceptable exposure and therefore no response activities are required.*

6.4 – Volatilization to Indoor Air Pathway

A person may inhale substances in indoor air from volatile substances present in soil or groundwater that may volatilize into buildings present on the property. Based on the soil analytical results, mercury and PAH contamination was detected above applicable VIAP screening levels, as discussed further below. *This complete pathway is an unacceptable exposure and therefore additional response activities are required.*

Soil Samples

Mercury was detected at a maximum concentration of 7,150 µg/kg at SB-118 (0-2). This concentration exceeds the residential VIAP screening level for mercury of 50 µg/kg (set at the target detection limit).

Naphthalene was detected at a maximum concentration of 4,000 µg/kg at SB-112 (2-4). This concentration exceeds the residential VIAP screening level for naphthalene of 330 µg/kg (set at the target detection limit).

Phenanthrene was detected at a maximum concentration of 69,500 at SB-96 (0-2). This concentration exceeds the residential VIAP screening level of 1,700 µg/kg.

Stockpile Samples

Mercury was detected at a maximum concentration of 752 µg/kg in SP (N)-1. This concentration exceeds the residential VIAP screening level for mercury of 50 µg/kg (set at the target detection limit).

Naphthalene was detected at a maximum concentration of 408 µg/kg at SP (N)-6. This concentration exceeds the residential VIAP screening level for naphthalene of 330 µg/kg (set at the target detection limit).

Soil Gas Samples

PAHs and mercury soil gas laboratory analytical results were below all laboratory method detection limits for laboratory analyte list. One round of soil gas samples were collected.

6.5 – Groundwater-Surface Water Interface Pathway

A person may come in contact with surface water where groundwater is venting to the surface water with contaminants that would present human exposure concerns (e.g. pH exceedances). There is no surface water body on the Subject Property; however, there is limited groundwater in some fill areas and with the lack of groundwater across the site and sheet piling/sea wall between the site and the Detroit River; the GSIP risk is not present. Based on the soil analytical results, contamination was detected above applicable Part 201 Residential GCC. *This complete pathway is not an unacceptable exposure as a sheet pile/sea wall exists at the site, limited groundwater was observed, any newly constructed storm structures will be sealed and/or retained on-site; therefore, no response activities are required.*

7 – SUMMARY OF LABORATORY ANALYTICAL RESULTS

** Summary of Laboratory Analytical Results and Data Presentation are included in Tables and Figures (Attachments)

Metals

Arsenic:

- Exceeded Residential DCC at 148 locations.
- Exceeded Non-Residential DCC at one location.

Cadmium:

- Exceeded Residential DCC at one location

Lead:

- Exceeded Residential DCC at 37 locations.
- Exceeded Non-Residential DCC at 17 locations.

Cadmium:

- Exceeded Residential DCC at one location.

Mercury:

- Exceeded Residential Volatilization to Indoor Air Pathway Levels at 114 locations.
- Soil Gas Samples were below all laboratory detection limits at all seven soil gas point locations.

PAHs:

- Exceeded Residential DCC for one or more PAH compounds at 37 locations.
- Exceeded Non-Residential DCC at four locations (one location exceeds for benzo(a)pyrene and dibenz(a,h)anthracene).
- Exceeded Residential VIAP screening levels at 59 locations.
- Soil Gas Samples were below all laboratory detection limits at all seven soil gas point locations.

Stock Pile (SP) Samples:

- SP (E) Exceeded VIAP screening levels for mercury.
- SP (N) Exceeded Residential DCC for arsenic and lead as well as VIAP screening levels for mercury.
- SP (S) Exceeded Residential DC for arsenic and VIAP screening levels for mercury.

8 – PROPOSED ACTIVITIES AND RECOMMENDATIONS

Atlas recommends the following response activities to address unacceptable exposures during planned C&DD activities at the Subject Property.

- Atlas will propose locations to collect composite samples for Toxicity Characteristic Leaching Procedure (TCLP) analysis in preparation for future soil disposal/waste characterization. This scope of work will be included in the Due Care Evaluation submitted under separate cover. Atlas will submit six to 15 composite soil/ fill materials samples to be analyzed for TCLP for one or more of the following COCs: VOCs, SVOCs, and/or Michigan 10 Metals as well as total PCBs using U.S. EPA-approved methods. Atlas will review and request the laboratory to analyze a minimum of six to 15 samples/composite from locations with the highest metals and PAH concentrations across the site from the 0-2' interval as this is most likely the soil that may be removed as part of remedial/due care obligations. ***Note: Atlas and Pace recommend analyzing the samples for TCLP for Resource Conservation and Recovery Act (RCRA) 8 Metals as that is a common request for disposal facilities. This task may be revised pending discussion with disposal location (landfill) to ensure proper characterization is completed prior to site remediation and soil disposal.*
- Provide site workers notice of on-site impacts and implement procedures as part of overall health and safety to be protective of all site workers.
- The Property (outside of the existing parking/paved surfaces and immediate area of the current Rec center building) should be accessible only to authorized contractors, consultants, agents or employees of the City of Detroit. Access restrictions should include secure 6-foot-high fencing and/or locked gated access with proper signage restricting access to all other areas of the site until site remedial activities are completed.
- Maintain all soil and groundwater on the site. Avoid transportation/re-location of soil from one area of the site to another.
- Removal and proper disposal at a type II landfill of current on-site soil stockpiles. As of July 25, 2023, only one stockpile (SP-N) is still present at the site.
- Removal of soil adhered to demolition debris, site equipment and trucks prior to transporting off-site (cleaning tires/tracks, gravel or other tracking mat, decontamination methods).
- Mitigate dust/debris from becoming airborne by utilizing standard wet methods to minimize dust during demolition, site construction and excavation/grading activities.
- Atlas recommends C&DD remove the top two feet of existing soil (in areas that are not currently capped or will be capped) and provide a protective/demarcation barrier and clean backfill (18 inches of clean fill with six inches of topsoil) to minimize direct contact exposure.
- Atlas will require additional discussion with the City regarding areas that have already been developed (parking areas, landscaped areas, utility installations and area of building) that will not be subject to the engineering barrier/cap as part of due care obligations and exposure barrier.

- Areas of the existing park space with trees should be removed (per discussion with BSEED) in order to complete the exposure barrier across the site. Areas where landscaping of new tree/shrub, installation is proposed, will need to be addressed as part of the Due Care Evaluation and plan for the barrier as additional soil may need to be removed in those areas.
- The distribution of metals in the plant tissues can be variable based on the tree species. Generally speaking, the accumulation of heavy metals tends to occur in the aboveground portions (branches and leaves), although elevated concentrations may also be observed in the root systems. The extent of bioconcentration is also variable but can be up to ~ 100x the soil concentration. Grinding the branches/trunk (as possible), stump and roots is certainly an option; however, Atlas would suggest that some sampling and analysis be performed to confirm that the grindings do not contain metals at concentrations in excess of TCLP limits. As for the disposal or reuse of grindings, the analytical results could be used as the basis for making the determination. A conservative approach would be the disposal of all tree/root debris at a Type II landfill. If reused onsite (or offsite) as mulch or for use in composting, Atlas suggests analysis for total metals to determine how the concentrations compare to direct contact criteria at the site.
- Prepare and submit a Due Care Evaluation with recommendations regarding site remedial activities/due care obligations in response to the shallow soils impacted with metals and PAHs.

Attachment 1 – Figures



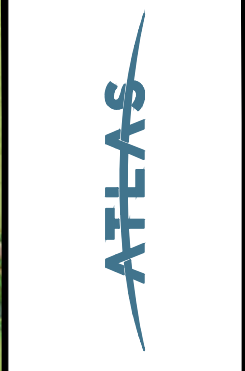
HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244\METALS1.DWG, FIG1.1



LEGEND:

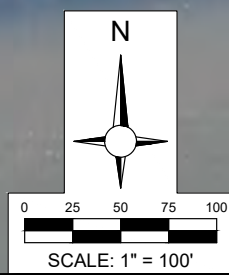
- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- FENCE
- OHE--- OVERHEAD ELECTRICAL
- G---G--- GAS LINE
- E---E--- ELECTRICAL UNDERGROUND
- F---F--- FIBER OPTIC
- W---W--- WATER LINE
- ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- METALS EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- METALS EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**METALS SOIL RESULTS - 0-2 FEET INTERVAL
DIRECT CONTACT EXCEEDANCES**
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 1.1	



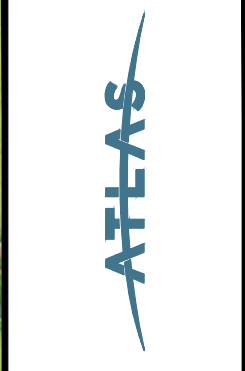
HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244\METALS1.2.DWG, FIG1.2



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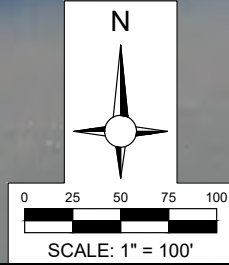
- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- x-x- FENCE
- OHE- OVERHEAD ELECTRICAL
- G-G- GAS LINE
- E-E- ELECTRICAL UNDERGROUND
- F-F- FIBER OPTIC
- W-W- WATER LINE
- ▨▨▨▨ ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- METALS EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- METALS EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**METALS SOIL RESULTS - 2-4 FEET INTERVAL
DIRECT CONTACT EXCEEDANCES**
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 1.2	



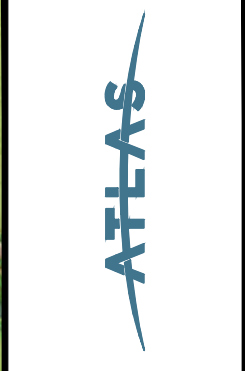
HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244\METALS1.3.DWG, FIG1.3



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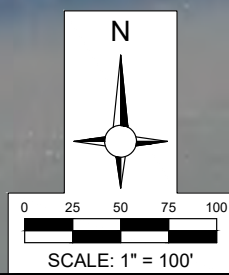
- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- x-x- FENCE
- OHE- OVERHEAD ELECTRICAL
- G-G- GAS LINE
- E-E- ELECTRICAL UNDERGROUND
- F-F- FIBER OPTIC
- W-W- WATER LINE
- ▨▨▨▨ ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- METALS EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- METALS EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**METALS SOIL RESULTS - 2022 GP BORINGS
DIRECT CONTACT EXCEEDANCES**
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 1.3	



HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244\METALS\1.4.DWG, FIG.1.4



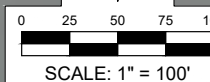
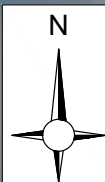
**METALS (MERCURY) SOIL RESULTS
VIAP EXCEEDANCES**

CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number:
188BS23244
Date:
08/18/2023
Drn. By:
DH
Scale:
AS SHOWN

Figure:

1.4



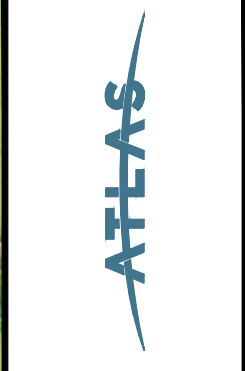
HY202311 OTHER OFFICES MICHIGAN CITY OF DETROIT 188BS23244-PAH2.1.DWG, FIG. 2.1



LEGEND:

- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- FENCE
- OHE--- OVERHEAD ELECTRICAL
- G---G--- GAS LINE
- E---E--- ELECTRICAL UNDERGROUND
- F---F--- FIBER OPTIC
- W---W--- WATER LINE
- ELECTRIC METERS
- F FIRE HYDRANT
- L LIGHT POLE
- P UTILITY POLE
- CB CATCH BASIN
- RT RADAR TOWER
- CB CATCH BASIN
- PAHs EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- PAHs EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



PAHs SOIL RESULTS - 0-2 FEET INTERVAL
DIRECT CONTACT EXCEEDANCES
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Dwn. By: DH	Ckd. By: JS
Scale: AS SHOWN	

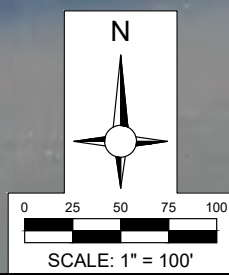


Figure:
2.1

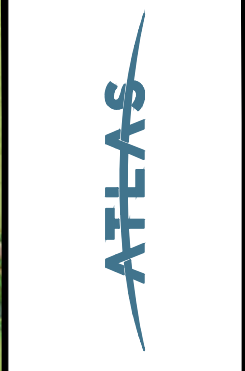
HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244-PAH2.2.DWG, FIG.2.2



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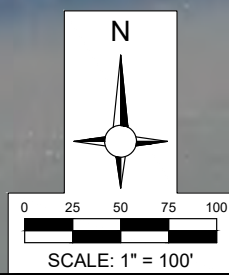
- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- x-x- FENCE
- OHE- OVERHEAD ELECTRICAL
- G-G- GAS LINE
- E-E- ELECTRICAL UNDERGROUND
- F-F- FIBER OPTIC
- W-W- WATER LINE
- ▨▨▨▨ ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- PAHs EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- PAHs EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



PAHs SOIL RESULTS - 2-4 FEET INTERVAL
DIRECT CONTACT EXCEEDANCES
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 2.2	



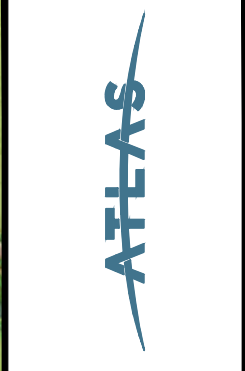
HY202311 OTHER OFFICES MICHIGAN CITY OF DETROIT 188BS23244-PAHZ.3.DWG, FIG.2.3



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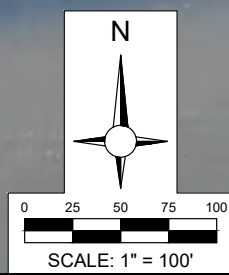
- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- FENCE
- OHE--- OVERHEAD ELECTRICAL
- G---G--- GAS LINE
- E---E--- ELECTRICAL UNDERGROUND
- F---F--- FIBER OPTIC
- W---W--- WATER LINE
- ▨▨▨▨ ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- PAHs EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**PAHs SOIL RESULTS - 2022 GP BORINGS
DIRECT CONTACT EXCEEDANCES**
CITY OF DETROIT 100 LENOX STREET DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 2.3	



HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244-PAHZ.4.DWG, FIG.2.4



LEGEND:

- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- FENCE
- OHE OVERHEAD ELECTRICAL
- G GAS LINE
- E ELECTRICAL UNDERGROUND
- F FIBER OPTIC
- W WATER LINE
- /// ELECTRIC METERS
- ⊕ FIRE HYDRANT
- ⊙ LIGHT POLE
- ⊙ UTILITY POLE
- ⊙ CATCH BASIN
- ⊙ RADAR TOWER
- ⊙ CATCH BASIN
- PAHs EXCEEDING VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP)

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**PAHs SOIL RESULTS
VIAP EXCEEDANCES**
CITY OF DETROIT\100 LENOX STREET\DETROIT, WAYNE COUNTY,
MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	

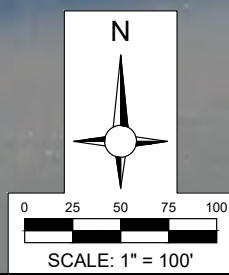


Figure:
2.4

HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244.DCE.OVER.DWG. FIG.3.1



LEGEND:

- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- FENCE
- OHE--- OVERHEAD ELECTRICAL
- G---G--- GAS LINE
- E---E--- ELECTRICAL UNDERGROUND
- F---F--- FIBER OPTIC
- W---W--- WATER LINE
- ELECTRIC METERS
- (F) FIRE HYDRANT
- (L) LIGHT POLE
- (P) UTILITY POLE
- (CB) CATCH BASIN
- (RT) RADAR TOWER
- (CB) CATCH BASIN
- PAHs AND/OR METALS EXCEEDING RESIDENTIAL DIRECT CONTACT CRITERIA
- PAHs AND/OR METALS EXCEEDING NONRESIDENTIAL DIRECT CONTACT CRITERIA

NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.



**SOIL ANALYTICAL RESULTS SUMMARY
DIRECT CONTACT EXCEEDANCES**
CITY OF DETROIT
100 LENOX STREET
DETROIT, WAYNE COUNTY, MICHIGAN

Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	

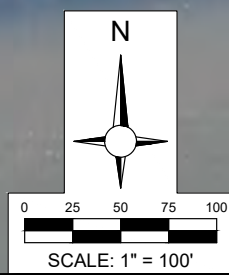


Figure: **3.1**

HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244-VIAP.DWG, FIG.2



LEGEND:

- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- X X FENCE
- OHE OVERHEAD ELECTRICAL
- G G GAS LINE
- E E ELECTRICAL UNDERGROUND
- F F FIBER OPTIC
- W W WATER LINE
- ▨ ELECTRIC METERS
- ⊕ FIRE HYDRANT
- ⊙ LIGHT POLE
- ⊙ UTILITY POLE
- ⊙ CATCH BASIN
- ⊙ RADAR TOWER
- ⊙ CATCH BASIN
- METALS EXCEEDING RESIDENTIAL VOLATILIZATION TO INDOOR AIR PATH WAY (VIAP)

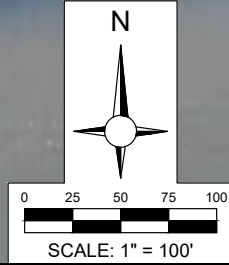
NOTE:
SURVEY WAS PERFORMED BY CORE LAND CONSULTING,
APRIL 10-13, 2023.

**METALS (MERCURY) SOIL ANALYTICAL RESULTS
SUMMARY - VIAP EXCEEDANCES**



Project Number: 188BS23244	
Date: 08/18/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 3.2	

CITY OF DETROIT
100 LENOX STREET
DETROIT, WAYNE COUNTY, MICHIGAN



HY202311 OTHER OFFICES\MICHIGAN\CITY OF DETROIT\188BS23244-SG.DWG, FIG.3.3

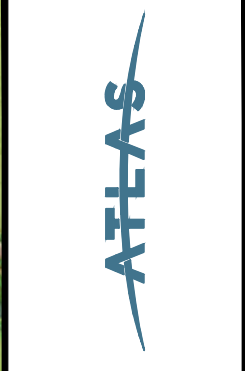


LEGEND:

- SG-1 SOIL GAS MONITORING POINT
Point Identification
- SB-1 SOIL BORING
Boring Identification
- GP-1 PREVIOUS SOIL BORING
Boring Identification
- SP-N STOCKPILE LOCATION
Pile Identification
- SITE PROPERTY LINE
- PARCEL LINE
- X X FENCE
- OHE OVERHEAD ELECTRICAL
- G G GAS LINE
- E E ELECTRICAL UNDERGROUND
- F F FIBER OPTIC
- W W WATER LINE
- /// ELECTRIC METERS
- ⊕ FIRE HYDRANT
- ⊙ LIGHT POLE
- ⊙ UTILITY POLE
- ⊙ CATCH BASIN
- ⊙ RADAR TOWER
- ⊙ CATCH BASIN

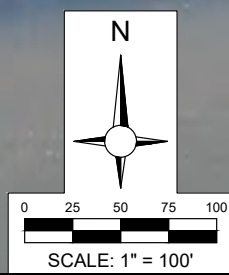
Sample ID	
Sample Date	Sample Depth (ft.)
8/5/2023	4'
Hg	ND
PNAs	ND

NOTE:
 SURVEY WAS PERFORMED BY CORE LAND CONSULTING, APRIL 10-13, 2023.
 SOIL GAS RESULTS ARE MEASURED IN MICROGRAMS PER CUBIC METER (µg/m³).
 SOIL GAS RESULTS WERE BELOW LABORATORY DETECTION LIMITS.
 ND = NOT DETECTED.



**SOIL GAS ANALYTICAL RESULTS SUMMARY
 (MERCURY AND PAHs)
 CITY OF DETROIT
 100 LENOX STREET
 DETROIT, WAYNE COUNTY, MICHIGAN**

Project Number: 188BS23244	
Date: 08/29/2023	
Drn. By: DH	Ckd. By: JS
Scale: AS SHOWN	
Figure: 3.3	



Attachment 2 – Tables



**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 1- SOIL ANALYTICAL SUMMARY		Michigan 10 Metals										
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening Levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.		Arsenic	Barium (B)	Cadmium (B)	Chromium (Total) (P+H)	Copper (B)	Lead (B)	Mercury (Total) (P-Z)	Manganese (B)	Nickel (B)	Zinc (B)	
		CAS Number	7440382	7440393	7440439	7440473	7440508	7439921	7439976	7782492	7440224	7440666
Statewide Default Background Levels (µg/kg)		5,800	75,000	1,200	18,000	32,000	21,000	130	410	1,000	47,000	
Residential Volatilization to Indoor Air Pathway (µg/kg)		NA	NA	NA	NA	NA	NA	50 (M) 22	NA	NA	NA	
Residential Direct Contact Criteria (µg/kg)		7,600	3.7E+07	550,000	7.9E+08	2.0E+07	400,000	160,000	2.6E+06	2.5E+06	1.7E+08	
Nonresidential Direct Contact Criteria (µg/kg)		37,000	1.3E+08	2,200,000	1.0E+09	7.3E+07	900,000	580,000	9.6E+06	9.0E+06	6.3E+08	
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in µg/kg									
SB-40 (0.2)	0.2 ft	4/25/2023	8,540	96,500	924	44,700	55,800	131,000	221	3,490	112	154,000
SB-41 (0.2)	0.2 ft	4/25/2023	6,720	101,000	779	15,100	48,700	96,700	ND	3,400	87.5	118,000
SB-42 (0.2)	0.2 ft	4/25/2023	11,200	73,800	496	19,600	28,500	61,600	ND	2,170	96.1	109,000
SB-42 (2.4)	2.4 ft	4/25/2023	13,700	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-43 (0.2)	0.2 ft	4/25/2023	5,930	50,700	418	10,900	14,800	28,200	ND	3,040	ND	54,800
SB-44 (0.2)	0.2 ft	4/25/2023	7,050	46,400	241	12,000	13,400	14,500	ND	2,980	ND	76,800
SB-45 (0.2)	0.2 ft	4/25/2023	3,050	19,700	129	8,880	7,110	9,810	ND	1,540	ND	26,800
SB-46 (0.2)	0.2 ft	4/25/2023	7,890	467,000	981	16,600	126,000	175,000	358	3,110	105	314,000
SB-46 (2.4)	2.4 ft	4/25/2023	10,800	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-47 (0.2)	0.2 ft	4/25/2023	5,490	82,200	798	50,300	36,000	114,000	ND	2,710	73.4	114,000
SB-48 (0.2)	0.2 ft	4/25/2023	6,110	70,200	1,030	16,700	40,300	167,000	ND	2,010	127	120,000
SB-49 (0.2)	0.2 ft	4/26/2023	1,540	11,500	70.1	4,890	3,170	2,820	ND	345.1	11.6	9,800
SB-50 (0.2)	0.2 ft	4/26/2023	6,140	92,000	465	12,600	91,400	104,000	89.5J	492J	55.3J	177,000
SB-51 (0.2)	0.2 ft	4/26/2023	3,490	45,700	92.9	9,160	26,200	40,900	ND	370J	17.9J	58,000
SB-52 (0.2)	0.2 ft	4/26/2023	5,510	127,000	1,730	20,600	57,600	105,000	295	842	121	141,000
SB-53 (0.2)	0.2 ft	4/26/2023	5,220	128,000	2,010	251,000	467,000	141,000	64.8J	703	142.0	222,000
SB-54 (0.2)	0.2 ft	4/26/2023	7,320	134,000	690	19,800	61,800	110,000	140J	845	99.0	162,000
SB-55 (0.2)	0.2 ft	4/26/2023	7,100	76,400	46.9J	20,200	20,400	14,300	ND	874	58.4	54,000
SB-56 (0.2)	0.2 ft	4/26/2023	6,060	115,000	324	25,400	15,900	18,800	80.7J	1,270	72.8	61,900
SB-57 (0.2)	0.2 ft	4/26/2023	7,680	136,000	2,970	19,200	52,900	212,000	164J	904	93.3	159,000
SB-57 (2.4)	2.4 ft	4/26/2023	6,910	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-58 (0.2)	0.2 ft	4/26/2023	36,200	3,790,000	1,100,000	153,000	3,240,000	10,000,000	829	1,490	2,060	5,490,000
SB-58 (2.4)	2.4 ft	4/26/2023	8,670	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-59 (0.2)	0.2 ft	4/26/2023	7,750	112,000	351	17,800	26,200	86,400	122J	1,040J	65.2	91,300
SB-59 (2.4)	2.4 ft	4/26/2023	11,600	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-60 (0.2)	0.2 ft	4/26/2023	7,040	120,000	507	19,900	16,000	82,200	85.3J	1,370	105.0	93,200
SB-61 (0.2)	0.2 ft	4/26/2023	7,290	118,000	177	26,500	28,100	48,100	199J	1,310	86.7	78,500
SB-62 (0.2)	0.2 ft	4/26/2023	7,840	82,500	356	17,900	23,000	52,600	128J	876	97.0	75,500
SB-62 (2.4)	2.4 ft	4/26/2023	9,080	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-63 (0.2)	0.2 ft	4/26/2023	8,850	78,500	210	20,600	23,600	21,200	31.5J	1,150	62.9	61,700
SB-63 (2.4)	2.4 ft	4/26/2023	9,360	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-64 (0.2)	0.2 ft	4/26/2023	7,660	144,000	661	18,400	41,700	87,500	202J	813	173.0	118,000
SB-64 (2.4)	2.4 ft	4/26/2023	11,700	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-65 (0.2)	0.2 ft	4/26/2023	8,840	393,000	745	20,200	76,100	388,000	166J	851	74.8	291,000
SB-65 (2.4)	2.4 ft	4/26/2023	9,700	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-66 (0.2)	0.2 ft	4/26/2023	10,600	171,000	2,070	21,900	320,000	266,000	1,380	1,160	914.0	416,000
SB-66 (2.4)	2.4 ft	4/26/2023	4,940	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-67 (0.2)	0.2 ft	4/26/2023	6,940	94,800	919	22,200	61,100	102,000	182J	856	114.0	164,000
SB-68 (0.2)	0.2 ft	4/26/2023	6,770	92,200	1,380	24,300	37,200	135,000	307	1,150	121	123,000
SB-69 (0.2)	0.2 ft	4/26/2023	8,540	80,400	94.6	19,300	19,800	10,600	ND	783	54.5J	51,300
SB-69 (2.4)	2.4 ft	4/26/2023	7,810	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-70 (0.2)	0.2 ft	4/26/2023	6,510	73,200	631	12,500	22,900	64,900	118J	754	69.2	93,500
SB-71 (0.2)	0.2 ft	4/26/2023	14,900	144,000	1,190	22,200	38,300	117,000	132J	928	70.9	127,000
SB-71 (2.4)	2.4 ft	4/26/2023	11,700	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-72 (0.2)	0.2 ft	4/26/2023	10,700	246,000	249	180,000	62,200	577,000	232J	680	70.5	316,000
SB-72 (2.4)	2.4 ft	4/26/2023	18,800	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-73 (0.2)	0.2 ft	4/26/2023	11,300	211,000	1,590	21,200	52,200	473,000	569	1,290	137.0	270,000
SB-73 (2.4)	2.4 ft	4/26/2023	14,600	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-74 (0.2)	0.2 ft	4/26/2023	11,100	121,000	970	17,600	35,800	87,200	152J	1,070	85.5	124,000
SB-74 (2.4)	2.4 ft	4/26/2023	13,400	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-75 (0.2)	0.2 ft	4/26/2023	9,530	95,300	531	18,600	18,100	35,800	89.4J	1,300	79.0	71,300
SB-75 (2.4)	2.4 ft	4/26/2023	7,920	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-76 (0.2)	0.2 ft	4/26/2023	11,600	668,000	1,370	24,700	322,000	852,000	170J	1,190	161	1,850,000
SB-76 (2.4)	2.4 ft	4/26/2023	11,400	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-77 (0.2)	0.2 ft	4/26/2023	8,870	101,000	2,790	19,600	116,000	290,000	463	854	299	266,000
SB-77 (2.4)	2.4 ft	4/26/2023	5,760	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-78 (0.2)	0.2 ft	4/26/2023	8,800	101,000	1,210	22,400	23,800	27,800	229J	896	190.0	74,600
SB-78 (2.4)	2.4 ft	4/26/2023	7,250	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-79 (0.2)	0.2 ft	4/26/2023	8,030	78,300	81.3	20,100	18,400	17,300	29.5	794	52.8	50,600
SB-79 (2.4)	2.4 ft	4/26/2023	9,840	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-80 (0.2)	0.2 ft	4/26/2023	9,340	134,000	357	23,700	64,100	82,000	187J	930	87.6	150,000
SB-80 (2.4)	2.4 ft	4/26/2023	10,100	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-81 (0.2)	0.2 ft	4/26/2023	12,900	97,700	297	21,200	25,600	41,800	118J	876	42.4J	68,800
SB-81 (2.4)	2.4 ft	4/26/2023	10,600	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-82 (0.2)	0.2 ft	4/26/2023	8,680	152,000	2,410	16,900	36,400	118,000	503	831	122	157,000
SB-82 (2.4)	2.4 ft	4/26/2023	12,600	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-83 (0.2)	0.2 ft	4/26/2023	12,300	1,330,000	4,390	31,700	328,000	2,590,000	1,190	1,030	245.0	1,320,000
SB-83 (2.4)	2.4 ft	4/26/2023	11,900	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-84 (0.2)	0.2 ft	4/26/2023	7,240	83,600	553	14,700	27,600	150,000	213J	815	69.3	112,000
SB-85 (0.2)	0.2 ft	4/26/2023	10,300	358,000	2,140	19,400	50,900	653,000	286	892	147	379,000
SB-85 (2.4)	2.4 ft	4/26/2023	8,040	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-86 (0.2)	0.2 ft	4/26/2023	8,840	114,000	653	18,900	50,900	101,000	166J	947	106	150,000
SB-86 (2.4)	2.4 ft	4/26/2023	3,830	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-87 (0.2)	0.2 ft	4/27/2023	7,510	126,000	2,630	19,600	68,500	157,000	144J	5,320	73.4	281,000
SB-88 (0.2)	0.2 ft	4/27/2023	6,770	63,700	862	15,900	21,600	42,700	38.4J	3,970	54.0J	75,100
SB-89 (0.2)	0.2 ft	4/27/2023	9,670	110,000	424	17,700	30,800	60,300	397	5,720	60.0	80,300
SB-89 (2.4)	2.4 ft	4/27/2023	7,730	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-90 (0.2)	0.2 ft	4/27/2023	8,330	121,000	2,800	18						

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 1- SOIL ANALYTICAL SUMMARY		Michigan 10 Metals									
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening Levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.		Arsenic	Barium (B)	Cadmium (B)	Chromium (Total) (P+H)	Copper (B)	Lead (B)	Mercury (Total) (P-Z)	Nickel (B)	Silver (B)	Zinc (B)
CAS Number		7440382	7440393	7440439	7440473	7440508	7439921	7439976	7782492	7440224	7440666
Statewide Default Background Levels (µg/kg)		5,800	75,000	1,200	18,000	32,000	21,000	130	410	1,000	47,000
Residential Volatilization to Indoor Air Pathway (µg/kg)		NA	NA	NA	NA	NA	NA	50 (M) 22	NA	NA	NA
Residential Direct Contact Criteria (µg/kg)		7,600	3.7E+07	550,000	7.9E+08	400,000	2.0E+07	160,000	2.6E+06	2.5E+06	1.7E+08
Nonresidential Direct Contact Criteria (µg/kg)		37,000	1.3E+08	2,200,000	1.0E+09	7.3E+07	900,000	580,000	9.6E+06	9.0E+06	6.3E+08
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE									
All results are expressed in µg/kg											
SB-97 (0-2)	0.2 ft	14,300	309,000	1,240	39,100	77,600	200,000	333	4,670	96.6	276,000
SB-97 (2-4)	2.4 ft	7,150	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-98 (0-2)	0.2 ft	5,650	93,400	1,550	14,300	42,000	118,000	203J	5,330	105	130,000
SB-99 (0-2)	0.2 ft	9,160	107,000	1,370	17,500	37,300	82,800	184J	5,580	97.6	125,000
SB-99 (2-4)	2.4 ft	8,280	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-100 (0-2)	0.2 ft	7,720	92,400	1,320	18,500	39,100	89,400	343	5,050	92.5	118,000
SB-100 (2-4)	2.4 ft	15,700	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-101 (0-2)	0.2 ft	8,270	112,000	14,500	17,600	56,100	141,000	355	4,840	123.0	208,000
SB-101 (2-4)	2.4 ft	8,810	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-102 (0-2)	0.2 ft	17,600	1,110,000	9,120	31,200	182,000	2,270,000	6,120	6,050	225.0	1,290,000
SB-102 (2-4)	2.4 ft	20,500	NS	NS	NS	NS	173,000	NS	NS	NS	NS
SB-103 (0-2)	0.2 ft	14,800	364,000	9,130	26,300	59,900	882,000	5,040	4,860	93.3	258,000
SB-103 (2-4)	2.4 ft	25,600	NS	NS	NS	NS	244,000	NS	NS	NS	NS
SB-104 (0-2)	0.2 ft	14,000	332,000	4,300	20,700	91,200	358,000	386	5,030	129.0	269,000
SB-104 (2-4)	2.4 ft	20,100	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-105 (0-2)	0.2 ft	13,000	1,070,000	115,000	60,400	516,000	4,270,000	2,990	4,900	2,100	767,000
SB-105 (2-4)	2.4 ft	13,700	NS	NS	NS	NS	262,000	NS	NS	NS	NS
SB-106 (0-2)	0.2 ft	11,500	89,400	265	20,600	42,500	34,700	44.6J	5,970	75.7	88,200
SB-106 (2-4)	2.4 ft	4,900	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-107 (0-2)	0.2 ft	7,880	90,700	804	20,700	31,700	62,500	142J	4,870	71.3	89,200
SB-107 (2-4)	2.4 ft	13,400	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-108 (0-2)	0.2 ft	8,790	112,000	357	18,400	41,700	86,400	106J	4,220	54.8	123,000
SB-108 (2-4)	2.4 ft	7,480	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-109 (0-2)	0.2 ft	10,100	167,000	1,050	21,100	43,900	987,000	198J	4,230	134	202,000
SB-109 (2-4)	2.4 ft	9,380	NS	NS	NS	NS	52,700	NS	NS	NS	NS
SB-110 (0-2)	0.2 ft	19,600	1,240,000	2,410	60,900	161,000	323,000	2,750	2,990	68.4	693,000
SB-110 (2-4)	2.4 ft	11,000	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-111 (0-2)	0.2 ft	8,070	78,800	471	34,000	44,000	40,200	280	3,850	63.2	85,200
SB-111 (2-4)	2.4 ft	1,870	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-112 (0-2)	0.2 ft	11,000	211,000	1,970	29,900	124,000	216,000	266	3,340	96.0	283,000
SB-112 (2-4)	2.4 ft	21,000	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-113 (0-2)	0.2 ft	14,800	927,000	19,300	47,800	129,000	719,000	1,270	5,470	220	1,320,000
SB-113 (2-4)	2.4 ft	7,490	NS	NS	NS	NS	305,000	NS	NS	NS	NS
SB-114 (0-2)	0.2 ft	7,210	65,600	525	17,400	20,900	33,400	54.6J	3,520	40.1J	67,000
SB-115 (0-2)	0.2 ft	8,890	211,000	1,220	61,200	202,000	115,000	469	4,570	237	300,000
SB-115 (2-4)	2.4 ft	9,890	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-116 (0-2)	0.2 ft	12,400	248,000	981	21,900	246,000	113,000	137J	4,850	135	247,000
SB-116 (2-4)	2.4 ft	17,900	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-117 (0-2)	0.2 ft	12,200	413,000	4,310	26,660	178,000	333,000	905	4,840	126	465,000
SB-117 (2-4)	2.4 ft	7,430	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-118 (0-2)	0.2 ft	19,900	1,240,000	12,100	82,500	729,000	751,000	7,150	4,610	394	2,080,000
SB-118 (2-4)	2.4 ft	10,200	NS	NS	NS	NS	40,100	NS	NS	NS	NS
SB-119 (0-2)	0.2 ft	14,600	420,000	5,990	26,900	91,900	1,200,000	1,900	4,790	154	446,000
SB-119 (2-4)	2.4 ft	7,880	NS	NS	NS	NS	259,000	NS	NS	NS	NS
SB-120 (0-2)	0.2 ft	9,290	102,000	1,970	37,400	42,500	251,000	281	2,640	308	631,000
SB-120 (2-4)	2.4 ft	13,400	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-121 (0-2)	0.2 ft	12,900	609,000	8,700	21,900	114,000	1,610,000	1,250	4,640	226	757,000
SB-121 (2-4)	2.4 ft	11,500	NS	NS	NS	NS	1,540,000	NS	NS	NS	NS
SB-122 (0-2)	0.2 ft	8,160	108,000	858	17,800	34,600	184,000	260	4,630	73.3	188,000
SB-122 (2-4)	2.4 ft	5,320	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-123 (0-2)	0.2 ft	8,790	126,000	716	17,500	33,700	80,000	196J	4,950	81.9	108,000
SB-123 (2-4)	2.4 ft	8,560	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-124 (0-2)	0.2 ft	5,900	39,500	309	10,000	13,400	17,700	72.5J	613	43.6J	40,200
SB-125 (0-2)	0.2 ft	9,590	109,000	1,630	20,000	56,400	131,000	448	926	138.0	171,000
SB-126 (0-2)	0.2 ft	8,970	98,900	664	16,700	26,900	88,800	95.8J	863	72.7	119,000
SB-127 (0-2)	0.2 ft	8,340	410,000	3,060	16,200	59,100	138,000	335	1,270	150.0	299,000
SB-128 (0-2)	0.2 ft	7,620	124,000	2,550	17,100	40,500	209,000	192J	1,050	175.0	211,000
SB-129 (0-2)	0.2 ft	7,030	119,000	860	18,100	22,500	91,200	92.5J	858	79.5	135,000
SB-130 (0-2)	0.2 ft	8,040	415,000	4,550	24,300	94,200	470,000	653	1,090	163.0	389,000
SB-131 (0-2)	0.2 ft	9,070	161,000	8,650	16,300	59,000	238,000	547	1,950	163.0	170,000
SB-132 (0-2)	0.2 ft	9,340	384,000	18,900	26,300	231,000	656,000	767	994	209.0	495,000
SB-133 (0-2)	0.2 ft	9,040	511,000	20,200	26,300	198,000	327,000	600	948	656.0	403,000
SB-134 (0-2)	0.2 ft	9,640	224,000	4,580	22,300	142,000	425,000	232	939	113.0	365,000
SB-135 (0-2)	0.2 ft	6,160	70,500	189	21,000	17,800	12,800	25.9J	828	46.9J	53,100
SB-136 (0-2)	0.2 ft	8,170	77,800	128	18,300	20,800	19,400	86.5J	893	72.4	56,300
SB-137 (0-2)	0.2 ft	7,600	90,500	973	17,000	26,500	42,700	94.4J	816	60.5	66,800
SB-138 (0-2)	0.2 ft	5,240	77,900	830	14,600	25,100	62,200	107J	915	53.5J	112,000
SB-139 (0-2)	0.2 ft	7,810	81,500	12,200	19,200	19,300	14,100	72.0J	825	68.5	46,200
SB-140 (0-2)	0.2 ft	11,700	252,000	56,700	20,400	169,000	421,000	146J	917	326.0	460,000
SB-141 (0-2)	0.2 ft	6,790	94,600	5,050	28,800	33,600	131,000	143J	880	80.7	118,000
SB-142 (0-2)	0.2 ft	9,300	121,000	667	24,400	29,900	131,000	537	965	102.0	129,000
SB-143 (0-2)	0.2 ft	8,490	90,100	173	19,400	25,500	220,000	229J	780	55.8J	95,200
SB-144 (0-2)	0.2 ft	7,830	62,300	130	17,900	17,900	9,080	ND	1,560	50.7J	52,800
SB-145 (0-2)	0.2 ft	7,860	181,000	3,230	20,500	107,000	319,000	315	1,480	98.7	234,000
SB-146 (0-2)	0.2 ft	11,300	555,000	7,310	27,500	151,000	1,770,000	356	1,320	181	616,000
SB-147 (0-2)	0.2 ft	7,890	155,000	8,530	19,000	51,200	129,000	594	1,650	109	162,000
SB-148 (0-2)	0.2 ft	7,570	187,000	2,400	24,200	89,000	140,000	342	1,530	67.7	164,000
SB-149 (0-2)	0.2 ft	7,590	166,000	5,310	16,700	91,300	140,000	207J	1,740	89.9	189,000
SB-150 (0-2)	0.2 ft	7,770	403,000	289	22,200	84,200	250,000	179J	1,580	67.7	246,000
SB-151 (0-2)	0.2 ft	10,800	88,590	629	21,000	23,700	24,500	132J	1,530	66.4	60,500
SB-152 (0-2)	0.2 ft	6,590	91,400	407	13,900	20,500	123,000	167J	1,140	66.8	96,900
SB-153 (0-2)	0.2 ft	6,380	169,000	712	15,500	29,100	261,000	238	1,310	92.9	266,000
SB-154 (0-2)	0.2 ft	7,310	84,100	1,130	18,300	32,500	474,000	246	943	70.8	510,000
SB-155 (0-2)	0.2 ft	8,030	68,800	549	12,000	24,000	65,200	234	1,140	72.7	101,000
SB-156 (0-2)	0.2 ft	3,070	34,900	213	7,100	8,520	13,400	26.6J	839	25.3J	33,800
SB-157 (0-2)	0.2 ft	13,700	2,320,000	5,600	47,400	520,000	4,040,000	909	950	107.0	1,880,000
SB-158 (0-2)	0.2 ft	10,300	2,070,000	9,980	29,200	243,000	10,500,000	1,350	1,480	215.0	1,660,000

100 Lenox Street Detroit, Wayne County, Michigan

TABLE 1- SOIL ANALYTICAL SUMMARY			Michigan 10 Metals									
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening Levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Arsenic	Barium (B)	Cadmium (B)	Chromium (Total) (B,H)	Copper (B)	Lead (B)	Mercury (Total) (B,Z)	Selenium (B)	Silver (B)	Zinc (B)
CAS Number	7440382	7440393	7440439	7440473	7440508	7439921	7439976	7782492	7440224	7440666		
Statewide Default Background Levels (µg/kg)	5,800	75,000	1,200	18,000	32,000	21,000	130	410	1,000	47,000		
Residential Volatilization to Indoor Air Pathway (µg/kg)	NA	NA	NA	NA	NA	NA	50 (M) 22	NA	NA	NA		
Residential Direct Contact Criteria (µg/kg)	7,600	3.7E+07	550,000	7.9E+08	2.0E+07	400,000	160,000	2.6E+06	2.5E+06	1.7E+08		
Nonresidential Direct Contact Criteria (µg/kg)	37,000	1.3E+08	2,200,000	1.0E+09	7.3E+07	900,000	580,000	9.6E+06	9.0E+06	6.3E+08		
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in µg/kg									

Notes:

Bold font indicates parameter exceeds the Statewide Default Background level

Notes in parentheses and standard abbreviations are from Part 201 Rules 299.1 - 299.50, dated June 25, 2018

ID = Insufficient Data To Develop Criterion

NA = Not Applicable

M= The VIAP screening level may be below target detection limits (TDL). In accordance with SEC. 20120a(10) when the TDL for a hazardous substance is greater than the developed VIAP screening level, the TDL is used to evaluate the risk posed from the pathway.

nc = Non-Carcinogenic

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

ND or "<" = Concentration is not detected above laboratory detection limits

(B) = Background, as defined in R 2991.(b), may be substituted if higher than the calculated clean up criterion. Background levels may be less than criteria for some inorganic compounds

(B*) = Background, as defined in R 2991.(b), may be substituted if higher than the calculated clean up criterion. Background levels may be less than criteria for some inorganic compounds. However, for Mercury for the Volatilization to Indoor Air Pathway, this footnote does not apply.

(H) = Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the drinking water criterion of 100 µg/L. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI. Cr III soil cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land or resource use restriction. (If total chromium data is presented, that data shall be compared to the hex chrome cleanup criteria)

(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.

For the April 2023 sampling event, all non-detect (ND) values of mercury had a method detection limit (MDL) < 50 µg/kg.

* - Residential Drinking Water Criteria and Residential Groundwater Surface Water Interface Protection Criteria exceedances are not shown (site on municipal supply / no groundwater present; sea wall/sheet pile barrier along river)

ND = Not Detected above laboratory reporting limits

NLV = Not Likely to Volatilize

NS = Not Sampled or Not Analyzed

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 2 SOIL ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)																
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
CAS Number	208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018	129000		
Residential Drinking Water Protection Criteria*	5.900	300.000	41.000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35.000	5.60E+04	4.80E+05		
Groundwater Surface Water Interface Protection Criteria* (XII)	ID	8.700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5.500	5.300	NLL	4.200	730	2.100	ID		
Residential Volatilization to Indoor Air Pathway	NA	2.0e05 nc	1.3e07 nc	1.6e5 (MM) mut	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1,700 nc	330 (M) 67	1,700 nc	2.5e07 nc			
Residential Direct Contact Criteria	1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07		
Nonresidential Direct Contact Criteria	5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07		
			All results are expressed in ug/kg																
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	NS	ND	669	669	770	492	516	914	770	NS	1,420	ND	462	NS	NS	851	1,370
GP-1	2-4 ft	4/12/2022	NS	ND	669	669	770	492	516	914	770	NS	1,420	ND	462	NS	NS	851	1,370
GP-3	1-3 ft	4/12/2022	NS	405	1,440	3,350	3,250	2,070	2,290	4,430	3,290	NS	7,880	504	2,110	NS	NS	5,790	6,730
GP-4	7-8 ft	4/12/2022	NS	ND	474	1,130	1,100	615	855	1,500	1,220	NS	2,810	ND	707	NS	NS	2,280	2,460
GP-5	1-2 ft	4/12/2022	NS	ND	ND	ND	332	ND	ND	453	ND	NS	544	ND	ND	NS	NS	ND	454
GP-6	1-2 ft	4/12/2022	NS	ND	ND	357	359	ND	ND	528	359	NS	779	ND	ND	NS	NS	461	669
GP-7	1-2 ft	4/12/2022	NS	ND	ND	ND	ND	ND	ND	425	ND	NS	526	ND	ND	NS	NS	ND	467
GP-8	2-4 ft	4/12/2022	NS	ND	ND	378	414	ND	381	705	416	NS	668	ND	ND	NS	NS	378	641
GP-9	0-1 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-9	2-4 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-9	6-7 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-10	0-1 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-10	2-4 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-10	6-7 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-11	0-1 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-11	2-4 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-11	6-7 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-12	0-1 ft	7/27/2022	NS	469	1,390	6,500	2,560	3,590	1,720	1,500	NS	436	NS	NS	1,500	ND	ND	6,270	6,610
GP-12	2-4 ft	7/27/2022	NS	ND	ND	588	424	583	374	ND	NS	ND	NS	NS	ND	ND	ND	788	950
GP-12	6-7 ft	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GP-13	0-1 ft	7/27/2022	NS	ND	ND	417	ND	404	ND	ND	NS	ND	NS	NS	ND	ND	ND	658	950
GP-13	2-4 ft	7/27/2022	NS	ND	ND	784	562	785	432	342	NS	ND	NS	NS	360	ND	ND	630	643
GP-13	6-7 ft	7/27/2022	NS	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS	ND	ND	ND	1,170	1,170
GP-14	0-1 ft	7/27/2022	NS	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS	ND	ND	ND	ND	ND
GP-14	2-4 ft	7/27/2022	NS	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS	ND	ND	ND	ND	ND
GP-14	6-7 ft	7/27/2022	NS	ND	933	2,490	1,760	2,570	1,040	968	NS	346	NS	NS	898	365	374	2,080	2,930
SB-1 (0-2)	0-2 ft	4/24/2023	51.3	61.9	246	793	830	1,070	566	391	799	157	1,800	59.4	52.4	45.2	46.6	839	1,560
SB-2 (0-2)	0-2 ft	4/24/2023	127	276	987	2,380	2,150	2,850	1,300	1,010	2,240	333	5,290	373	1,260	236	234	3,770	4,480
SB-2 (2-4)	2-4 ft	4/24/2023	54.6	87.7	342	1,060	987	1,330	655	487	1,150	164	2,340	70.3	568	89.8	94	1,220	1,920
SB-3 (0-2)	0-2 ft	4/24/2023	ND	79.6	264	804	800	1,070	526	400	813	124	1,760	84.9	500	ND	37.6	1,020	1,530
SB-4 (0-2)	0-2 ft	4/24/2023	67.4	572	1,460	2,770	2,330	2,780	1,280	1,030	2,510	408	5,910	665	1,220	152	306	4,890	5,720
SB-4 (2-4)	2-4 ft	4/24/2023	ND	85.2	152	324	347	444	236	170	420	62.8	837	78.2	213	ND	63.7	418	657
SB-5 (0-2)	0-2 ft	4/24/2023	ND	43.6	151	522	570	780	403	225	573	103	1,260	38.3	362	ND	ND	590	1,090
SB-6 (0-2)	0-2 ft	4/24/2023	ND	ND	82.5	262	270	374	179	118	281	54.4	528	ND	168	ND	ND	251	481
SB-7 (0-2)	0-2 ft	4/24/2023	ND	ND	156	398	1,770	951	3,160	205	983	483	439	ND	869	69.5	61.7	327	1,380
SB-8 (0-2)	0-2 ft	4/24/2023	ND	34.1	104	349	370	490	304	158	387	66.1	684	37.7	239	111	149	416	635
SB-9 (0-2)	0-2 ft	4/24/2023	697	365	1,800	4,100	3,070	4,270	1,640	1,370	3,980	631	9,080	665	1,620	200	103	8,540	8,890
SB-9 (2-4)	2-4 ft	4/24/2023	ND	ND	182	576	506	683	301	270	644	61.8	1,180	ND	266	58.5	60.9	659	892
SB-10 (0-2)	0-2 ft	4/24/2023	80.4	619	3,830	5,860	4,330	6,340	2,370	2,060	5,480	827	14,800	1,020	2,430	175	163	12,000	12,500
SB-10 (2-4)	2-4 ft	4/24/2023	ND	457	1,190	2,200	1,780	1,850	992	774	2,400	207	4,390	411	794	252	426	4,950	4,400
SB-11 (0-2)	0-2 ft	4/24/2023	6.4	ND	11.6	53.4	55.7	74.6	37.0	24.4	56.0	14.1	88.1	ND	34.1	13.6	14.6	39.4	82.7
SB-12 (0-2)	0-2 ft	4/24/2023	6.1	14.0	41.0	133	135	197	88.6	59.9	144	27.3	296	14.3	82.8	10.9	12.3	176	257
SB-13 (0-2)	0-2 ft	4/24/2023	ND	12.0	9.5	26.6	24.9	33.9	21.6	10.5	32.4	ND	49.8	5.9	14.5	46.4	117	41.1	52.4
SB-14 (0-2)	0-2 ft	4/24/2023	ND	ND	27.5	116	128	171	83.3	63.4	133	ND	230	ND	79.5	ND	ND	106	208
SB-15 (0-2)	0-2 ft	4/24/2023	ND	10.1	55.9	166	148	214	85.5	66.5	181	23.5	328	11.9	83.9	ND	ND	154	289
SB-16 (0-2)	0-2 ft	4/24/2023	ND	ND	9.2	42.2	45.1	64.1	29.8	22.0	47.4	7.0	88.3	ND	28.1	ND	ND	40.9	80.9
SB-17 (0-2)	0-2 ft	4/24/2023	ND	ND	39.1	191	211	286	139	102	215	39.6	403	ND	132	ND	ND	196	361
SB-18 (0-2)	0-2 ft	4/24/2023	ND	8.7	24.0	93.1	93.5	136	59.8	41.9	100	18.4	200	7.9	58.0	ND	ND	102	175
SB-19 (0-2)	0-2 ft	4/25/2023	6.7	8.6	26.2	137	146	193	98.9	66.6	132	26.4	254	6.7	87.1	ND	ND	103	209

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 2 SOIL ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)																
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylanthracene	Naphthalene	Phenanthrene	Pyrene
CAS Number	208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018	129000		
Residential Drinking Water Protection Criteria*	5.900	300.000	41.000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35.000	5.60E+04	4.80E+05		
Groundwater Surface Water Interface Protection Criteria* (XII)	ID	8.700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5.500	5.300	NLL	4.200	730	2.100	ID		
Residential Volatilization to Indoor Air Pathway	NA	2.0e05 nc	1.3e07 nc	1.6e5 (MM) mut	NA	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1,700 nc	330 (M) 67	1,700 nc	2.5e07 nc		
Residential Direct Contact Criteria	1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07		
Nonresidential Direct Contact Criteria	5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07		
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/kg																
SB-20 (0-2)	0-2 ft	4/25/2023	10.2	26.0	68.1	285	283	375	178	130	266	48.4	567	23.9	159	7.8	13.1	274	443
SB-21 (0-2)	0-2 ft	4/25/2023	ND	8.8	23.6	101	97.9	144	61.8	46.7	98.1	17.5	201	6.0	55.9	7.1	8.0	97.3	159
SB-22 (0-2)	0-2 ft	4/25/2023	ND	99.1	268	614	99.1	541	699	325	248	90.3	1,380	89.8	288	39.7	40.4	1,040	1,120
SB-23 (0-2)	0-2 ft	4/25/2023	34.7	639	1,100	1,840	1,500	1,800	784	694	1,580	229	4,270	499	750	240	252	4,120	3,380
SB-24 (0-2)	0-2 ft	4/25/2023	ND	ND	67.6	293	297	395	190	138	292	52.2	549	ND	169	ND	ND	256	447
SB-25 (0-2)	0-2 ft	4/25/2023	20.9	31.7	145	724	601	809	329	281	628	98.9	1,400	33.9	312	72.7	28.4	530	1,090
SB-26 (0-2)	0-2 ft	4/25/2023	ND	ND	5.7	24.8	24.8	32.6	16.1	12.1	26.2	ND	47.8	ND	14.0	ND	ND	24.8	42.1
SB-27 (0-2)	0-2 ft	4/25/2023	43.1	32.8	148	485	417	517	226	201	441	67.3	1,010	45.8	212	48.9	45.2	659	804
SB-28 (0-2)	0-2 ft	4/25/2023	31.9	31.6	123	493	464	601	307	227	475	83.2	961	32.8	257	39.3	34.7	504	777
SB-29 (0-2)	0-2 ft	4/25/2023	ND	ND	11.0	43.2	40.5	59.7	29.9	20.1	45.8	8.1	77.2	ND	24.4	7.0	6.4	40.8	66.9
SB-30 (0-2)	0-2 ft	4/25/2023	193	303	1,010	3,440	3,040	3,690	1,850	1,300	3,270	498	6,710	307	1,590	115	149	4,290	6,020
SB-30 (2-4)	2-4 ft	4/25/2023	32.5	38.2	179	302	234	280	117	105	266	28.3	684	72.9	105	60	53.4	672	466
SB-31 (0-2)	0-2 ft	4/25/2023	ND	10.4	26.8	95.8	88.3	106	52.7	37.3	90.2	14.7	175	7.9	45.5	ND	8.3	108	165
SB-32 (0-2)	0-2 ft	4/25/2023	2,150	2,240	10,400	44,200	28,400	34,100	15,000	13,700	32,200	4,550	94,400	2,900	13,800	652	974	51,100	87,000
SB-32 (2-4)	2-4 ft	4/25/2023	26.1	97.5	179	470	434	541	262	198	464	57.3	1,060	96.2	228	49.3	105	779	767
SB-33 (0-2)	0-2 ft	4/25/2023	160	173	710	3,100	2,690	3,380	1,520	3,210	2,810	436	5,940	178	1,380	46.6	61.4	2,800	5,230
SB-33 (2-4)	2-4 ft	4/25/2023	172	2,930	8,040	22,200	21,500	26,000	12,700	9,660	20,300	3,290	51,800	2,790	11,100	684	1,950	28,300	36,400
SB-34 (0-2)	0-2 ft	4/25/2023	120	197	661	2,610	2,280	2,840	1,330	1,070	2,360	376	5,140	179	1,180	43.8	63.3	2,660	4,490
SB-34 (2-4)	2-4 ft	4/25/2023	ND	7.4	34.1	107	98	125	65	44.5	113	13.2	233	7	53.3	10.2	13.5	119	179
SB-35 (0-2)	0-2 ft	4/25/2023	74.2	159	524	1,550	1,200	1,400	678	498	1,420	193	2,940	149	572	52.2	72.4	2,380	2,900
SB-36 (0-2)	0-2 ft	4/25/2023	18.8	13.1	45.5	228	219	273	131	100	221	37.1	432	11.8	116	14.6	13.5	196	374
SB-37 (0-2)	0-2 ft	4/25/2023	ND	ND	13.1	65.3	60.3	75.3	36.6	27.8	64.0	9.9	121	ND	32.3	ND	ND	51.4	106
SB-38 (0-2)	0-2 ft	4/25/2023	68.1	121	351	1,230	1,070	1,350	605	475	1,130	180	2,290	115	545	79.2	126	1,270	2,090
SB-39 (0-2)	0-2 ft	4/25/2023	114	51.7	204	991	937	1,200	553	438	911	152	1,800	51.4	503	80.3	80.1	763	1,540
SB-40 (0-2)	0-2 ft	4/25/2023	53.8	39.0	158	614	612	817	413	271	660	127	1,220	42.8	382	77.7	69.5	604	1,140
SB-41 (0-2)	0-2 ft	4/25/2023	28.5	21.6	88.3	375	393	560	273	180	421	85.7	751	21.2	253	81.9	63.6	340	654
SB-42 (0-2)	0-2 ft	4/25/2023	ND	49.3	48.2	71.6	61.3	80.8	35.8	26.6	70.7	10.5	185	28.7	32.8	19.1	26.4	176	144
SB-43 (0-2)	0-2 ft	4/25/2023	20.7	19.8	60.2	192	202	266	129	101	210	39.3	432	29.1	126	12.9	15.9	240	339
SB-44 (0-2)	0-2 ft	4/25/2023	249	131	586	1,250	1,090	1,450	625	577	1,250	208	3,430	516	645	103	195	3,240	2,470
SB-45 (0-2)	0-2 ft	4/25/2023	42.4	20.1	90.8	317	340	460	224	161	360	57.4	719	44.7	218	9.5	16.1	384	559
SB-46 (0-2)	0-2 ft	4/25/2023	295	514	1,910	4,540	4,030	5,210	2,520	1,900	4,330	825	9,770	770	2,430	269	338	7,270	7,990
SB-46 (2-4)	2-4 ft	4/25/2023	82.8	218	790	1,630	1,480	1,890	902	688	1,740	177	4,170	247	762	227	347	2,570	3,110
SB-47 (0-2)	0-2 ft	4/25/2023	ND	ND	212	729	693	875	433	335	715	132	1,530	55.1	416	54.9	51.1	728	1,320
SB-48 (0-2)	0-2 ft	4/25/2023	34.6	56.2	245	616	587	823	381	304	627	91.8	1,440	93.3	361	48.4	42.2	972	1,180
SB-49 (0-2)	0-2 ft	4/26/2023	ND	25.8	94.4	130	99.8	125	57.0	53.0	126	11.9	341	34.5	51.3	ND	ND	306	256
SB-50 (0-2)	0-2 ft	4/26/2023	49.2	296.0	2,300	4,060	3,140	3,990	1,500	1,680	3,700	405	8,530	453	1,430	115	85.7	5,040	6,100
SB-50 (2-4)	2-4 ft	4/26/2023	139	239.0	1,090	2,980	3,280	4,040	2,690	1,310	3,400	860	6,210	396	1,980	322	621	3,570	4,600
SB-51 (0-2)	0-2 ft	4/26/2023	ND	20.6	54.3	134	119	156	68.5	53.7	136	14.6	326	17.9	60.8	11.5	9.8	185	251
SB-52 (0-2)	0-2 ft	4/26/2023	10.6	43.6	81.1	349	310	404	179	147	330	53.8	644	30.8	163	92.4	335	316	538
SB-53 (0-2)	0-2 ft	4/26/2023	11.0	17.9	53.3	221	198	252	117	91.9	210	33.8	414	16.0	102	19.8	22.5	215	376
SB-54 (0-2)	0-2 ft	4/26/2023	269	292	1,220	5,920	4,970	5,760	2,700	2,260	5,470	760	9,980	298	2,350	107	162	4,750	10,100
SB-54 (2-4)	2-4 ft	4/26/2023	73.4	404	1,780	7,020	7,200	8,590	4,220	2,980	6,680	865	15,500	343	3,820	169	204	5,430	11,800
SB-55 (0-2)	0-2 ft	4/26/2023	ND	ND	ND	21.4J	31.5	30.5	30.7	ND	32.2	ND	51.1	ND	25.1J	ND	ND	23.0J	58.9
SB-56 (0-2)	0-2 ft	4/26/2023	ND	ND	4.8J	15.6	17.1	21.4	12.0	7.7	16.8	ND	32.8	ND	11.1	ND	ND	22.1	29.6
SB-57 (0-2)	0-2 ft	4/26/2023	39.7	297	783	1,400	1,090	1,340	556	514	1,250	175	3,050	324	515	110	136	2,780	2,460
SB-58 (0-2)	0-2 ft	4/26/2023	ND	ND	43.3J	153	175	247	152	85.3	254	ND	341	ND	123	84.6	117	249	312
SB-59 (0-2)	0-2 ft	4/26/2023	24.1	19.0	79.5	263	223	284	127	111	241	28.4	521	20.6	115	17.9	16.9	321	461
SB-60 (0-2)	0-2 ft	4/26/2023	6.4	20.2	47.0	150	132	168	73.3	65.1	139	17.3	298	15.3	68.5	11.4	10.8	181	256
SB-61 (0-2)	0-2 ft	4/26/2023	ND	13.5	39.0	104	93.1	115	51.1	42.1	91.2	15.0	207	11.8	47.1	6.9	5.9J	128	171

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 2 SOIL ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)																
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening Levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			CAS Number	208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018
Residential Drinking Water Protection Criteria*			5.900	300.000	41.000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35.000	5.60E+04	4.80E+05
Groundwater Surface Water Interface Protection Criteria* (XII)			ID	8.700	ID	NLL	NLL	NLL	NLL	NLL	NLL	5.500	5.300	NLL	4.200	730	2.100	ID	
Residential Volatilization to Indoor Air Pathway			NA	2.0E+05 nc	1.3E+07 nc	1.6E5 (MM) mut	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1.700 nc	330 (M) 67	1.700 nc	2.5E07 nc	
Residential Direct Contact Criteria			1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07
Nonresidential Direct Contact Criteria			5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/kg																
SB-62 (0-2)	0-2 ft	4/26/2023	49.1	349	1,270	2,630	2,170	2,640	1,160	903	2,400	326	5,820	488	1,040	70.2	55.8	5,100	5,330
SB-62 (2-4)	2-4 ft	4/26/2023	ND	ND	ND	4.9	6.9	12.3	9.8	ND	11.3	ND	12.5	ND	4.6	ND	ND	12.4	12
SB-63 (0-2)	0-2 ft	4/26/2023	4.6J	14.9	32.0	112	98.8	134	58.0	44.0	107	16.3	210	12.7	50.7	11.4	11.5	138	193
SB-64 (0-2)	0-2 ft	4/26/2023	14.3	31.6	82.2	349	331	405	199	140	319	53.0	656	27.6	175	24.4	23.5	339	611
SB-65 (0-2)	0-2 ft	4/26/2023	23.4	45.9	191	550	451	591	259	209	505	59.0	1,240	74.5	231	45.7	54.9	983	1,000
SB-66 (0-2)	0-2 ft	4/26/2023	407	147	1,080	3,100	2,370	3,050	1,180	995	2,760	371	5,870	310	1,100	151	150	3,490	5,400
SB-66 (2-4)	2-4 ft	4/26/2023	ND	ND	9.2	26.9	25.0	40.6	19.1	10.7	35.6	5.4	62.4	ND	15.6	41.6	33.5	50.5	47.1
SB-67 (0-2)	0-2 ft	4/26/2023	11.2	31.8	95.3	342	308	411	197	148	340	40.9	779	29.6	174	21.1	21.5	461	636
SB-68 (0-2)	0-2 ft	4/26/2023	30.3J	59.6	213	685	642	809	403	298	661	85.5	1,420	57.6	352	57.3	45.0	860	1,250
SB-69 (0-2)	0-2 ft	4/26/2023	ND	ND	ND	8.3	10.7	16.0	9.7	4.0	13.6	ND	17.9	ND	7.4	5.7	ND	10.8	17.2
SB-70 (0-2)	0-2 ft	4/26/2023	27.4	49.0	193	759	691	895	396	318	717	84.7	1,530	55.9	357	34.0	28.9	766	1,300
SB-71 (0-2)	0-2 ft	4/26/2023	86.9	27.6	140	976	884	1,110	511	425	913	111	1,760	30.9	460	220	139	654	1,630
SB-72 (0-2)	0-2 ft	4/26/2023	ND	42.3	116	588	583	804	405	314	684	103	1,330	24.3J	345	129	88.0	645	1,130
SB-73 (0-2)	0-2 ft	4/26/2023	80.7	737	1,590	4,630	4,080	5,450	2,540	2,130	4,620	549	11,900	854	2,280	180	192	8,150	8,730
SB-73 (2-4)	2-4 ft	4/26/2023	127	178	429	1,060	844	1,210	519	421	1,030	127	2,400	238	455	679	650	2,240	1,900
SB-74 (0-2)	0-2 ft	4/26/2023	26.5	187	492	1,490	1,440	1,930	849	693	1,630	173	3,720	131	757	69.4	74.8	1,920	2,870
SB-75 (0-2)	0-2 ft	4/26/2023	5.6J	6.1	16.4	92.8	126	163	70.2	63.4	116	13.8	178	4.4J	64.8	10.7	8.9	86.6	147
SB-76 (0-2)	0-2 ft	4/26/2023	ND	46.1	154	429	491	641	315	186	449	59.9	863	49.1	276	127	89.7	618	738
SB-77 (0-2)	0-2 ft	4/26/2023	1,210	133	1,540	6,960	5,120	6,610	2,570	2,510	6,110	662	12,400	318	2,470	192	169	5,480	11,000
SB-77 (2-4)	2-4 ft	4/26/2023	11.2	9.1	21.2	96.6	96.4	126	59.7	43.1	110	16.6	236	14	54.6	23.9	21.7	170	184
SB-78 (0-2)	0-2 ft	4/26/2023	44.1	97.9	253	1,170	1,140	1,420	687	499	1,090	147	2,070	85.7	597	70.9	66.4	1,090	1,950
SB-79 (0-2)	0-2 ft	4/26/2023	ND	ND	ND	23.4	31.3	36.1	24.0	13.9	31.2	4.3J	37.0	ND	18.2	ND	ND	17.3	36.3
SB-80 (0-2)	0-2 ft	4/26/2023	14.1	40.1	144	557	499	666	314	236	528	68.6	1,130	40.7	274	67.2	53.8	644	974
SB-81 (0-2)	0-2 ft	4/26/2023	21.5	14.9	63.8	215	195	267	120	89.4	229	27.2	434	19.8	107	91.6	ND	322	374
SB-82 (0-2)	0-2 ft	4/26/2023	245	4,140	9,270	15,100	12,800	16,900	7,690	5,340	13,400	1,570	44,400	4,440	6,910	803	1,770	43,200	32,900
SB-82 (2-4)	2-4 ft	4/26/2023	27.6	60.9	246	947	857	1,100	485	406	932	134	2,160	65.5	443	52.8	41.6	1,160	1,650
SB-83 (0-2)	0-2 ft	4/26/2023	65.0	58.0	189	808	793	1,050	524	369	811	110	1,540	49.1	452	239	186	866	1,440
SB-84 (0-2)	0-2 ft	4/26/2023	21.5J	44.2	198	828	722	954	445	326	756	97.5	1,490	44.7	391	63.4	51.5	744	1,390
SB-85 (0-2)	0-2 ft	4/26/2023	27.5	85.6	326	1,430	1,360	1,630	795	617	1,420	169	2,450	88.8	673	131	105	1,360	2,330
SB-86 (0-2)	0-2 ft	4/26/2023	131	780	3,260	8,300	6,930	8,480	3,990	2,820	7,210	860	19,600	924	3,500	136	144	12,100	16,300
SB-86 (2-4)	2-4 ft	4/26/2023	6.4	36.7	142	356	289	342	154	117	331	33.4	838	37.7	136	5.8	6.9	515	784
SB-87 (0-2)	0-2 ft	4/27/2023	46.7	44.5	173	508	445	608	271	219	514.0	91.3	1,120	49.4	267	32.0	41.6	679	959
SB-88 (0-2)	0-2 ft	4/27/2023	ND	ND	40.0	24.9	25.1	35.3	21.5	10.5	27.2	5.4J	44.8	ND	16.7	ND	ND	17.2	43.1
SB-89 (0-2)	0-2 ft	4/27/2023	ND	43.6J	98.4	326	312	436	191	133	324	62.0	644	38.5J	189	ND	ND	375	539
SB-90 (0-2)	0-2 ft	4/27/2023	28.5	38.0	119	523	492	643	303	208	534	99.6	999	29.5	284	16.1	18.3	448	941
SB-91 (0-2)	0-2 ft	4/27/2023	ND	ND	ND	5.1J	4.6J	8.1	5.9	ND	8.8	ND	9.1	ND	ND	ND	ND	6.1	8.3
SB-92 (0-2)	0-2 ft	4/27/2023	86.9	54.1	234	678	666	861	432	349	745	138	1,380	71.9	414	54.8	58.8	747	1,170
SB-93 (0-2)	0-2 ft	4/27/2023	23.4	55.6	180	418	388	511	236	191	422	63.0	960	54.2	232	28.6	30.0	619	779
SB-94 (0-2)	0-2 ft	4/27/2023	ND	ND	ND	9.1	7.7	11.9	8.3	3.6J	12.5	ND	20.6	ND	4.7J	ND	ND	14.1	17.4
SB-95 (0-2)	0-2 ft	4/27/2023	270	89.6	733	2,710	2,190	3,010	1,180	1,130	2,450	433	5,800	135	1,210	ND	52.0J	2,680	4,720
SB-95 (2-4)	2-4 ft	4/27/2023	15.0	1550	3,680	4,680	4,060	4,400	2,320	1,840	4,320	549	14,400	1,380	1,980	272	226	15,100	12,200
SB-96 (0-2)	0-2 ft	4/27/2023	6,240	1,680	17,400	61,200	43,500	58,500	24,600	19,500	54,200	8,420	146,000	2,650	24,900	627	1,030	69,500	122,000
SB-96 (2-4)	2-4 ft	4/27/2023	6.0	10.3	27.7	76.3	71	90.3	40.2	32.4	77.5	9.5	156	9.9	36.6	18.6	28.7	101	130
SB-97 (0-2)	0-2 ft	4/27/2023	27.2	109	344	604	496	727	305	213	611	98.5	1,560	143	299	455	329	1,500	1,280
SB-98 (0-2)	0-2 ft	4/27/2023	11.9	30.7	63.7	211	205	296	129	87.9	244	41.5	464	27.7	123	59.2	43.7	304	407
SB-99 (0-2)	0-2 ft	4/27/2023	10.6	23.4	74.5	209	193	263	134	76.0	208	40.5	410	20.8	118	20.4	16.2	292	418
SB-100 (0-2)	0-2 ft	4/27/2023	ND	5.6J	13.2	48.5	54.0	86.2	49.1	25.2	49.5	12.2	82.3	5.3J	42.5	10.1	8.2	52.2	81.7
SB-101 (0-2)	0-2 ft	4/27/2023	85.0	63.0	284	925	844	1,140	490	347	902	165	1,820	76.9	483	44.3	44.2	987	1,670
SB-102 (0-2)	0-2 ft	4/27/2023	40.8	42.5	174	463	394	610	241	186	485	85.8	972	60.6	238	312	195	633	870

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 2 SOIL ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)																
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			CAS Number	208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018
Residential Drinking Water Protection Criteria*			5.900	300.000	41.000	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35.000	5.60E+04	4.80E+05	
Groundwater Surface Water Interface Protection Criteria* (XII)			ID	8.700	ID	NLL	NLL	NLL	NLL	NLL	NLL	5.500	5.300	NLL	4.200	730	2.100	ID	
Residential Volatilization to Indoor Air Pathway			NA	2.0e05 nc	1.3e07 nc	1.6e5 (MM) mut	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1,700 nc	330 (M) 67	1,700 nc	2.5e07 nc	
Residential Direct Contact Criteria			1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07
Nonresidential Direct Contact Criteria			5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/kg																
SB-103 (0-2)	0-2 ft	4/27/2023	37.6	158	334	664	580	765	392	223	704	115	1,430	128	342	184	103	1,500	1,530
SB-104 (0-2)	0-2 ft	4/27/2023	1,420	356	1,750	5,890	4,120	5,950	2,380	1,850	5,540	898	9,660	590	2,270	255	197	6,600	10,700
SB-104 (2-4)	2-4 ft	4/27/2023	39.8	6.3J	26	62.1	54.2	73.3	40.7	24.4	76.4	9.3	130	12.2	32.9	200	184	197	107
SB-105 (0-2)	0-2 ft	4/27/2023	54.7	ND	53.4	210	182	334	171	103	329	55.4	312	ND	147	378	346	342	306
SB-106 (0-2)	0-2 ft	4/27/2023	4.1J	15.2	52.8	112	94.3	130	62.7	38.2	117	21.5	251	21.3	55.4	19.1	12.6	195	217
SB-107 (0-2)	0-2 ft	4/27/2023	34.2	20.6	69.4	256	252	372	175	110	266	42.9	510	23.9	161	40.2	30.5	259	457
SB-108 (0-2)	0-2 ft	4/27/2023	16.2	119	443	1,380	933	1,100	568	360	1,440	189	2,280	129	465	38.0	25.2	2,630	3,260
SB-109 (0-2)	0-2 ft	4/27/2023	10.3	11.2	47.7	164	152	210	100	64.8	174	32.0	326	14.0	92.6	121	90.5	230	303
SB-110 (0-2)	0-2 ft	4/27/2023	17.2	36.4	117	341	311	436	216	150	389	56.4	716	46.8	197	409	460	631	649
SB-111 (0-2)	0-2 ft	4/27/2023	11.1	15.6	35.2	129	95.7	143	68.7	40.2	191	22.0	192	21.7	54.7	746	516	439	213
SB-112 (0-2)	0-2 ft	4/27/2023	126	727	1,600	3,670	3,370	4,420	2,270	1,700	3,780	657	12,900	811	2,110	532	770	10,700	10,100
SB-112 (2-4)	2-4 ft	4/27/2023	136	3290	6,280	11,100	10,200	13,000	6,190	4,400	11,000	1,580	32,600	3,690	5,430	1,440	4,000	33,300	24,500
SB-113 (0-2)	0-2 ft	4/27/2023	136	501	1,330	2,550	2,420	3,130	1,540	1,050	2,500	443	6,350	504	1,470	252	331	4,960	5,580
SB-113 (2-4)	2-4 ft	4/27/2023	125	492	1,420	3,240	2,830	3,620	1,550	1,050	3,020	339	7,490	551	1,400	106	175	5,170	6,020
SB-114 (0-2)	0-2 ft	4/27/2023	13.8	10.4	26.6	95.9	78.6	129	57.8	40.2	140	17.2	165	14.8	50.8	500	378	286	158
SB-115 (0-2)	0-2 ft	4/27/2023	ND	ND	148	490	566	616	634	213	550	115	954	ND	363	ND	ND	575	925
SB-116 (0-2)	0-2 ft	4/27/2023	52.4	23.6	112	412	375	538	240	167	406	79.0	872	33.1	230	120	78.4	480	748
SB-117 (0-2)	0-2 ft	4/27/2023	178	246	876	2,450	2,260	3,250	1,510	1,010	2,390	400	5,330	313	1,440	214	227	3,000	4,580
SB-117 (2-4)	2-4 ft	4/27/2023	ND	ND	5.5 J	12.6	14	20.8	11.1	5.9	17.1	ND	31	ND	9.5	ND	ND	20.3	25.7
SB-118 (0-2)	0-2 ft	4/27/2023	108	300	813	1,960	1,560	2,170	884	649	1,890	302	4,120	349	862	185	169	3,170	3,700
SB-119 (0-2)	0-2 ft	4/27/2023	112	89.3	155	274	177	345	124	107	333	ND	724	114	632	113	620	813	587
SB-120 (0-2)	0-2 ft	4/27/2023	14.4	8.2	24.1	87.5	67.8	118	48.0	32.7	143	19.2	141	14.3	40.6	702	468	317	138
SB-121 (0-2)	0-2 ft	4/27/2023	1,690	173	1,090	4,550	4,250	6,080	2,550	1,780	4,420	939	7,290	263	2,510	154	137	2,110	7,420
SB-121 (2-4)	2-4 ft	4/27/2023	930	229	1,340	5,080	4,620	5,900	2,550	2,000	4,510	619	9,910	338	2,350	103	113	3,470	8,020
SB-122 (0-2)	0-2 ft	4/27/2023	10.1	4.9J	23.3	97.7	97.1	146	70.3	43.7	124	22.2	191	6.8	61.6	58.2	31.5	97.3	177
SB-123 (0-2)	0-2 ft	4/27/2023	5.0J	ND	17.8	61.3	63.4	92.5	48.6	27.4	76.7	13.4	146	5.0J	39.9	24.2	15.9	81.7	122
SB-124 (0-2)	0-2 ft	7/25/2023	14.6	19.0	68.7	216.0	232.0	276.0	135.0	88.2	198.0	37.5	484	20.4	132	12.8	13.1	240	399
SB-125 (0-2)	0-2 ft	7/25/2023	37.5	41.0	133.0	389.0	401.0	515.0	248.0	157.0	356.0	73.8	792	54.6	248	90.5	66.2	513	643
SB-126 (0-2)	0-2 ft	7/25/2023	ND	ND	81.0	248.0	268.0	337.0	185.0	101.0	229.0	48.6J	520	ND	163	ND	ND	309	406
SB-127 (0-2)	0-2 ft	7/25/2023	52.5J	104.0	249.0	656.0	668.0	867.0	403.0	261.0	595.0	119.0	1,390	127.0	403	121	121	984	1120
SB-128 (0-2)	0-2 ft	7/25/2023	60.3	83.6	233.0	537.0	550.0	722.0	336.0	214.0	483.0	97.3	1,160	139.0	325	87.4	140	877	895
SB-129 (0-2)	0-2 ft	7/25/2023	ND	ND	ND	149.0	164.0	224.0	130.0	77.0	172.0	ND	349	ND	121	ND	ND	164	256
SB-130 (0-2)	0-2 ft	7/25/2023	75.2	57.2J	221.0	738.0	763.0	908.0	478.0	372.0	682.0	141.0	1,530	84.4	476	105	101	878	1140
SB-131 (0-2)	0-2 ft	7/25/2023	972	1,380.0	3,900.0	7,800.0	6,790.0	8,500.0	3,550.0	3,010.0	6,740.0	1,140.0	18,000	3,700	437	667	1,2500	13,600	
SB-132 (0-2)	0-2 ft	7/25/2023	102	121	467.0	1,450.0	1,450.0	1,870.0	863.0	600.0	1,310.0	268.0	3,150	149.0	887	94.2	92.1	1,540	2,250
SB-133 (0-2)	0-2 ft	7/25/2023	77.0	112.0	332.0	977.0	935.0	1,250.0	585.0	401.0	925.0	175.0	2,220	138.0	573	178	225	1,370	1,610
SB-134 (0-2)	0-2 ft	7/25/2023	85.2	212.0	590.0	1,730.0	1,650.0	2,270.0	908.0	782.0	1,740.0	300.0	4,550	238.0	987	81	127	2,660	2,980
SB-135 (0-2)	0-2 ft	7/25/2023	ND	ND	ND	5.1J	5.8	9.3	9.1	ND	11.2	ND	9.2	ND	3.9J	ND	ND	8.5	8.7
SB-136 (0-2)	0-2 ft	7/25/2023	ND	52.2J	152.0	438.0	427.0	540.0	255.0	182.0	413.0	74.8	975	57.2	257	ND	ND	668	729
SB-137 (0-2)	0-2 ft	7/25/2023	115	67.5	316.0	853.0	1,100.0	1,240.0	934.0	422.0	825.0	231.0	2,050	74.2	830	ND	ND	1,040	1,620
SB-138 (0-2)	0-2 ft	7/25/2023	38.3J	469	926.0	2,190.0	2,230.0	2,680.0	1,230.0	969.0	2,110.0	336.0	5,190	447.0	1,240	59.3	69.1	3,640	3,820
SB-139 (0-2)	0-2 ft	7/25/2023	164	122	573.0	1,730.0	1,630.0	1,980.0	937.0	797.0	1,610.0	226.0	3,760	134.0	963	67.5	82.6	2,220	2,940
SB-140 (0-2)	0-2 ft	7/25/2023	56.6J	46.5J	174.0	516.0	499.0	621.0	298.0	235.0	492.0	90.4	1,130	51.4J	300	ND	ND	754	843
SB-141 (0-2)	0-2 ft	7/25/2023	62.9	93.4	265.0	921.0	955.0	1,220.0	563.0	432.0	862.0	175.0	1,960	95.0	573	ND	ND	1,020	1,460
SB-142 (0-2)	0-2 ft	7/25/2023	41.5	58.1	162.0	489.0	478.0	608.0	273.0	221.0	463.0	86.9	1,060	52.9	283	37.8	44	632	777
SB-143 (0-2)	0-2 ft	7/25/2023	9.6	12.1	43.6	157.0	160.0	194.0	92.0	76.5	146.0	27.7	321	11.6	94.3	16.7	17.7	145	249
SB-144 (0-2)	0-2 ft	7/25/2023	ND	ND	7.0	23.8	23.7	32.5	23.4	11.2	29.8	5.0J	57.2	ND	14.8	15	52.8	54.8	39.2
SB-145 (0-2)	0-2 ft	7/25/2023	80.1	86.1	265.0	896.0	901.0	1,070.0	522.0	425.0	851.0	157.0	1,940	92.9	525	80.3	75.7	1,080	1,480
SB-146 (0-2)	0-2 ft	7/25/2023	75.5	1,000.0	1,890.0	3,250.0	3,060.0	3,850.0	1,750.0	1,450.0	2,960.0	524.0	8,240	1,070.0	1,820	407	821	7,210	5,580

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 2 SOIL ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)																
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
CAS Number			208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018	129000
Residential Drinking Water Protection Criteria*			5.900	300.000	41.000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35.000	5.60E+04	4.80E+05
Groundwater Surface Water Interface Protection Criteria* (XII)			ID	8.700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5.500	5.300	NLL	4.200	730	2.100	ID
Residential Volatilization to Indoor Air Pathway			NA	2.0e05 nc	1.3e07 nc	1.6e5 (MM) mut	NA	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1,700 nc	330 (M) 67	1,700 nc	2.5e07 nc
Residential Direct Contact Criteria			1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07
Nonresidential Direct Contact Criteria			5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/kg																
SB-147 (0-2)	0-2 ft	7/25/2023	55.0J	84.5	240.0	727.0	723.0	885.0	421.0	334.0	685.0	126.0	1,470	90.9	428	72.3	77.7	931	1180
SB-148 (0-2)	0-2 ft	7/25/2023	ND	45.5J	167.0	569.0	600.0	722.0	352.0	270.0	533.0	100.0	1,270	41.1J	358	ND	ND	586	928
SB-149 (0-2)	0-2 ft	7/25/2023	38.9J	110	243.0	589.0	597.0	733.0	371.0	279.0	559.0	115.0	1,360	159.0	373	109	186	961	940
SB-150 (0-2)	0-2 ft	7/25/2023	54.8J	85.7	340.0	789.0	776.0	917.0	444.0	355.0	749.0	140.0	1,900	92.5	448	95.3	88.2	1340	1380
SB-151 (0-2)	0-2 ft	7/25/2023	8.0	8.8	23.1	52.7	54.8	67.1	33.2	25.8	52.3	9.1	130	9.7	32.4	5.7	5.1J	82.7	92.7
SB-152 (0-2)	0-2 ft	7/25/2023	24.6	28.3	92.2	275.0	270.0	350.0	146.0	110.0	245.0	47.3	580.0	34.6	153	21.7	20.3	326	430
SB-153 (0-2)	0-2 ft	7/25/2023	19.6	18.6	63.4	224.0	241.0	316.0	148.0	99.2	213.0	43.8	474	23.9	146	35.9	28	254	365
SB-154 (0-2)	0-2 ft	7/25/2023	19.4	20.0	73.5	252.0	269.0	340.0	168.0	114.0	239.0	48.7	534	27.8	165	40.3	34.4	265	427
SB-155 (0-2)	0-2 ft	7/25/2023	20.9J	25.7	132.0	354.0	357.0	462.0	209.0	144.0	335.0	61.3	800	32.9	211	65	49.7	468	617
SB-156 (0-2)	0-2 ft	7/25/2023	ND	19.7J	52.9	146.0	162.0	224.0	107.0	69.8	149.0	28.9	311	19.9J	109	ND	ND	185	235
SB-157 (0-2)	0-2 ft	7/25/2023	31.6	44.6	118.0	407.0	322.0	444.0	199.0	165.0	417.0	49.4	747	59.4	192	134	167	446	657
SB-158 (0-2)	0-2 ft	7/25/2023	112	1.660	2790.0	5060.0	4840.0	5860.0	2620.0	2300.0	4710.0	853.0	12,400	2200.0	2780	1320	2280	13300	9370

Notes:

Notes in parentheses and standard abbreviations are from Part 201 Rules 299.1 - 299.50, dated June 25, 2018

ID = Insufficient Data To Develop Criterion

NA = Not Applicable

M= The VIAP screening level may be below target detection limits (TDL). In accordance with SEC. 20120a(10) when the TDL for a hazardous substance is greater than the developed VIAP screening level, the TDL is used to evaluate the risk posed from the pathway.

nc = Non-Carcinogenic

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

ND = Concentration is not detected above laboratory detection limits

ND = Not Detected above laboratory reporting limits

NLV = Not Likely to Volatilize

NS = Not Sampled or Not Analyzed

* - Residential Drinking Water Criteria and Residential Groundwater Surface Water Interface Protection Criteria exceedances are not shown (site on municipal supply / no groundwater present: sea wall/sheet pile barrier along river)

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 3- STOCKPILE SOIL ANALYTICAL SUMMARY (METALS)			Michigan 10 Metals									
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Aluminum	Barium (B)	Cadmium (B)	Chromium (Total) (B+H)	Copper (B)	Lead (B)	Mercury (Total) (B-Z)	Selenium (B)	Silver (B)	Zinc (B)
			CAS Number	7440382	7440393	7440439	7440473	7440508	7439921	7439976	7782492	7440224
Statewide Default Background Levels (µg/kg)			5,800	75,000	1,200	NA	32,000	21,000	130	410	1,000	47,000
Residential Drinking Water Protection Criteria* (µg/kg)			4,600	1.3E+06	6,000	30,000	5.8E-06	7.0E-05	1,700	4,000	4,500	2.4E+06
Groundwater Surface Water Interface Protection Criteria* (XII) (µg/kg)			4,600	(G)	(G,X)	3,300	(G)	(G,X)	50 (M), 1.2	400	100 (M), 27	(G)
Residential Volatilization to Indoor Air Pathway (µg/kg)			NA	NA	NA	NA	NA	NA	50 (M) 22	NA	NA	NA
Residential Direct Contact Criteria (µg/kg)			7,600	3.7E+07	550,000	7.9E+08	2.0E+07	400,000	160,000	2.6E+06	2.5E+06	1.7E+08
Nonresidential Direct Contact Criteria (µg/kg)			37,000	1.3E+08	2,200,000	1.0E+09	7.3E+07	900,000	580,000	9.6E+06	9.0E+06	6.3E+08
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in µg/kg									
SP (E)-1	Stockpile	5/10/2023	6,640	116,000	1,120	13,400	38,900	164,000	526	5,400	126	132,000
SP (N)-1	Stockpile	5/10/2023	9,420	463,000	12,300	26,700	294,000	320,000	752	4,500	209	873,000
SP (N)-2	Stockpile	5/10/2023	7,190	353,000	4,650	18,400	172,000	304,000	588	4,440	124	258,000
SP (N)-3	Stockpile	5/10/2023	6,590	198,000	20,100	14,300	79,200	190,000	402	4,050	146	203,000
SP (N)-4	Stockpile	5/10/2023	7,300	304,000	7,220	24,200	175,000	252,000	464	4,020	103	309,000
SP (N)-5	Stockpile	5/10/2023	7,570	278,000	7,370	20,100	182,000	197,000	296	4,010	121	239,000
SP (N)-6	Stockpile	5/10/2023	10,300	482,000	13,900	28,500	383,000	434,000	711	5,400	212	493,000
SP (S)-1	Stockpile	5/10/2023	9,030	146,000	1,070	360,000	50,700	93,100	133J	3,790	65.7	121,000
DUP-1	Stockpile	5/10/2023	7,960	241,000	6,660	17,500	110,000	230,000	430	3,530	165	237,000

Notes:

Bold font indicates parameter exceeds the Statewide Default Background Level
 Notes in parentheses and standard abbreviations are from Part 201 Rules 299.1 - 299.50, dated June 25, 2018
 ID = Insufficient Data To Develop Criterion
 NA = Not Applicable

ND = Not Detected above laboratory reporting limits
 NLV = Not Likely to Volatilize
 NS = Not Sampled or Not Analyzed

M= The VIAP screening level may be below target detection limits (TDL). In accordance with SEC. 20120a(10) when the TDL for a hazardous substance is greater than the developed VIAP screening level, the TDL is used to evaluate the risk posed from the pathway.

nc = Non-Carcinogenic J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 ND or "<" = Concentration is not detected above laboratory detection limits

(B) = Background, as defined in R 2991. (b), may be substituted if higher than the calculated clean up criterion. Background levels may be less than criteria for some inorganic compounds
 (B*) = Background, as defined in R 2991. (b), may be substituted if higher than the calculated clean up criterion. Background levels may be less than criteria for some inorganic compounds. However, for Mercury for the Volatilization to Indoor Air Pathway, this footnote does not apply.
 (H) = Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the drinking water criterion of 100 µg/L. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI. Cr III soil cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land or resource use restriction. (If total chromium data is presented, that data shall be compared to the hex chrome cleanup criteria)

(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.

* - Residential Drinking Water Criteria and Residential Groundwater Surface Water Interface Protection Criteria exceedances are not shown (site on municipal supply / no groundwater present; sea wall/sheet pile barrier along river)

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 4 - STOCKPILE SOIL ANALYTICAL SUMMARY (SEMI-VOLATILE & VOLATILE ORGANIC COMPOUNDS)			SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)																			VOLATILE ORGANIC COMPOUNDS	
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Carbazole	Dibenzofuran	Remaining SVOCs	VOCs
CAS Number			208968	83329	120127	56553	50328	205992	191242	207089	218019	53703	206440	86737	193395	91576	91203	85018	129000	87688	132649	NA	NA
Residential Drinking Water Protection Criteria*			5,900	300,000	41,000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	5.70E+04	35,000	5.60E+04	4.80E+05	9,400	ID	NA	NA
Groundwater Surface Water Interface Protection Criteria* (XII)			ID	8,700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5,500	5,300	NLL	4,200	730	2,100	ID				
Residential Volatilization to Indoor Air Pathway			NA	2.0E05 nc	1.3E07 nc	1.6E5 (MM) mul	NA	NA	NA	NA	NA	NA	NA	4.7E5 nc	NA	1,700 nc	330 (M) 67	1,700 nc	2.5E07 nc	NA	4.10E+06	NA	NA
Residential Direct Contact Criteria			1.60E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	200,000	2.00E+06	2,000	4.60E+07	2.70E+07	20,000	8.10E+06	1.60E+07	1.60E+06	2.90E+07	5.30E+05	ID	NA	NA
Nonresidential Direct Contact Criteria			5.20E+06	1.30E+08	7.30E+08	80,000	8,000	80,000	7.00E+06	800,000	8.00E+06	8,000	1.00E+08	8.70E+07	80,000	2.60E+07	5.20E+07	5.20E+06	8.40E+07	2.40E+06	ID	NA	NA
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in µg/kg																				
SP (E)-1	Stockpile	5/10/2023	ND	ND	255J	403	364J	426	ND	178J	384J	ND	925	ND	ND	ND	ND	928	736	ND	ND	ND	ND
SP (N)-1	Stockpile	5/10/2023	ND	225J	763	2,790	2,400	2,730	1,300	1,130	2,740	379	4,950	207J	1,210	ND	ND	3,230	5,220	ND	ND	ND	ND
SP (N)-2	Stockpile	5/10/2023	ND	ND	487	1,840	1,750	1,900	938	851	1,870	251J	3,620	ND	817	ND	ND	2,260	3,500	208J	ND	ND	ND
SP (N)-3	Stockpile	5/10/2023	ND	ND	ND	556	517	600	272J	255J	575	ND	1,030	ND	257J	ND	ND	642	1,080	ND	ND	ND	ND
SP (N)-4	Stockpile	5/10/2023	ND	ND	287J	892	851	979	421	417	881	ND	1,810	ND	400	ND	ND	1,060	1,640	ND	ND	ND	ND
SP (N)-5	Stockpile	5/10/2023	ND	684	1,440	3,430	3,110	3,380	1,530	1,600	3,170	391	8,730	717	1,460	ND	244J	7,080	8,010	593	460	ND	ND
SP (N)-6	Stockpile	5/10/2023	238J	1,000	3,290	7,970	6,400	7,470	3,260	2,210	7,330	982	15,400	1,390	2,680	200J	408	13,900	15,900	899	848	ND	ND
SP (S)-1	Stockpile	5/10/2023	ND	259J	611	1,290	1,160	1,240	479	679	1,380	ND	3,170	326J	440	ND	ND	3,140	2,890	207J	ND	ND	ND
DUP-1	Stockpile	5/10/2023	ND	ND	ND	517	472	560	217J	263J	531	ND	1,030	ND	194J	ND	ND	550	951	ND	ND	ND	ND

Notes:

Notes in parentheses and standard abbreviations are from Part 201 Rules 299.1 - 299.50, dated June 25, 2018
 ID = Insufficient Data To Develop Criterion
 NA = Not Applicable
 M= The VIAP screening level may be below target detection limits (TDL). In accordance with SEC. 20120a(10) when the TDL for a hazardous substance is greater than the developed VIAP screening level, the TDL is used to evaluate the risk posed from the pathway.
 nc = Non-Carcinogenic
 J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 ND = Concentration is not detected above laboratory detection limits

ND = Not Detected above laboratory reporting limits
 NLV = Not Likely to Volatilize
 NS = Not Sampled or Not Analyzed

* - Residential Drinking Water Criteria and Residential Groundwater Surface Water Interface Protection Criteria exceedances are not shown (site on municipal supply / no groundwater present: sea wall/sheet pile barrier along river)

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 5- STOCKPILE SOIL ANALYTICAL SUMMARY (PCBs)			POLYCHLORINATED BIPHENYLS (PCBs)									
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018			PCB-1248 (Aroclor 1248)	PCB-1232 (Aroclor 1232)	PCB-1262 (Aroclor 1262)	PCB-1260 (Aroclor 1260)	PCB-1016 (Aroclor 1016)	PCB-1254 (Aroclor 1254)	PCB-1268 (Aroclor 1268)	PCB-1242 (Aroclor 1242)	PCB-1221 (Aroclor 1221)	PCB Total
			CAS Number	12672296	11141165	37324235	11096825	12674112	11097691	11100144	53469219	11104282
Residential Drinking Water Protection Criteria* (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NLL	
Groundwater Surface Water Interface Protection Criteria* (XII) (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NLL	
Residential Volatilization to Indoor Air Pathway (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	DATA	
Residential Direct Contact Criteria (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,000	
Nonresidential Direct Contact Criteria (µg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,000	
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/kg									
SP (E)-1	Stockpile	5/10/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP (N)-1	Stockpile	5/10/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP (N)-2	Stockpile	5/10/2023	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	6.9
SP (N)-3	Stockpile	5/10/2023	ND	ND	7.5J	ND	ND	ND	ND	ND	ND	7.5
SP (N)-4	Stockpile	5/10/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP (N)-5	Stockpile	5/10/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP (N)-6	Stockpile	5/10/2023	ND	ND	6.0J	ND	ND	ND	ND	ND	ND	6
SP (S)-1	Stockpile	5/10/2023	9.8J	ND	ND	ND	ND	ND	ND	ND	ND	9.8
DUP-1	Stockpile	5/10/2023	ND	ND	14.2J	ND	ND	ND	ND	ND	ND	14.2

Notes:

NA = Not Available

ND = Not Detected above laboratory reporting limits

DATA = Insufficient physical chemical parameters to calculate VIAP screening level for specified media

NLL = Not Likely to Leach

* - Residential Drinking Water Criteria and Residential Groundwater Surface Water Interface Protection Criteria exceedances are not shown (site on municipal supply / no groundwater present; sea wall/sheet pile barrier along river)

**100 Lenox Street
Detroit, Wayne County, Michigan**

TABLE 6 SOIL GAS ANALYTICAL SUMMARY			POLYCYCLIC AROMATIC HYDROCARBONS (PAH)									Metals
Michigan Department of Environment, Great Lakes, and Energy Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels/Part 213 Risk-Based Screening Levels, December 30, 2013, GSI Protection Criteria Updated June 25, 2018 and Volatilization of Indoor Air Pathway Screening levels from the EGLE Guidance Document for the Vapor Intrusion Pathway dated May 2013, Appendix D, updated September 4, 2020.			Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Fluorene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Mercury
			CAS Number	208968	83329	120127	56553	86737	91576	91203	85018	129000
Residential Volatilization to Indoor Air Pathway (VIAP)			7,300	7,300	35,000	5.8	4,900	350	25	3.5	3,500	10
Nonresidential Volatilization to Indoor Air Pathway (VIAP)			11,000	11,000	51,000	33	7,200	510	59	5.1	5,100	15
SAMPLE ID	SAMPLE DEPTH (feet below grade)	SAMPLE DATE	All results are expressed in ug/m3									
Field Blank	Ambient air	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-1	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-2	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-3	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-4	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-5	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-6	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-7	4 ft	8/16/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Laboratory analytical results are compared to the EGLE Volatilization to Indoor Air Pathway (VIAP) Screening Levels dated September 4, 2020.

ND = Concentration is not detected above laboratory detection limits

all data represented in ug/m3 = Micrograms per cubic meter

Footnotes: Analytical Results Table

Code	Definition
NA	Not Available
ID	Insufficient data to develop criterion.
NLL	means hazardous substance is not likely to leach under most soil conditions.
NLV	means hazardous substance is not likely to volatilize under most conditions.
MTBE	Methyl tert-butyl ether
EDB	Ethylene Dibromide, also known as 1,2-Dibromoethane
GRO-TPH	Gasoline Range Organics/Total Petroleum Hydrocarbons
(A)	State of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
(AA)	Use 10,000 ug/l where groundwater enters a structure through the use of a water well, sump or other device. Use 28,000 ug/l for all other uses.
(B)	Background, as defined in R 2991.1(b), may be substituted if higher than the calculated clean up criterion. Background levels may be less than criteria for some inorganic compounds.
(C)	The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level.
ca	Carcinogenic
(D)	Calculated criterion exceeds 100 percent; hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(DD)	Hazardous substances causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
(E)	Aesthetic drinking water value, as required by Section 2010a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). The acceptable air concentration (AAC) for the volatile hazardous substances is not derived using standard methods. The hazardous substance may cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The AAC for these hazardous substances is the acute or intermediate minimum risk level developed by the Agency for Toxic Substances and Disease Registry, a US EPA integrated risk information system acute reference concentration, or EGLE's Air Quality Division acute initial threshold screening level.
(EE)	
(F)	Adverse impacts to plant life and phytotoxicity The AAC for the volatile hazardous substances are based on toxicity values that have been identified to have the potential to cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The short-term exposure for shallow groundwater health based SSVIAC are based on modification of the standard methods by the department to develop applicable shallow groundwater values.
(FF)	
(G)	Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water.
(I)	Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. 261.21.
(J)	Estimated value. The result is greater than or equal to Method Detection Limits and less than the Limit of Quantitation
(JT)	Hazardous substance may be present in several isomer forms. The health-based SSVIAC may be used for the individual isomer provided that it is the sole isomer detected; however, when multiple isomers are detected in a medium, the isomer-specific concentrations must be added together and compared to the most restrictive health-based SSVIAC of the detected isomers.
(L)	Criteria for lead are derived using a biological based model, as allowed for under Section 20120a(9) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specific rules.
(M)	Site-specific criterion may be below target detection limits (TDL), therefore, the criterion defaults to the target detection limit.
nc	Non-Carcinogenic

Attachment 3 – Draft Property Survey Map

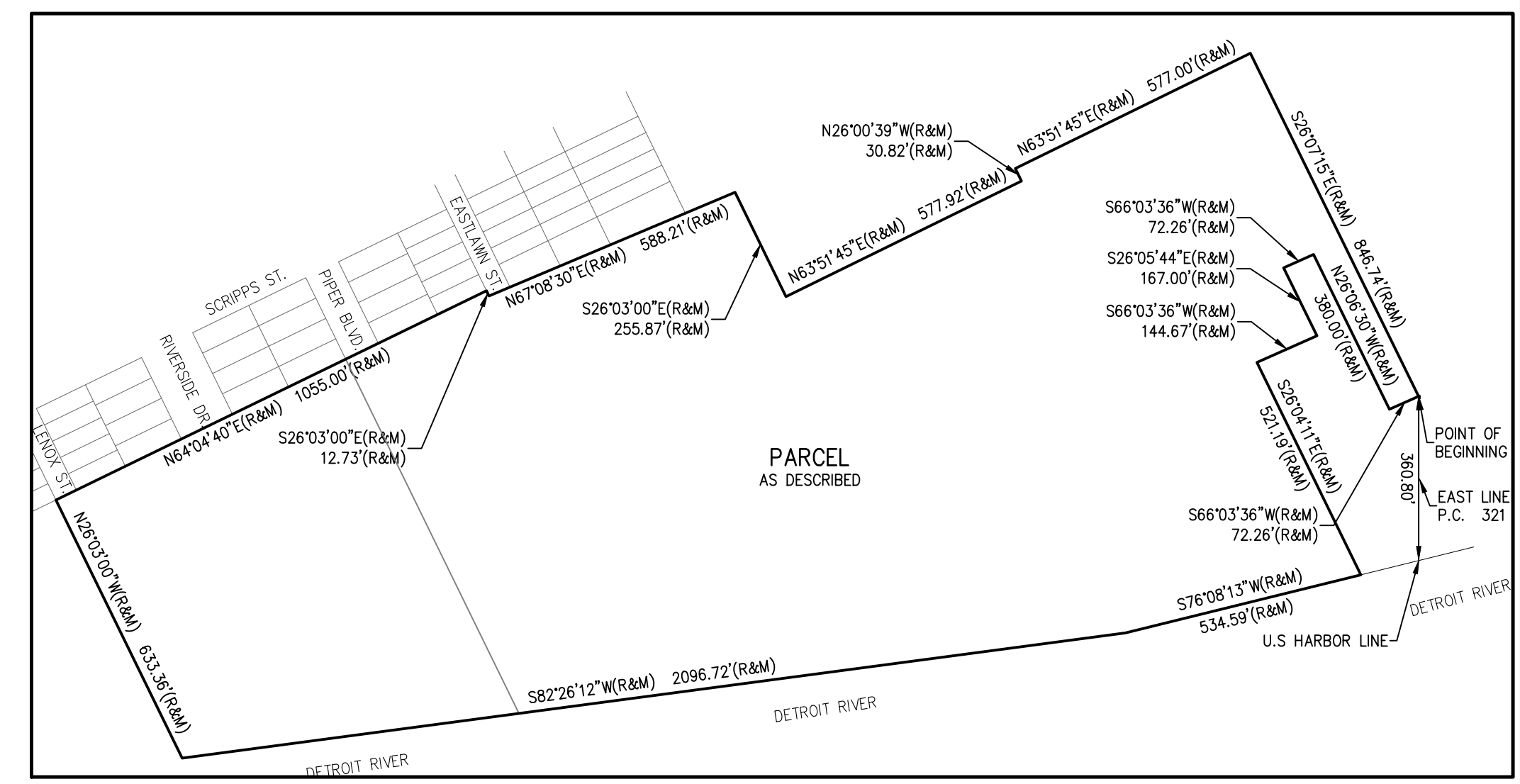
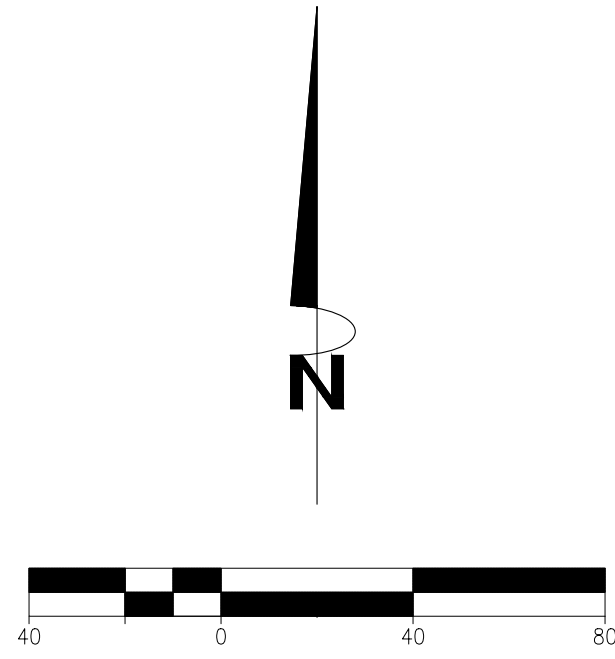


LEGAL DESCRIPTION (PARCEL ID: 21000110-6)
 LAND IN THE CITY OF DETROIT, COUNTY OF WAYNE, STATE OF MICHIGAN BEING DESCRIBED AS:

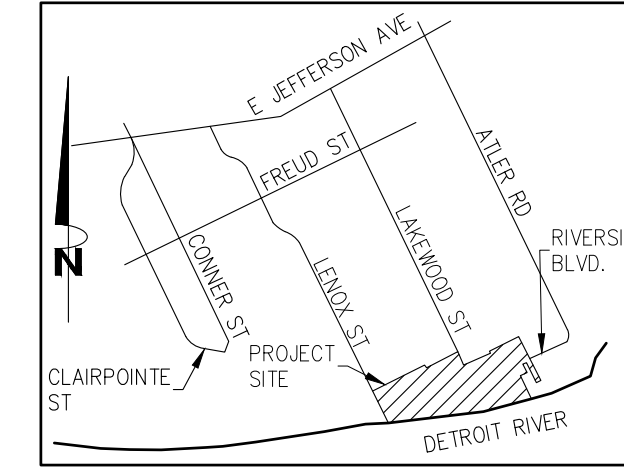
PART OF PRIVATE CLAIMS 689, 219, AND 321 DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT ON THE EAST LINE OF PRIVATE CLAIM 321, 360.80 FEET NORTHERLY ALONG SAID LINE FROM U.S. HARBOR LINE; THENCE S66°03'36"W, 72.26 FEET; THENCE S26°03'44"E, 167.00 FEET; THENCE S86°03'36"W, 144.67 FEET; THENCE S26°04'11"E, 521.19 FEET; THENCE S76°08'13"W, 534.59 FEET; THENCE S82°26'12"W, 2096.72 FEET; THENCE N26°03'00"W, 633.36 FEET; THENCE N64°04'40"E, 1055 FEET; THENCE S26°03'00"E, 12.73 FEET ALONG EAST LINE OF PRIVATE CLAIM 131; THENCE N67°08'30"E, 588.21 FEET; THENCE S26°03'00"E, 255.87 FEET; THENCE N63°51'45"E, 577.92 FEET; THENCE N26°00'39"W, 30.82 FEET; THENCE N63°51'45"E, 577.00 FEET; THENCE S26°07'15"E, 846.74 FEET TO THE POINT OF BEGINNING

BENCHMARK DATA:

NAVD88 DATUM
 SITE BENCHMARK
 MAG NAIL IN SOUTH FACE OF LIGHT POLE
 ELEVATION = 579.26 FEET



PROJECT SITE
 (SCALE: 1"=300')



LOCATION MAP
 (NOT TO SCALE)

NOTES:

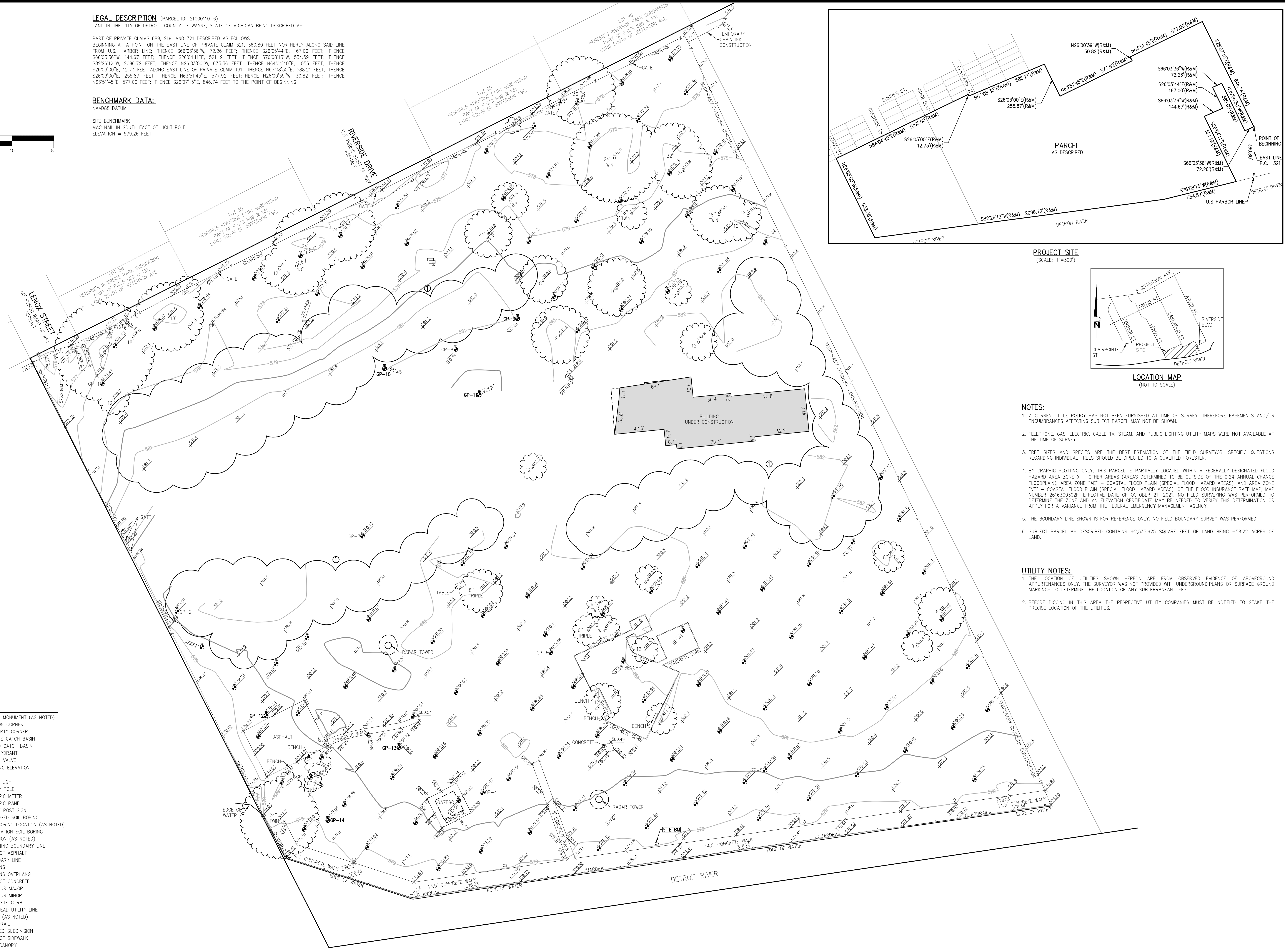
1. A CURRENT TITLE POLICY HAS NOT BEEN FURNISHED AT TIME OF SURVEY, THEREFORE EASEMENTS AND/OR ENCUMBRANCES AFFECTING SUBJECT PARCEL MAY NOT BE SHOWN.
2. TELEPHONE, GAS, ELECTRIC, CABLE TV, STEAM, AND PUBLIC LIGHTING UTILITY MAPS WERE NOT AVAILABLE AT THE TIME OF SURVEY.
3. TREE SIZES AND SPECIES ARE THE BEST ESTIMATION OF THE FIELD SURVEYOR. SPECIFIC QUESTIONS REGARDING INDIVIDUAL TREES SHOULD BE DIRECTED TO A QUALIFIED FORESTER.
4. BY GRAPHIC PLOTTING ONLY, THIS PARCEL IS PARTIALLY LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD AREA ZONE X - OTHER AREAS (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN), AREA ZONE "AE" - COASTAL FLOOD PLAIN (SPECIAL FLOOD HAZARD AREAS), AND AREA ZONE "AC" - COASTAL FLOOD PLAIN (SPECIAL FLOOD HAZARD AREAS), OF THE FLOOD INSURANCE RATE MAP, MAP NUMBER 26163C0302F, EFFECTIVE DATE OF OCTOBER 21, 2021. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THE ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
5. THE BOUNDARY LINE SHOWN IS FOR REFERENCE ONLY. NO FIELD BOUNDARY SURVEY WAS PERFORMED.
6. SUBJECT PARCEL AS DESCRIBED CONTAINS ±2,535,925 SQUARE FEET OF LAND BEING ±58.22 ACRES OF LAND.

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE OF ABOVEGROUND APERTURANCES ONLY. THE SURVEYOR WAS NOT PROVIDED WITH UNDERGROUND PLANS OR SURFACE GROUND MARKINGS TO DETERMINE THE LOCATION OF ANY SUBTERRANEAN USES.
2. BEFORE DIGGING IN THIS AREA THE RESPECTIVE UTILITY COMPANIES MUST BE NOTIFIED TO STAKE THE PRECISE LOCATION OF THE UTILITIES.

LEGEND:

- FOUND MONUMENT (AS NOTED)
- SECTION CORNER
- PROPERTY CORNER
- SQUARE CATCH BASIN
- ROUND CATCH BASIN
- FIRE HYDRANT
- WATER VALVE
- EXISTING ELEVATION
- TREE
- FLOOD LIGHT
- UTILITY POLE
- ELECTRIC METER
- ELECTRIC PANEL
- SINGLE POST SIGN
- PROPOSED SOIL BORING
- SOIL BORING LOCATION (AS NOTED)
- DELINEATION SOIL BORING
- LOCATION (AS NOTED)
- ADJOINING BOUNDARY LINE
- EDGE OF ASPHALT
- BOUNDARY LINE
- BUILDING
- BUILDING OVERHANG
- EDGE OF CONCRETE
- 800 CONTOUR MAJOR
- CONTOUR MINOR
- CONCRETE CURB
- OVERHEAD UTILITY LINE
- FENCE (AS NOTED)
- GUARDRAIL
- PLATTED SUBDIVISION
- EDGE OF SIDEWALK
- TREE CANOPY



NO.	DATE	BY	REVISION
1	07/12/2023	MEB	ADDITIONAL GROUND SHOTS TAKEN, FIELD WORK DONE 07-11-2023

CORE
LAND CONSULTING
 39446 Northwestern Hwy., Suite 140 • Farmington Hills, MI 48334
 Phone: (248) 932-7100 • Fax: (248) 932-7124
 Email: info@corelandconsulting.com • www.corelandconsulting.com

CLIENT:
 BRIAN LANCE
 L&R CONSTRUCTION
 P.O. BOX 7
 DAVENPORT, MI 48850

PROJECT LOCATION:
 141 WEST 8 MILE ROAD
 CITY OF DETROIT
 WAYNE COUNTY, MICHIGAN

DRAWN BY: NEM/MEB
CHECKED BY: MDL
FIELD WORK BY: MT, GD

811
 Know what's below.
 Call before you dig.

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SHEET:
 TOPOGRAPHICAL SURVEY

DATE: 04/20/2023
SCALE: 1" = 40'
PROJECT NO: 3709-03

Attachment 4 - Soil Boring Logs
(2023 Site Delineation)





Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-1 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass, topsoil	0.0	← Topsoil
1	Comp	0'-2'	1142	100%			0.0	← Native Material
2						SANDY CLAY, dark brown soil, moist with cobble	0.0	
3							0.0	← Bentonite
4						SANDY CLAY, grey backfill, brick, CLAY at 4'	0.0	

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY ▼ Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant: _____



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-2
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0					100%	Grass/topsoil dark brown	0.0	← Topsoil
1	Comp	0'-2'	1150			SANDY CLAY, dark brown backfill materials mixed, damp, low perm.	0.0	← Native Material
2	Comp	2'-4'	1150				0.0	← Bentonite
3						SANDY CLAY, light brown with backfill, damp, low perm.	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-3 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1155	100%		GRASS, dark brown clay with sand	0.0	← Topsoil
2						SANDY CLAY, brown, damp, low perm.	0.0	← Native Material
3						CLAY dark brown, backfill material, moist, rock layer 3.5 ft	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-4
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil brown soil	0.0	← Topsoil
1	Comp	0'-2'	1205		100%	SANDY CLAY with brick backfill, brown, moist	0.0	← Native Material
2	Comp	2'-4'	1205			SAND, brown fine grained	0.0	← Bentonite
3						SAND, dark brown fine grained	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe	Driller: Derek Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-5 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1230	100%		Grass/brown soil	0.0	← Topsoil
2						SANDY CLAY with brick backfill, brown, moist	0.0	← Native Material
3						SAND, Brown fine grained, damp	0.0	← Bentonite
4						SAND, dark brown damp fine grained	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: <u>Madelyn Haas</u> Drawn by: <u>Skyelar Dodd</u> Checked by: <u>Jessica Davis</u>	Drilling Co.: <u>TerraProbe</u> Drill Rig Type: <u>GeoProbe 6620</u>	Driller: <u>Derek</u> Assistant: _____



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-6 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1240			Grass/Topsoil brown	0.0	
2	Comp	2'-4'	1240	100%		SANDY CLAY, damp, brown	0.0	
3						CLAY, hard with brown backfill, damp, low perm.	0.0	
4						BRICK	0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
 Depth to water after drilling: NA
 Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant: _____



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-7
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1250	100%		Grass/brown topsoil	0.0	← Topsoil
2						SANDY CLAY, brown, damp and backfill	0.0	← Native Material
3						SANDY CLAY brown, damp	0.0	
4						SANDY CLAY, brown, moist, brick layer	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations	(Rec.) = RECOVERY (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE	(EOB) = END OF BORING Water Table
	Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis			



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-8
Start Date: 04/24/23
End Date: 04/24/23
Page: 1 of 1
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1254	100%		Grass	0.0	← Topsoil
CLAY, dark brown clay with backfill, damp						0.0	← Native Material	
SANDY CLAY, brown, moist, backfill						0.0	← Bentonite	
3								
4								

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-9 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass	0.0	← Topsoil
1	Comp	0'-2'	1257		100% 	CLAY, dark brown clay with backfill, damp	0.0	← Native Material
2	Comp	2'-4'	1257			SANDY CLAY, brown, moist, backfill	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-10
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass and topsoil	0.0	← Topsoil
1	Comp	0'-2'	1304		100%	SANDY CLAY, brown, moist, medium perm.	0.0	← Native Material
2	Comp	2'-4'	1304				0.0	
3						CLAY, brick layer, brown, moist, medium perm.	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-11
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass and topsoil	0.0	← Topsoil
1	Comp	0'-2'	1312		100%	SANDY CLAY with brick backfill, brown, damp, hard	0.0	← Native Material
2	Comp	2'-4'	1312			SANDY CLAY with brick backfill, brown, damp, hard, brick layer	0.0	← Bentonite
3							0.0	
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-12
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1317	100%		Grass/topsoil, dark brown clay	0.0	← Topsoil
2						SANDY CLAY with backfill, brown, hard, damp	0.0	← Native Material
3						SANDY CLAY with backfill, brown, hard, damp	0.0	← Bentonite
4						SANDY CLAY with backfill, brown, hard, damp	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-13 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1324	100%		SAND, brown with rock backfill, damp, hard	0.0	← Native Material
2						CLAY, grey/brown, hard, damp, low perm.	0.0	
3						SANDY CLAY, backfill	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-15 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1345	100%		SAND, Light brown fine grained, moist	0.0	← Native Material
2						CLAYEY SAND, brown with backfill material	0.0	
3						SANDY CLAY, backfill, dark brown, hard, dry	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: <u>Madelyn Haas</u> Drawn by: <u>Skyelar Dodd</u> Checked by: <u>Jessica Davis</u>	Drilling Co.: <u>TerraProbe</u> Drill Rig Type: <u>GeoProbe 6620</u>	Driller: <u>Derek</u> Assistant: _____



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-16
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1401	100%		Grass/topsoil	0.0	← Topsoil
1						SAND, fill, light brown, dry	0.0	← Native Material
2	EOB @ 2'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-17
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/24/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1417	100%		Grass/topsoil	0.0	← Topsoil
1						SAND, fill, light brown, dry	0.0	← Native Material
2	EOB @ 2'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-18 **Page:** 1 of 1
Start Date: 04/24/23 **End Date:** 04/24/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1424	100%	[Graphic: 100% recovery]	Grass/topsoil	0.0	← Topsoil
2						SAND, fill	0.0	← Native Material
3						SAND, fill with brick layer	0.0	← Bentonite
4						SAND, fill	0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE

— Clay [Symbol] Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY ▼ Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant: _____



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: **SB-19**
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0944	50%		Grass/soil	0.0	← Topsoil
2						SAND, light brown, fine grained, fill, damp	0.0	← Native Material
3						Refusal	NA	← Bentonite
4						Refusal	NA	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-20
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0910	100%		SAND, light brown, fine grained, fill, moist	0.0	← Native Material
2							0.0	
3							0.0	← Bentonite
4						CLAY, with concrete rocky backfill, brown, med moldable	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-21
Start Date: 04/25/23
End Date: 04/25/23
Page: 1 of 1
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0913	100%		SAND, brown, fine grained, damp	0.0	← Native Material
2						Gravel backfill	0.0	
3						SAND, brown, fine grained, damp	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-22 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0920	100%		Grass/topsoil	0.0	← Topsoil
2						SAND, light brown, fine grained	0.0	← Native Material
3						CLAY, grey-brown, damp, concrete backfill	0.0	← Bentonite
4						SANDY CLAY, damp, low perm	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-23 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0925		100% 	SAND, light brown, fine grained	0.0	← Native Material
2	Comp	2'-4'	0925			CLAY, grey-brown, damp, concrete backfill	0.0	← Bentonite
3						SANDY CLAY, damp, low perm	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-24 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0931		100% 	CLAYEY SAND, brown, fine grained with cobble, damp	0.0	← Native Material
2	Comp	2'-4'	0931			CLAY, brown, with sand, damp	0.0	← Bentonite
3						SANDY CLAY, dark brown with backfill, moist, wet at bottom	0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-25
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0948	100%		CLAY, dark brown, medium perm, moist	0.0	← Native Material
2						CLAY, hard, light grey, no perm	0.0	
3						CLAY, brown, low perm, damp, brick backfill	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-26
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0954	100%		CLAYEY SAND, brown fine grain, damp/moist	0.0	← Native Material
2						SANDY CLAY, brown, wet, high perm	0.0	
3						SANDY CLAY, brown, moist, high perm	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-27 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0					█	Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1000	100%		CLAY, brown, medium perm, moist	0.0	← Native Material
2						CLAY, light brown, damp, low perm	0.0	← Bentonite
3						CLAY, light brown, damp, low perm	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-28
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1005	100%		CLAYEY SAND, brown, fine grain, moist	0.0	← Native Material
2						SANDY CLAY, brown, hard, damp	0.0	
3							0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-29
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1012	100%		CLAY, dark brown, damp, hard, no perm	0.0	← Native Material
2						CLAY, brown, no perm, brick backfill	0.0	
3							0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-30 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1025		100% 	CLAY, brown, damp, low perm	0.0	← Native Material
2	Comp	2'-4'	1025			CLAYEY SAND, brick backfill, grey/brown, hard, no perm	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-31 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1033		100% 	CLAY, brown, damp, hard, low perm.	0.0	← Native Material
2	Comp	2'-4'	1033			CLAY, brown, damp, hard, low perm., some brick	0.0	← Bentonite
3						Gravel backfill	0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-32
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1125		100% 	SANDY CLAY with gravel backfill	0.0	← Native Material
2	Comp	2'-4'	1125			CLAY, brown, medium perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-33
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1127			Grass/topsoil	0.0	← Topsoil
2	Comp	2'-4'	1127	100%		CLAY, dark brown, moist	0.0	← Native Material
3						Brick Backfill, dry	0.0	
4						SANDY CLAY with gravel backfill, brown, damp	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE (EOB) = END OF BORING Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-34
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Concrete
1	Comp	0'-2'	1140		100% 	CLAY with some brick, medium soft, moist, medium perm.	0.0	← Native Material
2	Comp	2'-4'	1140			CLAYEY SAND with gravel backfill, grey, dry/damp	0.0	← Bentonite
3							0.0	
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-35 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1143		100%	SAND with gravel backfill, coarse grained	0.0	← Native Material
2	Comp	2'-4'	1143			CLAY with brick backfill, brown, damp, hard, no perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-36 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1145	100%		Grass/topsoil	0.0	← Topsoil
2						SAND, with gravel backfill, coarse grained	0.0	← Native Material
3						CLAY, brick backfill, brown, damp, hard, no perm.	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-37
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1147	100%		Grass/topsoil	0.0	← Topsoil
2						CLAY, dark brown, moist, medium perm.	0.0	← Native Material
3						CLAY, dark brown, moist, medium perm. some brick backfill	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-38 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1153		100% 	SANDY CLAY, coarse grained, brown, moist, no perm.	0.0	← Native Material
2	Comp	2'-4'	1153			CLAY with gravel, coarse sand, brown, damp, hard, no perm.	0.0	← Bentonite
3						CLAY with gravel, coarse sand, brown, damp, hard, no perm.	0.0	
4						Soft layer at 3.5 EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-39
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1202		100%	Grass/topsoil	0.0	← Topsoil
2						CLAYEY SAND with backfill, dark brown	0.0	← Native Material
3	Comp	2'-4'	1202			CLAYEY SAND with backfill, dark brown, soft clay, brown, high perm., moist/wet	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-40
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1210	100%		Grass/soil	0.0	← Topsoil
2						CLAYEY SAND, large gravel, dark brown, dry	0.0	← Native Material
3						SANDY CLAY, dark brown, coarse sand, damp, low perm.	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-41
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1216	100%		SANDY CLAY, dark brown, moist, coarse grained	0.0	← Native Material
2						SANDY CLAY, dark brown sandy clay, moist, coarse, saturated sand fine grain @ 3.5	0.0	← Bentonite
3							0.0	
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-42
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0					100%	Concrete	0.0	← Concrete
1	Comp	0'-2'	1221			SANDY CLAY, damp, grey brown, low perm.	0.0	← Native Material
2	Comp	2'-4'	1221				0.0	
3							0.0	← Bentonite
4	EOB @ 4'							

<p>(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE</p> <p> Clay Gravel </p>	<p>Borehole Observations</p> <p>Depth to water during drilling: NA</p> <p>Depth to water after drilling: NA</p> <p>Backfill : NA</p>	<p>(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE</p>
<p>Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis</p>	<p>Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620</p>	<p>Driller: Derek Assistant:</p>



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-43 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1225	100%	[Graphic: 100% recovery]	Grass/topsoil	0.0	← Topsoil
2						SAND, clay with brick, moist, low perm.	0.0	← Native Material
3						SAND, clay with brick, moist, low perm.	0.0	← Bentonite
4						SAND, clay with brick, moist, low perm.	0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE

Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-44
Start Date: 04/25/23
End Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/soil	0.0	← Topsoil
1	Comp	0'-2'	1233	100%		CLAYEY SAND, dark brown, moist, medium perm.	0.0	← Native Material
2						SAND, light brown	0.0	
3						CLAY, backfill material, brown, hard, no perm.	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE

Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY ▼ Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-45
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
	Comp	0'-2'	1330	100%		Grass/soil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, moist, medium perm.	0.0	← Native Material
2						SAND, light brown	0.0	← Bentonite
3						CLAY, backfill material, brown, hard, no perm.	0.0	
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-46
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1334		100%	Grass/topsoil	0.0	← Topsoil
2	Comp	2'-4'	1334			SAND, clay with brick, moist, low perm.	0.0	← Native Material
3							0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-47 **Page:** 1 of 1
Start Date: 04/25/23 **End Date:** 04/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1340	100%		Grass/topsoil	0.0	← Topsoil
2						SAND, with gravel backfill, coarse grained	0.0	← Native Material
3						CLAY, brick backfill, brown, damp, hard, no perm.	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-48
Start Date: 04/25/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/25/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/soil	0.0	← Topsoil
1	Comp	0'-2'	1345	100%		CLAYEY SAND, dark brown, moist, medium perm.	0.0	← Native Material
2						SAND, light brown	0.0	
3						CLAY, backfill material, brown, hard, no perm.	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-49
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0							0.0	← Sand
1	Comp	0'-2'	0916	100%		SAND, fill	0.0	← Native Material
2							0.0	
3							0.0	← Bentonite
4						CLAY, brown grey with some fine sand, moist, high perm.	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-50 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0							0.0	← Sand
1	Comp	0'-2'	0920		100%	SAND, fill	0.0	← Native Material
2	Comp	2'-4'	0920				0.0	← Bentonite
3						CLAYEY SAND, dark brown, coarse grained, moist	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-52
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0924	100%		Playground top	0.0	
2						CLAYEY SAND, brown, fine, damp	0.0	
3						SANDY CLAY, brick backfill	0.0	
4						CLAY, dark brown, some sand, high perm., moist	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-53
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0928	100%		Playground top	0.0	← Concrete
2						CLAYEY SAND, brown, fine with brick	0.0	← Native Material
3						SAND, fine grained, damp, light brown	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-54
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0930		100%	CLAYEY SAND, brown, fine with brick	0.0	← Native Material
2	Comp	2'-4'	0930			SAND, fine grained, damp, light brown	0.0	← Bentonite
3								
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-55
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0947	100%		CLAY, brown, coarse grained sand, hard, low perm.	0.0	← Native Material
2						CLAY, brown, coarse grained sand, hard, low perm., some brick	0.0	
3						CLAY, brown, coarse grained sand, high perm., moist	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-56 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0950	100%		CLAY, brown, coarse grained sand, hard, low perm.	0.0	← Native Material
2						CLAY, brown, coarse grained sand, hard, low perm., some brick	0.0	
3						CLAY, brown, coarse grained sand, high perm., moist	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-57
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0955		100%	CLAY, brown, coarse grained sand, hard, low perm.	0.0	← Native Material
2	Comp	2'-4'	0955			CLAY, brown, coarse grained sand, hard, low perm., some brick	0.0	
3						CLAY, brown, coarse grained sand, high perm., moist	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-58
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0958		100% 	CLAY, brown, coarse grained sand, hard, low perm.	0.0	← Native Material
2	Comp	2'-4'	0958			CLAY, brown, coarse grained sand, hard, low perm., some brick	0.0	← Bentonite
3						CLAY, brown, coarse grained sand, high perm., moist	0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-59
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1015		100% 	CLAY, dark brown, with brick backfill, damp, hard	0.0	← Native Material
2	Comp	2'-4'	1015			CLAY, dark brown, with brick backfill, damp, soft at bottom	0.0	← Bentonite
3							0.0	
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica David	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-60
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1019	100%		Grass/topsoil	0.0	← Topsoil
2						CLAY, dark brown, with brick backfill, damp, hard	0.0	← Native Material
3						CLAY, dark brown, with brick backfill, damp, soft at bottom	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-61 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1022	100%		Grass/topsoil	0.0	← Topsoil
2						CLAY, dark brown, brick backfill, damp, hard	0.0	← Native Material
3						CLAY, dark brown, brick backfill, damp, soft at bottom	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: <u>Madelyn Haas</u> Drawn by: <u>Skyelar Dodd</u> Checked by: <u>Jessica Davis</u>	Drilling Co.: <u>TerraProbe</u> Drill Rig Type: <u>GeoProbe</u>	Driller: <u>Derek</u> Assistant: _____



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-62 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1026		100%	Grass/Topsoil	0.0	← Topsoil
2	Comp	2'-4'	1026			CLAY, dark brown, brick backfill, damp, hard	0.0	← Native Material
3							0.0	
4						CLAY, dark brown, brick backfill, damp, soft at bottom	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-63
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0							0.0	
1	Comp	0'-2'	1030		100%	CLAY, brown, hard, low perm., damp	0.0	← Native Material
2	Comp	2'-4'	1030				0.0	← Bentonite
3							0.0	
4						CLAY, brown, hard, low perm., moist, soft at bottom	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-64 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0							0.0	<div style="border-left: 2px solid black; border-right: 2px solid black; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <p>← Native Material</p> <p>← Bentonite</p> </div> </div>
1	Comp	0'-2'	1034			CLAY, brown, hard, low perm., damp	0.0	
2	Comp	2'-4'	1034	100%			0.0	
3						CLAY, brown, hard, low perm., moist, soft at bottom	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-65 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction	
0					100%		0.0		
1	Comp	0'-2'	1037			CLAY, brown, hard, low perm., damp	0.0		← Native Material
2	Comp	2'-4'	1037				0.0		← Bentonite
3						CLAY, brown, hard, low perm., moist, soft at bottom	0.0		
4						EOB @ 4'			

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe
Boring Number: SB-66
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1041		100%	Grass/topsoil	0.0	← Topsoil
2	Comp	2'-4'	1041			SANDY CLAY, brown/grey, damp, low perm., hard	0.0	← Native Material
3							0.0	
4						CLAY, dark brown, moist, soft, high perm.	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-67
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1047	100%		Grass/topsoil	0.0	← Topsoil
2						SANDY CLAY, brown/grey, damp, low perm., hard	0.0	← Native Material
3						CLAY, dark brown, moist, soft, high perm.	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-68
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1115	100%		Grass/topsoil	0.0	← Topsoil
2						CLAYEY SAND, coarse grained, dark brown/black, damp	0.0	← Native Material
3						CLAYEY SAND, coarse grained, dark brown/black, damp	0.0	← Bentonite
4						CLAYEY SAND, coarse grained, dark brown/black, damp	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-69
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1120		100%	Grass/topsoil	0.0	← Topsoil
2	Comp	2'-4'	1120			SANDY CLAY, moist, hard clay, brown/grey, damp, low perm.	0.0	← Native Material
3							0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-70 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0							0.0	<div style="border-left: 2px solid black; border-right: 2px solid black; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <p>← Native Material</p> <p>← Bentonite</p> </div> </div>
1	Comp	0'-2'	1123			CLAY, some gravel, dry, hard, no perm	0.0	
2				100%			0.0	
3						CLAY, some gravel, dry, hard, no perm, brick backfill	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-71
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1126		100%	SAND, dark brown coarse grained with gravel, brick, dry	0.0	← Sand
2	Comp	2'-4'	1126			CLAYEY SAND, coarse grained, wet, soft, dark brown	0.0	← Native Material
3							0.0	
4						SANDY CLAY, some gravel, dark brown, wet, high perm.	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-72
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1129		100%	SAND, dark brown coarse grained with gravel, brick, dry	0.0	← Sand
2	Comp	2'-4'	1129			CLAYEY SAND, coarse grained, wet, soft, dark brown	0.0	← Native Material
3							0.0	
4						SANDY CLAY, some gravel, dark brown, wet, high perm.	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-73
Start Date: 04/26/23
End Date: 04/26/23
Page: 1 of 1
Casing: N/A
Casing Diameter: N/A
Length: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1131		100%	Grass/topsoil	0.0	← Topsoil
2	Comp	2'-4'	1131			CLAY, hard, grey, brown, low perm.	0.0	← Native Material
3							0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY ▼ Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-74
Start Date: 04/26/23
End Date: 04/26/23
Page: 1 of 1
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1137		100% 	Grass/soil	0.0	← Topsoil
2	Comp	2'-4'	1137			CLAY, hard, grey, brown, low perm.	0.0	← Native Material
3							0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-75
Start Date: 04/26/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/26/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Concrete	0.0	← Concrete
1	Comp	0'-2'	1143		100% 	CLAYEY SAND, dry, dark brown	0.0	← Native Material
2	Comp	2'-4'	1143			CLAY, grey/brown, soft, damp, medium perm.	0.0	← Bentonite
3						CLAY, grey/brown, soft, damp, medium perm., some backfill	0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-76 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1152			CLAY, dark to light brown, soft, medium perm., moist	0.0	← Native Material
2	Comp	2'-4'	1152	100%			0.0	← Bentonite
3						SANDY CLAY, coarse grained, dark to light brown, soft, low perm.	0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-76 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction	
0					100%		0.0		
1	Comp	0'-2'	1152			CLAY, dark to light brown, soft, medium perm., moist	0.0		← Native Material
2	Comp	2'-4'	1152				0.0		← Bentonite
3						SANDY CLAY, coarse grained, dark to light brown, soft, low perm.	0.0		
4						EOB @ 4'			

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-77 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1157		100% 		0.0	← Native Material
2	Comp	2'-4'	1157			CLAY, dark brown/grey, hard, damp, no perm.	0.0	
3							0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-78 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1349				0.0	← Native Material
2	Comp	2'-4'	1349	100%		CLAY, brown, moist, hard, low perm.	0.0	
3							0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-79 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Concrete	0.0	← Concrete
1	Comp	0'-2'	1307				0.0	← Native Material
2	Comp	2'-4'	1307	100%		CLAY, brown, moist, hard, low perm.	0.0	
3							0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-80 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1319		100% 	SANDY CLAY, brown, dry	0.0	← Native Material
2	Comp	2'-4'	1319			SANDY CLAY, dark brown, fine grained, damp, hard, no perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-81 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1322			SANDY CLAY, brown, dry	0.0	← Native Material
2	Comp	2'-4'	1322	100%		SANDY CLAY, dark brown, fine, damp, hard, no perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
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 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-82 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1328		100% 	SANDY CLAY, brown, dry	0.0	← Native Material
2	Comp	2'-4'	1328			SANDY CLAY, dark brown, fine, damp, hard, no perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-83 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1331			SANDY CLAY, brown, dry	0.0	← Native Material
2	Comp	2'-4'	1331	100%		SANDY CLAY, dark brown, fine, damp, hard, no perm.	0.0	← Bentonite
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-84 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1347	100%		SANDY CLAY, brown, dry	0.0	← Native Material
2						SANDY CLAY, dark brown, fine grained, damp, hard, no perm. brick/gravel backfill	0.0	← Bentonite
3						SANDY CLAY, dark brown, fine grained, damp, hard, no perm. brick/gravel backfill	0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-85 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1355			SAND, coarse grained, dark brown, damp	0.0	← Native Material
2	Comp	2'-4'	1355	100%		CLAYEY SAND, fine to coarse grained , moist to wet, perm.	0.0	← Bentonite
3							0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-86 **Page:** 1 of 1
Start Date: 04/26/23 **End Date:** 04/26/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1403			SAND, coarse grained, dark brown, damp	0.0	← Native Material
2	Comp	2'-4'	1403	100%		CLAYEY SAND, fine to coarse grained , moist to wet, perm.	0.0	← Bentonite
3							0.0	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-87
Start Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/27/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	0927	100%		CLAYEY SAND, dry, light brown, grey, cobble mixed in/ coarse grained sand	0.0	← Native Material
2							0.0	
3							0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA

Depth to water after drilling: NA

Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-88
Start Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Page: 1 of 1
End Date: 04/27/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass/topsoil	0.0	← Topsoil
1	Comp	0'-2'	1003	100%		CLAYEY SAND, dry, light brown, grey, cobble mixed in/ coarse grained sand	0.0	← Native Material
2						SAND, dark brown/black, fine/coarse grained, moist, brick mixed in	0.0	← Bentonite
3							0.0	
4								EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: GeoProbe

Boring Number: SB-89 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
						Grass/Topsoil	0.0	← Topsoil
1	Comp	0'-2'	0931		100% 		0.0	← Native Material
2	Comp	2'-4'	0931			CLAYEY SAND, dark brown, moist gravel at 1.5-2.0, medium perm.	0.0	
3						CLAY, hard, light brown, damp, no perm, dark brown/black some fine/medium grained sand, dry	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-90
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0936		100%	Grass, Topsoil	0.0	← Topsoil
2				SANDY CLAY, light brown, damp		0.0	← Native Material	
3	Comp	2'-4'	0930			SANDY CLAY, light brown, brick damp, CLAY, light brown @ 4'	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-91
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

Page: 1 of 1

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0944		100%	Grass/soil	0.0	← Topsoil
2				CLAY, brown, with gravel, damp		0.0	← Native Material	
3	Comp	2'-4'	0944			CLAYEY SAND, dark brown, coarse, moist	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-92 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0950			Grass/soil	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	0950	100%		CLAY, brown, some fine gravel, damp	0.0	
4						CLAYEY SAND, dark brown, coarse grain, moist	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY ▼ Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-93 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0956	100%		Grass, Topsoil	0.0	← Topsoil
1						SANDY CLAY, brown, fine grain, medium perm., damp	0.0	← Native Material
2							0.0	← Bentonite
3							0.0	
4					Concrete/gravel backfill, brick/clay, dry	0.0		

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-94 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	0959			Grass, Topsoil	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	0959	100%		CLAY, grey-brown, hard, low/no perm., damp	0.0	
4						Gravel/brick backfill	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY ▼ Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-95 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1001		100%	Grass, Topsoil	0.0	← Topsoil
2						CLAYEY SAND, dark brown, with bark/roots, damp	0.0	← Native Material
3	Comp	2'-4'	1001			SANDY CLAY, grey, high perm., moist	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-96
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1009			Grass/soil	0.0	← Topsoil
2				100%		CLAYEY SAND, brown, fine grain, some cobble, moist	0.0	← Native Material
3	Comp	2'-4'	1009			SANDY CLAY, dark brown, low perm., damp	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-97 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1013		100%	Grass, Topsoil	0.0	← Topsoil
2				CLAYEY SAND, dark brown, fine grain, moist		0.0	← Native Material	
3	Comp	2'-4'	1013			CLAY grey-brown, medium perm., moist	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe
Boring Number: SB-98
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1017	100%		Grass, Topsoil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, fine grain, moist	0.0	← Native Material
2							0.0	← Bentonite
3							0.0	
4						CLAY, grey-brown, medium perm., moist	0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

▼ Water Table

Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-99 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1020			Grass, Topsoil	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	1020	100%		CLAY, grey-brown, hard, no/low perm, dry	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-100 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1026			Grey/brown clay, dry, hard, no/low perm.	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	1026	100%		CLAY, grey-brown, hard, no/low perm., dry	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-101 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1038			Grass, Topsoil	0.0	← Topsoil
2				100%		CLAY, grey-brown, hard, no perm, dry	0.0	← Native Material
3	Comp	2'-4'	1038				0.0	
4							0.0	← Bentonite
EOB @ 4'								

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-102 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1117			Grass, Topsoil	0.0	← Topsoil
2						SAND, dark brown, coarse grain, moist	0.0	← Native Material
3	Comp	2'-4'	1117	100%		CLAY, brown, low perm moist	0.0	
4						SAND, red-brown, fine grain, moist	0.0	← Bentonite
EOB @ 4'								

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-103 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1120			Grass, Topsoil	0.0	← Topsoil
2						Brick layer	0.0	← Native Material
3	Comp	2'-4'	1120	100%		SAND, medium grain, some fine gravel, damp	0.0	
4						SAND, brown, coarse grain, wet	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-104 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1129			Grass, Topsoil	0.0	← Topsoil
2				100%		CLAY, dark brown, hard, damp, some brick	0.0	← Native Material
3	Comp	2'-4'	1129				0.0	
4							0.0	← Bentonite
EOB @ 4'								

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-105 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1132			Grass, Topsoil	0.0	← Topsoil
2				100%		CLAY, dark brown, hard, damp, some brick	0.0	← Native Material
3	Comp	2'-4'	1132				0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe
Boring Number: SB-106
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1139			Grass, Topsoil	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	1139	100%		CLAY, dark brown, low perm., damp	0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-107 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1142		100%	Grass, Topsoil	0.0	← Topsoil
2				CLAY, dark brown, hard, low perm., damp		0.0	← Native Material	
3	Comp	2'-4'	1142	SANDY CLAY, brown, coarse sand, damp/moist		0.0	← Bentonite	
4				CLAY, brown, soft, wet		0.0		

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-108 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1145			Grass, Topsoil	0.0	← Topsoil
2						CLAY, brown, low perm., damp	0.0	← Native Material
3	Comp	2'-4'	1145	100%		SAND, light brown, fine grain, moist	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-109 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1151			Grass, Topsoil	0.0	← Topsoil
2						CLAY, brown, low perm., damp	0.0	← Native Material
3	Comp	2'-4'	1151	100%		SAND, light brown, fine grain moist	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-110 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1200			Grass, Topsoil	0.0	← Topsoil
2				100%			0.0	← Native Material
3	Comp	2'-4'	1200			Fine grain sand, dark brown, moist	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-111
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1205			Grass, Topsoil	0.0	← Topsoil
2							0.0	← Native Material
3	Comp	2'-4'	1205	100%		SAND, dark brown, fine grain, moist	0.0	
4							0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY
(NA) = NOT APPLICABLE

▼ Water Table

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-112 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1240			Grass, Topsoil	0.0	← Topsoil
2						CLAYEY SAND, black/dark brown, medium grain, damp	0.0	← Native Material
3	Comp	2'-4'	1240	100%		SAND, brown, fine grain, moist	0.0	
4						Brick	0.0	← Bentonite

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe
Boring Number: SB-113
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1244			Grass/ soil	0.0	← Topsoil
2						CLAYEY SAND, black/dark brown, medium grain, damp	0.0	← Native Material
3	Comp	2'-4'	1244	100%		SAND, brown, fine grain, moist	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY ▼ Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

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Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-114 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1248	100%		Grass/ soil	0.0	← Topsoil
1						CLAYEY SAND, black/dark brown, medium grain, damp	0.0	← Native Material
2						SAND, brown, fine grain, moist	0.0	← Bentonite
3						Brick	0.0	
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-115 **Page:** 1 of 1
Start Date: 04/27/23 **End Date:** 04/27/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1251			Grass/ Topsoil	0.0	← Topsoil
2						CLAYEY SAND, medium grain, black/dark brown, damp	0.0	← Native Material
3	Comp	2'-4'	1251	100%		SAND, fine grain, brown, moist	0.0	← Bentonite
4						EOB @ 4'	0.0	

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill: NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas	Drilling Co.: TerraProbe	Driller: Derek
Drawn by: Skyelar Dodd	Drill Rig Type: Geoprobe 6620	Assistant:
Checked by: Jessica Davis		



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-116
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								← Topsoil
1	Comp	0'-2'	1254			Grass/ soil	0.0	← Native Material
2				100%		SAND, fine grain, black, moist	0.0	
3	Comp	2'-4'	1254			SAND, fine grain, gravel layer, dry	0.0	← Bentonite
4						Clay, grey/brown, firm, moist	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-117
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0						Grass, Topsoil	0.0	← Topsoil
1	Comp	0'-2'	1259				0.0	← Native Material
2				100%		CLAY, grey/brown, coarse sand, brick, damp	0.0	
3	Comp	2'-4'	1259				0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-118
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1310			Grass, topsoil	0.0	← Topsoil
2						SAND, coarse grain, dark brown/black, moist, fine gravel at 1.5'	0.0	← Native Material
3	Comp	2'-4'	1310	100%		SAND, coarse grain, dark brown/black, moist	0.0	← Bentonite
4						Brick/gravel	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-119
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A
Length: N/A

Page: 1 of 1

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1331			Grass, topsoil	0.0	← Topsoil
2				100%		SAND, coarse grain, dark brown/black, moist, fine gravel at 1.5'	0.0	← Native Material
3	Comp	2'-4'	1331			SAND, coarse grain, dark brown/black, moist	0.0	← Bentonite
4						Brick/gravel	0.0	

EOB @ 4'

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
 Depth to water after drilling: NA
 Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-120
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/27/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1336			Grass, Topsoil	0.0	← Topsoil
2				100%			0.0	← Native Material
3	Comp	2'-4'	1336			SAND, fine grain brown/black, dry	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Skyelar Dodd Checked by: Jessica Davis	Drilling Co.: TerraProbe Drill Rig Type: Geoprobe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-121
Start Date: 04/27/23
End Date: 04/27/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0								
1	Comp	0'-2'	1338			Grass, Topsoil	0.0	← Topsoil
2				100%			0.0	← Native Material
3	Comp	2'-4'	1338			SAND, fine grain brown/black, dry	0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay
 Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Skyelar Dodd
Checked by: Jessica Davis

Drilling Co.: TerraProbe
Drill Rig Type: Geoprobe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-123
Start Date: 04/24/23
Casing: N/A
Casing Diameter: N/A
Screen Slot Size: N/A
Screen Diameter: N/A

Page: 1 of 1
End Date: 04/27/23
Length: N/A
Length: N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1348			Grass, Topsoil	0.0	← Topsoil
1						Clay, brown with some brick/gravel, dry	0.0	← Bentonite
2	Comp	2'-4'	1348	100%			0.0	
3							0.0	
4								0.0

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE 	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Water Table
Logged by: Madelyn Haas Drawn by: Skylar Dodd Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-124 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0938			Grass, Topsoil	0.0	← Topsoil
1						SILTY SAND, dark brown, coarse grain with fine gravel, some brick, damp	0.0	← Bentonite
2	Comp	2'-4'	0940	100%	0.0			
3					0.0			
4						SAND, brown, fine to medium grained, damp	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-125 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0945			Grass, Topsoil	0.0	← Topsoil
1						SILTY SAND, dark brown, coarse grain with fine cobble, some brick, damp	0.0	
2	Comp	2'-4'	0946	100%		SILTY SAND, dark brown, coarse grain with fine gravel, some brick, damp	0.0	
3						SAND, light brown, coarse grained, with cobble, damp	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-126 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0950			Grass, Topsoil	0.0	← Topsoil
1						SILTY CLAY, gray-brown, black coarse sand, with brick, damp	0.0	
2	Comp	2'-4'	0952	100%		SILTY SAND, gray, large gravel, damp	0.0	
3						SILTY SAND, dark brown, damp	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-127 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0954			Grass, Topsoil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, fine grained, with brick, dry	0.0	
2	Comp	2'-4'	0956	100%		SILTY SAND, dark brown, coarse grained, dry	0.0	
3						SAND, brown, coarse grained, with fine gravel and brick, dry	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-128 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	0959			Grass, Topsoil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, coarse grained, with brick, damp	0.0	
2	Comp	2'-4'	1001	100%		SILTY SAND, dark brown, coarse grained, dry	0.0	
3						SAND, light brown, coarse grained, dry	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-129 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1027			Grass, Topsoil	0.0	← Topsoil
1						SILTY SAND, brown, some fine gravel, dry	0.0	
2	Comp	2'-4'	1029	100%	SAND, light brown, fine grained, fine gravel, dry	0.0		
3					SILTY SAND, dark brown, coarse grained, damp	0.0	← Bentonite	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-130 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1035			Grass, Topsoil	0.0	← Topsoil
1						SILTY SAND, brown, some fine gravel, dry	0.0	
2	Comp	2'-4'	1037	100%		SAND, light brown, fine grained, fine gravel, dry	0.0	
3						SILTY SAND, dark brown, coarse grained, damp	0.0	← Bentonite
4	EOB @ 4'							

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Logged by: Madelyn Haas
Drawn by: Jessica Davis
Checked by: Jessica Davis

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill : NA

Drilling Co.: Terraprobe
Drill Rig Type: GeoProbe 6620

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-131 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1040			Grass, Topsoil	0.0	← Topsoil
1						100%	SILTY SAND, dark brown, some fine gravel, damp	0.0
2	Comp	2'-4'	1042	0.0				
3				0.0				
4						SILTY SAND, brown-gray, coarse-fine grained, brick, dry	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-132 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1049			Grass, Topsoil	0.0	← Topsoil
1						SILTY SAND, dark brown, some fine gravel, damp	0.0	
2	Comp	2'-4'	1050	100%	0.0		← Bentonite	
3					0.0			
4						SILTY SAND, brown-gray, coarse-fine grained, brick, dry	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-133 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1100			Grass, Topsoil	0.0	← Topsoil
1						0.0		
2	Comp	2'-4'	1102	100%		SILTY SAND, dark brown, some fine gravel, damp	0.0	
3							0.0	← Bentonite
4							0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-134 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1109			Concrete	0.0	← Topsoil
1						SAND, dark brown, coarse grained, dry	0.0	
2	Comp	2'-4'	1111	100%		SAND, gray-brown, coarse grained, dry	0.0	
3						SAND, gray-brown, coarse grained, dry	0.0	← Bentonite
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-136 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1124			Grass, Topsoil	0.0	← Topsoil
1						SAND, brown, coarse grained, with fine gravel, dry	0.0	
2	Comp	2'-4'	1125	100%	0.0		← Bentonite	
3				0.0				
4						SANDY CLAY, gray-light brown, with gravel, dry	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-137 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1127			Grass, Topsoil	0.0	← Topsoil
1						SAND, brown, coarse grained, with fine gravel, dry	0.0	
2	Comp	2'-4'	1129	100%	0.0		← Bentonite	
3				0.0				
4						SANDY CLAY, gray-light brown, with gravel, dry	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-138 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1346			Grass, Topsoil	0.0	← Topsoil
1						 100%	SANDY CLAY, dark brown, fine gravel, dry	0.0
2	Comp	2'-4'	1348	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-139 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1147			Grass, Topsoil	0.0	← Topsoil
1						SANDY CLAY, brown, hard, fine gravel, brick, dry	0.0	
2	Comp	2'-4'	1149	100%		SANDY CLAY, brown, hard, dry	0.0	
3						SANDY CLAY, brown, hard, dry	0.0	← Bentonite
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-140 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1241			Grass, Topsoil	0.0	← Topsoil
1						100% 	SANDY CLAY, brown, hard, some fine gravel, dry	0.0
2	0.0							
3								
4	Comp	2'-4'	1242			0.0		

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-141 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1259			Grass, Topsoil	0.0	← Topsoil
1						SAND, dark brown, coarse grained, dry	0.0	
2	Comp	2'-4'	1301	100%	0.0		← Bentonite	
3					0.0			
4						SANDY CLAY, gray brown, with fine gravel, dry	0.0	

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-142 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1304			Grass, Topsoil	0.0	← Topsoil
1						SAND, dark brown, loam, damp, some brick	0.0	
2	Comp	2'-4'	1306	100%		SANDY CLAY, brown, with brick, some fine gravel, dry	0.0	
3						0.0	← Bentonite	
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-143 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1307			Grass, Topsoil	0.0	← Topsoil
1		2'-4'	1307	100%		SANDY CLAY, gray-brown, hard, dry	0.0	← Bentonite
2	Comp						0.0	
3							0.0	
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-144 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1309			Grass, Topsoil	0.0	← Topsoil
1						100% 	SANDY CLAY, gray, fine with some coarse grained, dry	0.0
2	Comp	2'-4'	1311	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-145 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1316			Grass, Topsoil	0.0	← Topsoil
1						 100%	SANDY CLAY, gray-brown, coarse grained, dry	0.0
2	Comp	2'-4'	1316	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY ▼ Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Jessica Davis
Checked by: Jessica Davis

Drilling Co.: Terraprobe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-146 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1313			Grass, Topsoil	0.0	← Topsoil
1						0.0		
2	Comp	2'-4'	1315	100%		SANDY CLAY, brown, hard, with fine gravel, dry	0.0	
3						0.0	← Bentonite	
4						0.0		

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-147 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1319			Grass, Topsoil	0.0	← Topsoil
1						100% 	SANDY CLAY, brown, hard, with fine gravel, dry	0.0
2	Comp	2'-4'	1321	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-148 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1324			Grass, Topsoil	0.0	← Topsoil
1						100% 	SANDY CLAY, brown, hard, with fine gravel, dry	0.0
2	Comp	2'-4'	1326	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

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Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-149 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1330			Grass, Topsoil	0.0	← Topsoil
1						100% 	SANDY CLAY, dark brown, hard, damp	0.0
2	Comp	2'-4'	1332	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-150 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	13336			Grass, Topsoil	0.0	← Topsoil
1						CLAY, gray, with some fine sand, moist	0.0	
2	Comp	2'-4'	1337	100%		SAND, gray, coarse grained, with fine gravel, dry	0.0	← Bentonite
3						CLAY, gray, with fine sand, moist	0.0	
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-151 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1353			Grass, Topsoil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, damp	0.0	
2	Comp	2'-4'	1355	100%		SANDY CLAY, brown-gray, dry	0.0	← Bentonite
3						0.0		
4						EOB @ 4'		

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-153 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1400			Grass, Topsoil	0.0	← Topsoil
1						 100%	SANDY CLAY, brown, coarse grained, with fine gravel, damp	0.0
2	Comp	2'-4'	1401	0.0				
3				0.0				
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-154 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1434		100%	Grass, Topsoil	0.0	← Topsoil
1						SAND, dark brown, coarse grained, dry	0.0	
2	Comp	2'-4'	1436		100%	CLAYEY SAND, brown, hard, medium gravel, dry	0.0	
3						CLAYEY SAND, black, with medium gravel, dry	0.0	← Bentonite
4								

EOB @ 4'

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-155 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1437			Grass, Topsoil	0.0	← Topsoil
1						CLAYEY SAND, dark brown, coarse grained, damp	0.0	← Bentonite
2	Comp	2'-4'	1438		CLAYEY SAND, dark brown, wood debris, coarse grained, damp	0.0		
3					SANDY CLAY, gray-brown, dry	0.0		
4	EOB @ 4'							

(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:



Soil Boring Log

46555 Humboldt Drive
 Suite 100
 Novi, MI 48377
 Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-156 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1446			Grass, Topsoil	0.0	← Topsoil
1						SAND, brown, fine gravel, coarse grained, dry	0.0	
2	Comp	2'-4'	1448	100%		CLAYEY SAND, gray-brown, with fine gravel, damp	0.0	← Bentonite
3						CLAY, gray, with some coarse grained sand, damp	0.0	
4	EOB @ 4'							

(HA) = HAND AUGER
 (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
 (GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill : NA

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY Water Table
 (NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Jessica Davis
Checked by: Jessica Davis

Drilling Co.: Terraprobe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-157 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction	
0	Comp	0'-2'	1454			Concrete	0.0		Topsoil
1						SAND, dark brown, loam, some fine cobble, damp	0.0		
2	Comp	2'-4'	1456	100%	0.0		Bentonite		
3					0.0				
4						SAND, dark gray, loam, damp	0.0		

EOB @ 4'

(HA) = HAND AUGER
(AK) = AIR KNIFE (DS) = DISTURBED SAMPLE
(GP) = GEOPROBE
 Clay Gravel

Borehole Observations

Depth to water during drilling: NA
Depth to water after drilling: NA
Backfill: NA

(Rec.) = RECOVERY (EOB) = END OF BORING
(bgs) = Below Ground Surface
(NR) = NO RECOVERY Water Table
(NA) = NOT APPLICABLE

Logged by: Madelyn Haas
Drawn by: Jessica Davis
Checked by: Jessica Davis

Drilling Co.: Terraprobe
Drill Rig Type: GeoProbe 6620

Driller: Derek
Assistant:



Soil Boring Log

46555 Humboldt Drive
Suite 100
Novi, MI 48377
Phone: (248) 669-5140

Project Name: 100 Lenox
Site Location: 100 Lenox Street
City, State: Detroit, MI 48215
Boring Diameter: 2.25"
Drilling Method: Geoprobe

Boring Number: SB-158 **Page:** 1 of 1
Start Date: 07/25/23 **End Date:** 07/25/23
Casing: N/A
Casing Diameter: N/A **Length:** N/A
Screen Slot Size: N/A
Screen Diameter: N/A **Length:** N/A

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE TIME	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPMV	Boring Construction
0	Comp	0'-2'	1500			Concrete	0.0	← Topsoil
1						100%		SAND, brown, coarse grained, some gravel, brick layer at 2', damp
2	0.0							
3	0.0							
4	Comp	2'-4'	1502					

EOB @ 4'

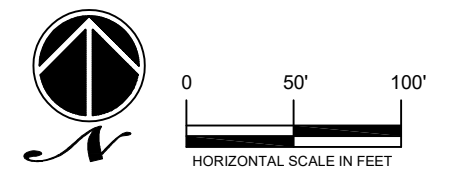
(HA) = HAND AUGER (AK) = AIR KNIFE (DS) = DISTURBED SAMPLE (GP) = GEOPROBE Clay Gravel	Borehole Observations Depth to water during drilling: NA Depth to water after drilling: NA Backfill : NA	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY ▼ Water Table (NA) = NOT APPLICABLE
Logged by: Madelyn Haas Drawn by: Jessica Davis Checked by: Jessica Davis	Drilling Co.: Terraprobe Drill Rig Type: GeoProbe 6620	Driller: Derek Assistant:

Attachment 5 – Previous Analytical
Maps/Tables/Soil Boring Logs





- SUBJECT PROPERTY BOUNDARY
- SUBJECT PROPERTY BUILDING
- DELINEATION SOIL BORING LOCATION
- SOIL BORING LOCATION



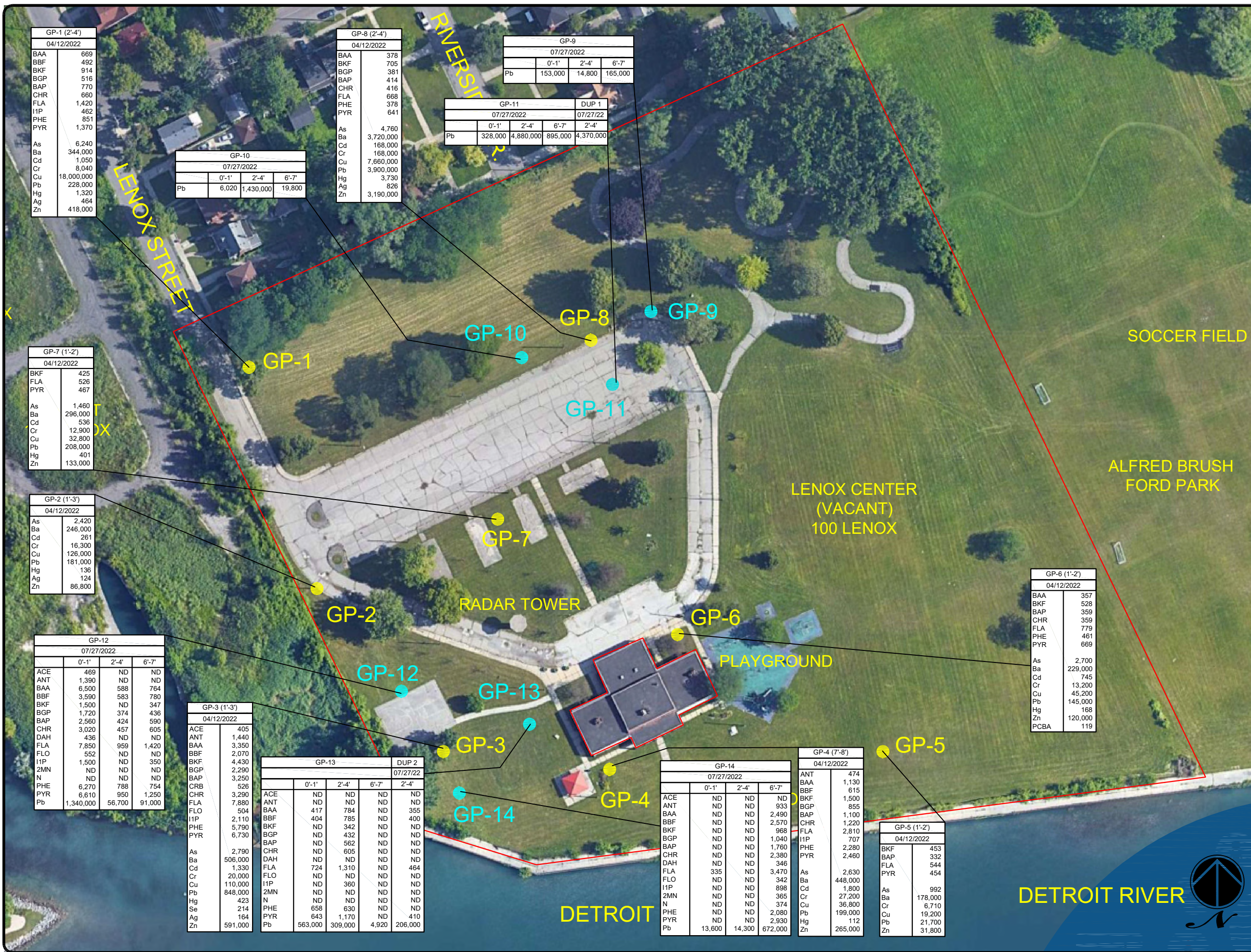
ATLAS

1735 E MCNICHOLS
 DETROIT, MICHIGAN
 PH: 616-698-3131
 FAX: 616-698-1922
 WEBSITE: WWW.ONEATLAS.COM

DATE: 06/13/2022	PROJECT NO.: 188BS22189
DRAWN BY: DTB	SCALE: AS SHOWN
REVIEWED BY: KL	FIGURE 1

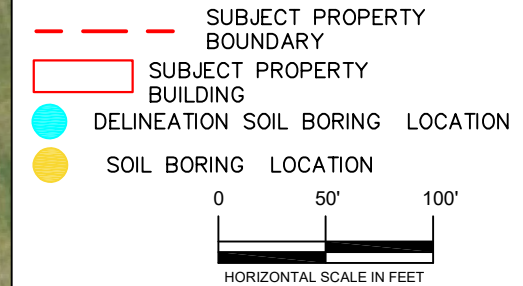
SAMPLE LOCATION MAP

Lenox Center Property
 100 Lenox Street
 Detroit, Michigan



LEGEND

- SAMPLE LOCATION (SAMPLE DEPTH)
 SAMPLE DATE
 SAMPLE DEPTH
- PNAs:
 ACE- Acenaphthene
 ANT- Anthracene
 BAA- Benzo(a)anthracene
 BBF- Benzo(b)fluoranthene
 BKF- Benzo(k)fluoranthene
 BGP- Benzo(g,h,i)perylene
 BAP- Benzo(a)pyrene
 CRB- Carbazole
 CHR- Chrysene
 DAH- Dibenzo(a,h)anthracene
 DNB- Di-n-butylphthalate
 DBF- Dibenzofuran
 FLA- Fluoranthene
 FLO- Fluorene
 I1P- Indeno(1,2,3-cd)pyrene
 2MN- 2-Methylnaphthalene
 N- Naphthalene
 PHE- Phenanthrene
 PYR- Pyrene
- Metals:
 As- Arsenic
 Ba- Barium
 Cd- Cadmium
 Cr- Chromium
 Cu- Copper
 Pb- Lead
 Hg- Mercury
 Se- Selenium
 Ag- Silver
 Zn- Zinc
- PCBA- PCB AROCLOR 1260
 (µg/kg) - All concentrations in micrograms per kilogram
 PNA- Polynuclear Aromatic Hydrocarbons
 ND- Analytes below laboratory detection limits
 DUP Analytical results are found on analytical tables.



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DATE: 08/12/2022	PROJECT NO.: 188BS22189
DRAWN BY: DTB	SCALE: AS SHOWN
REVIEWED BY: KL	FIGURE 2

SOIL ANALYTICAL MAP

Lenox Center Property
 100 Lenox Street
 Detroit, Michigan

GP-1 (2'-4')	
04/12/2022	
BAA	669
BBF	492
BKF	914
BGP	516
BAP	770
CHR	660
FLA	1,420
I1P	462
PHE	851
PYR	1,370
As	6,240
Ba	344,000
Cd	1,050
Cr	8,040
Cu	18,000,000
Pb	228,000
Hg	1,320
Ag	464
Zn	418,000

GP-8 (2'-4')	
04/12/2022	
BAA	378
BKF	705
BGP	381
BAP	414
CHR	416
FLA	668
PHE	378
PYR	641
As	4,760
Ba	3,720,000
Cd	168,000
Cr	168,000
Cu	7,660,000
Pb	3,900,000
Hg	3,730
Ag	826
Zn	3,190,000

GP-9			
07/27/2022			
	0'-1'	2'-4'	6'-7'
Pb	153,000	14,800	165,000

GP-11				
07/27/2022				
DUP 1				
	07/27/22			
	0'-1'	2'-4'	6'-7'	2'-4'
Pb	328,000	4,880,000	895,000	4,370,000

GP-10			
07/27/2022			
	0'-1'	2'-4'	6'-7'
Pb	6,020	1,430,000	19,800

GP-7 (1'-2')	
04/12/2022	
BKF	425
FLA	526
PYR	467
As	1,460
Ba	296,000
Cd	536
Cr	12,900
Cu	32,800
Pb	208,000
Hg	401
Zn	133,000

GP-2 (1'-3')	
04/12/2022	
As	2,420
Ba	246,000
Cd	261
Cr	16,300
Cu	126,000
Pb	181,000
Hg	136
Ag	124
Zn	86,800

GP-12				
07/27/2022				
	0'-1'	2'-4'	6'-7'	
ACE	469	ND	ND	
ANT	1,390	ND	ND	
BAA	6,500	588	764	
BBF	3,590	583	780	
BKF	1,500	ND	347	
BGP	1,720	374	436	
BAP	2,560	424	590	
CHR	3,020	457	605	
DAH	436	ND	ND	
FLA	7,850	959	1,420	
FLO	552	ND	ND	
I1P	1,500	ND	350	
2MN	ND	ND	ND	
N	ND	ND	ND	
PHE	6,270	788	754	
PYR	6,610	950	1,250	
Pb	1,340,000	56,700	91,000	

GP-3 (1'-3')	
04/12/2022	
ACE	405
ANT	1,440
BAA	3,350
BBF	2,070
BKF	4,430
BGP	2,290
BAP	3,250
CHR	526
CHR	3,290
FLA	7,880
FLO	504
I1P	2,110
PHE	5,790
PYR	6,730
As	2,790
Ba	506,000
Cd	1,330
Cr	20,000
Cu	110,000
Pb	848,000
Hg	423
Se	214
Ag	164
Zn	591,000

GP-13				
DUP 2				
	07/27/22			
	0'-1'	2'-4'	6'-7'	2'-4'
ACE	ND	ND	ND	ND
ANT	ND	ND	ND	ND
BAA	417	784	ND	355
BBF	404	785	ND	400
BKF	ND	342	ND	ND
BGP	ND	432	ND	ND
BAP	ND	562	ND	ND
CHR	ND	605	ND	ND
DAH	ND	ND	ND	ND
FLA	724	1,310	ND	464
FLO	ND	ND	ND	ND
I1P	ND	360	ND	ND
2MN	ND	ND	ND	ND
N	ND	ND	ND	ND
PHE	658	630	ND	ND
PYR	643	1,170	ND	410
Pb	563,000	309,000	4,920	206,000

GP-14			
07/27/2022			
	0'-1'	2'-4'	6'-7'
ACE	ND	ND	ND
ANT	ND	ND	933
BAA	ND	ND	2,490
BBF	ND	ND	2,570
BKF	ND	ND	968
BGP	ND	ND	1,040
BAP	ND	ND	1,760
CHR	ND	ND	2,380
DAH	ND	ND	346
FLA	335	ND	3,470
FLO	ND	ND	342
I1P	ND	ND	898
2MN	ND	ND	365
N	ND	ND	374
PHE	ND	ND	2,080
PYR	ND	ND	2,930
Pb	13,600	14,300	672,000

GP-4 (7'-8')	
04/12/2022	
ANT	474
BAA	1,130
BBF	615
BKF	1,500
BGP	855
BAP	1,100
CHR	1,220
FLA	2,810
I1P	707
PHE	2,280
PYR	2,460
As	2,630
Ba	448,000
Cd	1,800
Cr	27,200
Cu	36,800
Pb	199,000
Hg	112
Zn	265,000

GP-6 (1'-2')	
04/12/2022	
BAA	357
BKF	528
BAP	359
CHR	359
FLA	779
PHE	461
PYR	669
As	2,700
Ba	229,000
Cd	745
Cr	13,200
Cu	45,200
Pb	145,000
Hg	168
Zn	120,000
PCBA	119

GP-5 (1'-2')	
04/12/2022	
BKF	453
BAP	332
FLA	544
PYR	454
As	992
Ba	178,000
Cr	6,710
Cu	19,200
Pb	21,700
Zn	31,800



○ Lead above direct contact criteria

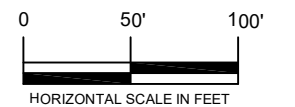
○ Benzo(a)pyrene above direct contact criteria

--- SUBJECT PROPERTY BOUNDARY

▭ SUBJECT PROPERTY BUILDING

● DELINEATION SOIL BORING LOCATION

● SOIL BORING LOCATION



1735 E MCNICHOLS
DETROIT, MICHIGAN
PH: 616-698-3131
FAX: 616-698-1922
WEBSITE: WWW.ONEATLAS.COM

DATE:
8/12/2022

PROJECT NO.:
188BS22189

DRAWN BY:
DTB

SCALE:
AS SHOWN

REVIEWED BY:
KL

FIGURE 3

**Lead and Benzo(a)pyrene
Direct Contact Criteria
Exceedances**
Lenox Center Property
100 Lenox Street
Detroit, Michigan



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-1 **Page:** 1
Start Date: 03/12/22 **End Date:** 04/12/22
Casing: PVC - Temporary
Casing Diameter: 1" **Length:** 4'
Screen Slot Size: 0.010"
Screen Diameter: 1" **Length:** 5'

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction	
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		← Native soils	
1	HA			12"			0.0		
2	HA			12"					
3	HA	2-4'	GP-1	12"		CLAY, gray to discolored, sandy, with brick, moist.			0.1
4	HA			12"					
5	HA			12"		Clay, brown and gray, sandy, with brick, moist.			0.0
6	GP			12"					
7	GP			12"		SAND, black, coarse to medium grained, moist.			0.0
8	GP			12"					
9	GP			12"		SAND, dark gray, silty, with brick, moist.			0.1
10	GP			12"					
11	GP			12"		Sand, gray, silty, moist.			0.0
12	GP			12"					
13	GP			12"		CLAY, gray, sandy, moist. Limited Recovery.			0.0
14	GP			12"					
15	GP			12"					0.0
16	GP			12"		CLAY, gray sandy, stiff. Limited Recovery.			0.0
17	GP			12"					
18	GP			6"				0.0	
19					End of Boring				
20									
21									
22									
23									
24									
25									

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength
Logged by: Andrew Temerowski
Drawn by: Andrew Temerowski
Checked by: Kevin LaForge

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____

Backfill: Native Backfill and Bentonite

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

Driller: Scott Seals
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100 Novi, MI 48377 Phone: (248) 669-5140 Fax: (248) 669-5147	Project Number: 188BS22164 Project Name: Lenox Center Property Site Location: 100 Lenox Street City, State: Detroit, Michigan Boring Diameter: 4" HA/2.25" Macrocore Drilling Method: Hand Auger / Macrocore	Boring Number: GP-2 Start Date: 04/12/22 Casing: PVC - Temporary Casing Diameter: 1" Length: 4' Screen Slot Size: 0.010" Screen Diameter: 1" Length: 5'	Page: 1 End Date: 04/12/22
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FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction	
0	HA			12"		TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots			
1	HA	1-3'	GP-2	12"		SAND, dark brown, coarse to medium grained, with brick, moist.	0.0		
2	HA			12"			0.0		
3	HA			12"					0.0
4	HA			12"		SAND, brown, coarse to medium grained, moist.	0.0		
5	HA			12"			0.0		
6	GP			12"		SAND, bark brown, coarse to medium grained with gravel, wet. Temporary Monitoring well set at 2-7' BSG, sample collected.	0.0		
7	GP			12"			0.0		
8	GP			12"		CLAY, gray, sandy.	0.0		← Native soils
9	GP			12"		CLAY, brown to dark brown, sandy, moist. Limited recovery. Temporary Monitoring well set at 5-10' BSG, sample collected.	0.0		
10	GP			12"			0.0		
11	GP			12"			0.0		
12					End of Boring				
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE (AK) = AIR KNIFE (GP) = Geoprobe (SS) = SPLIT SPOON bpf = blows per foot (qP) = Penetrometer Unconfined Compressive Strength Logged by: Andrew Temerowski Drawn by: Andrew Temerowski Checked by: Kevin LaForge	Borehole Observations After Drilling Immediately after: _____ Hrs. after: _____ Backfill: Native Backfill and Bentonite Drilling Co.: Terra Probe Drill Rig Type: Geoprobe	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Driller: Scott Seals Assistant: _____
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Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-3 **Page:** 1
Start Date: 04/12/22 **End Date:** 04/12/22
Casing: PVC - Temporary
Casing Diameter: 1" **Length:** 4'
Screen Slot Size: 0.010"
Screen Diameter: 1" **Length:** 5"

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		
1	HA			12"		CLAY, brown and gray, sandy with gravel, moist.	0.0	← Native soils
2	HA	1-3'	GP-3	12"			0.0	
3	HA			12"			0.0	
4	HA			12"		0.0		
5	HA			12"		CLAY, gray, sandy, stiff to clay gray sandy, moist, soft.	0.0	
6	GP			12"			0.0	
7	GP			12"		CLAY, dark gray, sandy with gravel, moist.	0.0	
8	GP			12"			0.0	
9	GP			12"		SAND, dark gray, course to medium grained, silty, moist	0.0	
10	GP			12"			0.0	
11	GP			12"			0.0	
12	GP			12"			0.0	
13	GP			12"			0.0	
14	GP			12"			0.0	
15	GP			12"			0.0	
16	GP			12"			0.0	
17	GP			12"	0.0			

End of Boring

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength
Logged by: Andrew Temerowski
Drawn by: Andrew Temerowski
Checked by: Kevin LaForge

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite
Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE
Driller: Scott Seals
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100 Novi, MI 48377 Phone: (248) 669-5140 Fax: (248) 669-5147	Project Number: <u>188BS22164</u> Project Name: <u>Lenox Center Property</u> Site Location: <u>100 Lenox Street</u> City, State: <u>Detroit, Michigan</u> Boring Diameter: <u>4" HA/2.25" Macrocore</u> Drilling Method: <u>Hand Auger / Macrocore</u>	Boring Number: <u>GP-4</u> Page: <u>1</u> Start Date: <u>04/12/22</u> End Date: <u>04/12/22</u> Casing: <u>PVC - Temporary</u> Casing Diameter: <u>1"</u> Length: <u>4'</u> Screen Slot Size: <u>0.010"</u> Screen Diameter: <u>1"</u> Length: <u>5"</u>
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FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction	
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots			
1	HA			12"			0.1		
2	HA			12"		CLAY, brown and gray, sandy, moist.			
3	HA			12"			0.1		
4	HA			12"					
5	HA			12"		SAND, black with gravel, wet.			1.5
6	GP			12"					
7	GP			12"		CLAY, gray, sandy with brick, moist.			2.5
8	GP	7-8'	GP-4	12"					
9	GP			12"			0.0		
10	GP			12"		STONE AND BRICK, wet. Temporary Monitoring well set at 4.5-9.5' BSG, sample collected.			0.0
11	GP			12"					
12						End of Boring			
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE (AK) = AIR KNIFE (GP) = Geoprobe (SS) = SPLIT SPOON bpf = blows per foot (qP) = Penetrometer Unconfined Compressive Strength Logged by: <u>Andrew Temerowski</u> Drawn by: <u>Andrew Temerowski</u> Checked by: <u>Kevin LaForge</u>	Borehole Observations After Drilling Immediately after: _____ Hrs. after: _____ Backfill: <u>Native Backfill and Bentonite</u> Drilling Co.: <u>Terra Probe</u> Drill Rig Type: <u>Geoprobe</u>	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Driller: <u>Scott Seals</u> Assistant: _____
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Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-5 **Page:** 1
Start Date: 04/12/22 **End Date:** 04/12/22
Casing: PVC - Temporary
Casing Diameter: 1" **Length:** 4'
Screen Slot Size: 0.010"
Screen Diameter: 1" **Length:** 5"

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		Native soils ←
1	HA			12"		SAND, dark brown, coarse to medium grained, moist.	0.1	
2	HA	1-2'	GP-5	12"		CLAY, brown and gray, sandy, moist.		
3	HA			12"			0.1	
4	HA			12"	▼	SAND, black, coarse to medium grained, moist.		
5	HA			12"			1.5	
6	GP			12"		CLAY, light gray to dark, sandy, with brick, moist.		
7	GP			12"			2.5	
8	GP			12"				
9	GP			12"		CLAY, gray, sandy soft. Temporary Monitoring well set at 4-9' BSG, sample collected.	0.0	
10	GP			12"			0.0	
11	GP			12"				
12						End of Boring		
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength
Logged by: Andrew Temerowski
Drawn by: Andrew Temerowski
Checked by: Kevin LaForge

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite
Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE
Driller: Scott Seals
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100 Novi, MI 48377 Phone: (248) 669-5140 Fax: (248) 669-5147	Project Number: 188BS22164 Project Name: Lenox Center Property Site Location: 100 Lenox Street City, State: Detroit, Michigan Boring Diameter: 4" HA/2.25" Macrocore Drilling Method: Hand Auger / Macrocore	Boring Number: GP-6 Start Date: 04/12/22 Casing: PVC - Temporary Casing Diameter: 1" Length: 4' Screen Slot Size: 0.010" Screen Diameter: 1" Length: 5"	Page: 1 End Date: 04/12/22
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FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		← Native soils
1	HA			12"		CLAY, brown and gray, sandy with stone, moist. Limited Recovery.	0.1	
2	HA	1-2'	GP-6	12"				
3	HA			12"				
4	HA			12"		SAND, dark brown, coarse to medium grained, moist to CLAY, gray, sandy, moist.	0.1	
5	HA			12"				
6	GP			12"				
7	GP			12"		SAND, gray, silty, with brick, moist.	2.7	
8	GP			12"				
9	GP			12"				
10	GP			12"		CLAY, gray, sandy, silty, soft. Temporary Monitoring well set at 7-12' BSG, sample collected.	0.3	
11	GP			12"				
12	GP			12"				
13	GP			12"		SAND, gray to dark gray, silty, wet.	0.2	
14	GP			12"				
15	GP			12"				
16						0.0		
17						0.0		
18						0.0		
19						0.0		
20						0.0		
21						0.0		
22						0.0		
23						0.0		
24						0.0		
25						0.0		

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE (AK) = AIR KNIFE (GP) = Geoprobe (SS) = SPLIT SPOON bpf = blows per foot (qP) = Penetrometer Unconfined Compressive Strength Logged by: Andrew Temerowski Drawn by: Andrew Temerowski Checked by: Kevin LaForge	Borehole Observations After Drilling Immediately after: _____ Hrs. after: _____ Backfill: Native Backfill and Bentonite Drilling Co.: Terra Probe Drill Rig Type: Geoprobe	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Driller: Scott Seals Assistant: _____
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Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-7 **Page:** 1
Start Date: 04/12/22 **End Date:** 04/12/22
Casing: PVC - Temporary
Casing Diameter: 1" **Length:** 4'
Screen Slot Size: 0.010"
Screen Diameter: 1" **Length:** 5"

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		← Native soils
1	HA			12"	▼	CLAY, brown and gray, sandy with brick, moist.	0.2	
2	HA	1-2'	GP-7	12"			0.2	
3	HA			12"		SAND, brown with gravel, moist.	0.2	
4	HA			12"			0.2	
5	GP			12"		SAND, brown to gray, wet.	0.0	
6	GP			12"			0.0	
7	GP			12"		SAND, gray silty, wet. Temporary Monitoring well set at 5-10' BSG, sample collected.	0.0	
8	GP			12"			0.0	
9	GP			12"			0.0	
10	GP			12"			0.0	
11	GP			12"				
12							End of Boring	
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength
Logged by: Andrew Temerowski
Drawn by: Andrew Temerowski
Checked by: Kevin LaForge

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____

Backfill: Native Backfill and Bentonite

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

Driller: Scott Seals
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100 Novi, MI 48377 Phone: (248) 669-5140 Fax: (248) 669-5147	Project Number: 188BS22164 Project Name: Lenox Center Property Site Location: 100 Lenox Street City, State: Detroit, Michigan Boring Diameter: 4" HA/2.25" Macrocore Drilling Method: Hand Auger / Macrocore	Boring Number: GP-8 Start Date: 04/12/22 Casing: PVC - Temporary Casing Diameter: 1" Length: 4' Screen Slot Size: 0.010" Screen Diameter: 1" Length: 5"	Page: 1 End Date: 04/12/22
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FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction	
0						TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots		← Native soils	
1	HA			12"	▲	CLAY, brown and gray, sandy with brick, moist.	0.1		
2	HA			12"			CLAY, dark brown to brown, sandy, with brick and metal clip, moist. Limited Recovery.		0.0
3	HA	2-4'	GP-8	12"					
4	HA			12"					
5	HA			12"					
6	GP			12"		SAND, dark gray to gray silty, wet. Temporary Monitoring well set at 5-10' BSG, sample collected.	0.0		
7	GP			12"					
8	GP			12"					
9	GP			12"					
10	GP			12"					
11	GP			12"					
12						End of Boring			
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE (AK) = AIR KNIFE (GP) = Geoprobe (SS) = SPLIT SPOON bpf = blows per foot (qP) = Penetrometer Unconfined Compressive Strength Logged by: Andrew Temerowski Drawn by: Andrew Temerowski Checked by: Kevin LaForge	Borehole Observations After Drilling Immediately after: _____ Hrs. after: _____ Backfill: Native Backfill and Bentonite Drilling Co.: Terra Probe Drill Rig Type: Geoprobe	(Rec.) = RECOVERY (EOB) = END OF BORING (bgs) = Below Ground Surface (NR) = NO RECOVERY (NA) = NOT APPLICABLE Driller: Scott Seals Assistant: _____
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Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-9 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0	HA	0-1'	GP-9	12"		TOP SOIL/SAND mix, brown-dark brown in color, damp, organics/roots	0.0	Native soils
1	HA			12"		CLAY - some sand, dark brown, dry with trace fill (bricks, metal slag) and gravel	0.0	
2	HA			12"			0.0	
3	HA	2-4'	GP-9	12"			0.0	
4	HA			12"		SANDY CLAY - dark brown with red, some fill material, dry	0.0	
5	GP			12"			0.0	
6	GP	6-7'	GP-9	12"			0.0	
7	GP			12"		CLAY - gray, with trace sand and gravel, moist, dense, little plasticity	0.0	
8	GP			12"			0.0	
9	GP			12"			0.0	

End of Boring @ 10'

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength

Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____

Backfill: Native Backfill and Bentonite

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING

(bgs) = Below Ground Surface

(NR) = NO RECOVERY

(NA) = NOT APPLICABLE

Driller: Aaron

Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-10 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						GRAVEL		
1	HA	0-1'	GP-10	12"		SANDY CLAY - brown, dry with trace fill	0.0	
2	HA	2-4'	GP-10	12"		CLAY - black, sandy, moist with some metal slag and bricks	0.0	
3	HA			12"		SANDY CLAY - dark brown/red with trace bricks, moist	0.0	
4	HA			12"			0.0	
5	GP			12"			0.0	
6	GP	6-7'	GP-10	12"		SAND - gray, fine to medium grained, damp	0.0	
7	GP			12"			0.0	
8	GP			12"			0.0	
9	GP			12"		CLAY - gray, moist with trace sand and gravel, dense, little plasticity	0.0	
10	GP			12"			0.0	

End of Boring @ 10'

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength

Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____

Backfill: Native Backfill and Bentonite

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING

(bgs) = Below Ground Surface

(NR) = NO RECOVERY

(NA) = NOT APPLICABLE

Driller: Aaron

Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-11 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						GRAVEL		
1	HA	0-1'	GP-11	12"		CLAY - dark brown with some fill (metal slag, glass, brick)	0.0	
2	HA			12"		SANDY CLAY - dark brown/red with fine to medium grained sand and trace fill, moist	0.0	
3	HA	2-4'	GP-11 & DUP-1	12"			0.0	
4	HA			12"			0.0	
5	GP			12"			0.0	
6	GP	6-7'	GP-11	12"		SAND AND GRAVEL - gray/red, damp	0.0	
7	GP			12"		CLAY - gray, soft, damp with trace gravel	0.0	
8	GP			12"			0.0	
9	GP			12"			0.0	
10								

End of Boring @ 10'

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength
Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Borehole Observations After Drilling
Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite
Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE
Driller: Aaron
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-12 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						GRASS AND TOPSOIL		← Native soils
1	HA	0-1'	GP-12	12"		SANDY CLAY - dark brown, dry with trace gravel and fill (bricks)	0.0	
2	HA			12"				
3	HA	2-4'	GP-12	12"			0.0	
4	HA			12"			0.0	
5	GP			12"			0.0	
6	GP	6-7'	GP-12	12"		SILTY CLAY - gray/brown with trace fill, moist	0.0	
7	GP			12"			0.0	
8	GP			12"			0.0	
9	GP			12"			0.0	
10						End of Boring @ 10'		

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

Driller: Aaron
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-13 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						GRASS AND TOPSOIL		Native soils
1	HA	0-1'	GP-13	12"		SANDY CLAY - dark brown, fine to medium grained sand, moist	0.0	
2	HA	2-4'	GP-13 & DUP-2	12"		CLAY - gray/black, moist, semi-plastic	0.0	
3	HA			12"				
4	HA			12"				
5	GP			12"		CLAY - silty, gray, soft with little plastic, damp	0.0	
6	GP	6-7'	GP-13	12"			0.0	
7	GP			12"			0.0	
8	GP			12"			0.0	
9	GP			12"				
10					End of Boring @ 10'			

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength

Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Borehole Observations After Drilling
Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

Driller: Aaron
Assistant: _____



Soil Boring Log

46555 Humboldt Drive, Ste. 100
 Novi, MI 48377
 Phone: (248) 669-5140
 Fax: (248) 669-5147

Project Number: 188BS22164
Project Name: Lenox Center Property
Site Location: 100 Lenox Street
City, State: Detroit, Michigan
Boring Diameter: 4" HA/2.25" Macrocore
Drilling Method: Hand Auger / Macrocore

Boring Number: GP-14 **Page:** 1
Start Date: 07/27/22 **End Date:** 07/27/22
Casing: NA
Casing Diameter: NA **Length:** NA
Screen Slot Size: NA
Screen Diameter: NA **Length:** NA

FEET (bgs)	SAMPLE TYPE	SAMPLE INTERVAL (bgs)	SAMPLE NUMBER	Rec.	Graphic	LITHOLOGY DESCRIPTION	PID PPM	Well Construction
0						GRASS AND TOPSOIL		← Native soils
1	HA	0-1'	GP-14	12"			0.0	
2	HA			12"		SAND - very fine grained, brown, dry	0.3	
3	HA	2-4'	GP-14	12"				
4	HA			12"				
5	GP			12"	(Symbol: circle with dot)	CRUSHED LIMESTONE & GRAVEL, moist	0.0	
6	GP	6-7'	GP-14	12"	(Symbol: diagonal lines)	CLAY - gray, silty, moist/damp	3.2	
7	GP			12"				
8	GP			12"	(Symbol: circle with dot)	GRAVEL - wet, black/gray	2.4	
9	GP			12"	(Symbol: circle with dot)			
10	End of Boring @ 10'							

(HA) = HAND AUGER (DS) = DISTURBED SAMPLE
 (AK) = AIR KNIFE (GP) = Geoprobe
 (SS) = SPLIT SPOON bpf = blows per foot
 (qP) = Penetrometer Unconfined Compressive Strength

Borehole Observations After Drilling

Immediately after: _____
Hrs. after: _____
Backfill: Native Backfill and Bentonite

(Rec.) = RECOVERY (EOB) = END OF BORING
 (bgs) = Below Ground Surface
 (NR) = NO RECOVERY
 (NA) = NOT APPLICABLE

Logged by: Ryann Scott
Drawn by: Ryann Scott
Checked by: Josh Schuyler

Drilling Co.: Terra Probe
Drill Rig Type: Geoprobe

Driller: Aaron
Assistant: _____

**Table 1 - Summary of Soil Laboratory Analytical Results (Detected Metals)
Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analytes	Statewide	Residential	Residential	Sample Locations								
	Default	Drinking Water	Direct Contact	GP-1	GP-2	GP-3	Duplicate (GP-3)	GP-4	GP-5	GP-6	GP-7	GP-8
	Background Levels	Protection Criteria	Criteria (DCC)	(2'-4')	(1'-3')	(1'-3')	(1'-3")	(7'-8')	(1'-2')	(1'-2')	(1'-2')	(2'-4')
	(µg/kg)	(DWPC) (µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Metals												
Arsenic	5,800	4,600	7,600	6,240	2,420	2,790	2,800	2,630	992	2,700	1,460	4,760
Barium	75,000	1,300,000	37,000,000	344,000	246,000	506,000	704,000	448,000	178,000	229,000	296,000	3,720,000
Cadmium	1,200	6,000	550,000	1,050	261	1,330	1,370	1,800	ND	745	536	168,000
Chromium	18,000	100,000,000	790,000,000	8,040	16,300	20,000	36,000	27,200	6,710	13,200	12,900	168,000
Copper	32,000	580,000	20,000,000	18,000,000	126,000	110,000	209,000	36,800	19,200	45,200	32,800	7,660,000
Lead	21,000	700,000	400,000	228,000	181,000	848,000	1,730,000	199,000	21,700	145,000	208,000	3,900,000
Mercury	130	1,700	160,000	1,320	136	423	960	112	ND	168	401	3,730
Selenium	410	4,000	2,600,000	ND	ND	214	ND	ND	ND	ND	ND	ND
Silver	1,000	4,500	2,500,000	464	124	164	238	ND	ND	ND	ND	826
Zinc	47,000	2,400,000	170,000,000	418,000	86,800	591,000	792,000	265,000	31,800	120,000	133,000	3,190,000

- Notes:
1. Samples were collected on April 12, 2022.
 2. NA denotes: "Not Analyzed". ND denotes the indicated laboratory parameter was "Not Detected" above the laboratory reported detection limit (RDL).
 3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451 dated June 25, 2018 (Table 2).
 4. Shaded values exceed one or more applicable cleanup criteria and bold font indicates a metal detected above the Default Background Level contained in Table 2.
 5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
 6. NLV denotes: "Not Likely to Volatilize", ID denotes: "Insufficient Data" that is available to establish criteria.
 7. µg/kg denotes micrograms per kilogram.
 8. A "G" denotes value depends on the pH or water hardness, or both, of the receiving waters and an "X" denotes value is not protective for surface water used as a drinking water source. For details, please refer to P.A. 451, Part 201, R 299.49 footnotes for Table 2.

**Table 1 - Summary of Soil Laboratory Analytical Results (Detected Lead)
Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analytes	Statewide	Residential	Residential	Sample Locations									
	Default	Drinking Water	Direct Contact	GP-9	GP-9	GP-9	GP-10	GP-10	GP-10	GP-11	GP-11	GP-11 (Duplicate-1)	GP-11
	Background Levels	Protection Criteria	Criteria (DCC)	(0'-1')	(2'-4')	(6'-7')	(0'-1')	(2'-4')	(6'-7')	(0'-1')	(2'-4')	(2'-4')	(6'-7')
	(µg/kg)	(DWPC) (µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Metals													
Lead	21,000	700,000	400,000	153,000	14,800	165,000	6,020	1,430,000	19,800	328,000	4,880,000	4,370,000	895,000

- Notes:
1. Samples were collected on July 27, 2022.
 2. NA denotes: "Not Analyzed". ND denotes the indicated laboratory parameter was "Not Detected" above the laboratory reported detection limit (RDL).
 3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451 dated June 25, 2018 (Table 2).
 4. Shaded values exceed one or more applicable cleanup criteria and bold font indicates a metal detected above the Default Background Level contained in Table 2.
 5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
 6. NLV denotes: "Not Likely to Volatilize", ID denotes: "Insufficient Data" that is available to establish criteria.
 7. µg/kg denotes micrograms per kilogram.
 8. A "G" denotes value depends on the pH or water hardness, or both, of the receiving waters and an "X" denotes value is not protective for surface water used as a drinking water source. For details, please refer to P.A. 451, Part 201, R 299.49 footnotes for Table 2.

**Table 1 - Summary of Soil Laboratory Analytical Results (Detected Lead)
Lenox Center Property
100 Lenox Street
Detroit, Michigan**

	Statewide Default Background Levels (µg/kg)	Residential Drinking Water Protection Criteria (DWPC) (µg/kg)	Residential Direct Contact Criteria (DCC) (µg/kg)	Sample Locations									
				GP-12 (0'-1') (µg/kg)	GP-12 (2'-4') (µg/kg)	GP-12 (6'-7') (µg/kg)	GP-13 (0'-1') (µg/kg)	GP-13 (2'-4') (µg/kg)	GP-13 (Duplicate-2) (2'-4') (µg/kg)	GP-13 (6'-7') (µg/kg)	GP-14 (0'-1') (µg/kg)	GP-14 (2'-4') (µg/kg)	GP-14 (6'-7') (µg/kg)
Analytes													
Metals													
Lead	21,000	700,000	400,000	1,340,000	56,700	91,000	563,000	309,000	206,000	4,920	13,600	14,300	672,000

- Notes:
1. Samples were collected on July, 27, 2022.
 2. NA denotes: "Not Analyzed". ND denotes the indicated laboratory parameter was "Not Detected" above the laboratory reported detection limit (RDL).
 3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451 dated June 25, 2018 (Table 2).
 4. Shaded values exceed one or more applicable cleanup criteria and bold font indicates a metal detected above the Default Background Level contained in Table 2.
 5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
 6. NLV denotes: "Not Likely to Volatilize", ID denotes: "Insufficient Data" that is available to establish criteria.
 7. µg/kg denotes micrograms per kilogram.
 8. A "G" denotes value depends on the pH or water hardness, or both, of the receiving waters and an "X" denotes value is not protective for surface water used as a drinking water source. For details, please refer to P.A. 451, Part 201, R 299.49 footnotes for Table 2.

Table 2 - Summary of Soil Laboratory Analytical Results (Detected SVOCs)

**Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analyte	Residential Drinking Water Protection Criteria (DWPC) (µg/kg)	Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVIAC) (µg/kg)	Residential Direct Contact Criteria (DCC) (µg/kg)	Sample Location							
				GP-1 (2'-4') (µg/kg)	GP-3 (1'-3') (µg/kg)	Duplicate (GP-3) (1'-3') (µg/kg)	GP-4 (7'-8') (µg/kg)	GP-5 (1'-2') (µg/kg)	GP-6 (1'-2') (µg/kg)	GP-7 (1'-2') (µg/kg)	GP-8 (2'-4') (µg/kg)
SVOCs											
Acenaphthene	300,000	190,000,000	41,000,000	ND	405	445	ND	ND	ND	ND	ND
Anthracene	41,000	1,000,000,000	230,000,000	ND	1,440	1,760	474	ND	ND	ND	ND
Benzo(a)anthracene	NLL	NLV	20,000	669	3,350	3,680	1,130	ND	357	ND	378
Benzo(b)fluoranthene	NLL	NLV	20,000	492	2,070	1,760	615	ND	ND	ND	ND
Benzo(k)fluoranthene	NLL	NLV	200,000	914	4,430	5,560	1,500	453	528	425	705
Benzo(g,h,i)perylene	NLL	NLV	2,000,000	516	2,290	2,860	855	ND	ND	ND	381
Benzo(a)pyrene	NLL	NLV	2,000	770	3,250	3,830	1,100	332	359	ND	414
Carbazole	9,400	NLV	530,000	ND	526	657	ND	ND	ND	ND	ND
Chrysene	NLL	ID	2,000,000	660	3,290	3,770	1,220	ND	359	ND	416
Di-n-butylphthalate	960,000	NLV	27,000,000	ND	ND	405	ND	ND	ND	ND	ND
Dibenzofuran	ID	2,000,000	ID	ND	ND	401	ND	ND	ND	ND	ND
Fluoranthene	730,000	1,000,000,000	46,000,000	1,420	7,880	8,720	2,810	544	779	526	668
Fluorene	390,000	580,000,000	27,000,000	ND	504	646	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NLL	NLV	20,000	462	2,110	2,470	707	ND	ND	ND	ND
Phenanthrene	56,000	2,800,000	1,600,000	851	5,790	6,830	2,280	ND	461	ND	378
Pyrene	480,000	1,000,000,000	29,000,000	1,370	6,730	7,740	2,460	454	669	467	641

Notes:

1. Samples were collected on April 12, 2022.
2. NA denotes "Not Analyzed". "ND" denotes the indicated laboratory parameter was not detected above the laboratory reported detection limit (RDL).
3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451- dated June 25, 2018 (Table 2).
4. Shaded values exceed one or more cleanup criteria contained in Table 2 of P.A. 451, Part 201.
5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
6. NLV = not likely to volatilize, NLL = not likely to leach, ID = Insufficient data available to establish criteria.
7. µg/kg denotes micrograms per kilogram.
8. A "ID" denotes insufficient data to develop criterion. For details, please refer to P.A. 451, Part 201, R 299.49 footnotes for Table 2.

**Table 2 - Summary of Soil Laboratory Analytical Results (Detected PNAs)
Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analyte	Residential Drinking Water Protection Criteria (DWPC) (µg/kg)	Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVIAC) (µg/kg)	Residential Direct Contact Criteria (DCC) (µg/kg)	Sample Location									
				GP-12 (0'-1') (µg/kg)	GP-12 (2'-4') (µg/kg)	GP-12 (6'-7') (µg/kg)	GP-13 (0'-1') (µg/kg)	GP-13 (2'-4') (µg/kg)	GP-13 (Duplicate-2) (2'-4') (µg/kg)	GP-13 (6'-7') (µg/kg)	GP-14 (0'-1') (µg/kg)	GP-14 (2'-4') (µg/kg)	GP-14 (6'-7') (µg/kg)
PNAs													
Acenaphthene	300,000	190,000,000	41,000,000	469	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	41,000	1,000,000,000	230,000,000	1,390	ND	ND	ND	ND	ND	ND	ND	ND	933
Benzo(a)anthracene	NLL	NLV	20,000	6,500	588	764	417	784	355	ND	ND	ND	2,490
Benzo(b)fluoranthene	NLL	ID	20,000	3,590	583	780	404	785	400	ND	ND	ND	2,570
Benzo(k)fluoranthene	NLL	NLV	200,000	1,500	ND	347	ND	342	ND	ND	ND	ND	968
Benzo(g,h,i)perylene	NLL	NLV	2,500,000	1,720	374	436	ND	432	ND	ND	ND	ND	1,040
Benzo(a)pyrene	NLL	NLV	2,000	2,560	424	590	ND	562	ND	ND	ND	ND	1,760
Chrysene	NLL	ID	2,000,000	3,020	457	605	ND	605	ND	ND	ND	ND	2,380
Dibenzo(a,h)anthracene	NLL	NLV	2,000	436	ND	ND	ND	ND	ND	ND	ND	ND	346
Fluoranthene	730,000	1,000,000,000	46,000,000	7,850	959	1,420	724	1,310	464	ND	335	ND	3,470
Fluorene	390,000	580,000,000	27,000,000	552	ND	ND	ND	ND	ND	ND	ND	ND	342
Indeno(1,2,3-cd)pyrene	NLL	NLV	20,000	1,500	ND	350	ND	360	ND	ND	ND	ND	898
2-Methylnaphthalene	57,000	2,700,000	8,100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	365
Naphthalene	35,000	250,000	16,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	374
Phenanthrene	56,000	2,800,000	1,600,000	6,270	788	754	658	630	ND	ND	ND	ND	2,080
Pyrene	480,000	1,000,000,000	29,000,000	6,610	950	1,250	643	1,170	410	ND	ND	ND	2,930

Notes:

1. Samples were collected on July 27, 2022.
2. NA denotes "Not Analyzed". "ND" denotes the indicated laboratory parameter was not detected above the laboratory reported detection limit (RDL).
3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451- dated June 25, 2018 (Table 2).
4. Shaded values exceed one or more cleanup criteria contained in Table 2 of P.A. 451, Part 201.
5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
6. NLV = not likely to volatilize, NLL = not likely to leach, ID = Insufficient data available to establish criteria.
7. µg/kg denotes micrograms per kilogram.
8. A "ID" denotes insufficient data to develop criterion. For details, please refer to P.A. 451, Part 201, R 299.49 footnotes for Table 2.

**Table 3 - Summary of Soil Laboratory Analytical Results (Detected PCBs)
Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analyte	Residential Drinking Water Protection Criteria (DWPC) (µg/kg)	Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVIAIC) (µg/kg)	Residential Direct Contact Criteria (DCC) (µg/kg)	Sample Location
				GP-6 (1'-2') (µg/kg)
PCBs				
Aroclor 1260	NLL	3,000,000	4,000	119

Notes:

1. Samples were collected on April 12, 2022.
2. NA denotes "Not Analyzed". "ND" denotes the indicated laboratory parameter was not detected above the laboratory reported detection limit (RDL).
3. The cleanup criteria are derived from Table 2, Soil Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451- dated June 25, 2018 (Table 2).
4. Shaded values exceed one or more cleanup criteria contained in Table 2 of P.A. 451, Part 201.
5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
6. NLV = not likely to volatilize, ID= Insufficient data available to establish criteria.
7. µg/kg denotes micrograms per kilogram.

Table 4 - Summary of Groundwater Analytical Results (Detected Metals and VOCs)

**Lenox Center Property
100 Lenox Street
Detroit, Michigan**

Analytes	Residential Drinking Water Criteria (DWC) (µg/L)	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIAIC) (µg/L)	Sample Locations							
			GP-2 (µg/L)	GP-3 (µg/L)	Duplicate (GP-3) (µg/L)	GP-4 (µg/L)	GP-5 (µg/L)	GP-6 (µg/L)	GP-7 (µg/L)	GP-8 (µg/L)
Metals										
Arsenic	10	NLV	ND	ND	ND	ND	9	5	ND	ND
Barium	2,000	NLV	853	773	738	136	743	835	1,190	752
Cadmium	5	NLV	ND	ND	ND	ND	3	ND	ND	ND
Zinc	2,400	NLV	76	60	124	ND		87	ND	73
VOCs										
Benzene	5	5,600	ND	ND	ND	167	ND	ND	ND	ND
Ethylbenzene	74	110,000	ND	ND	ND	1	ND	ND	ND	ND
Napthalene	520	31,000	ND	ND	ND	8	ND	ND	ND	ND

- Notes:
1. Samples were collected on April 12, 2022.
 2. ND denotes not detected above the laboratory detection limit.
 3. The cleanup criteria are derived from Table 1 - Groundwater: Residential & Non-Residential Part 201 Generic Cleanup Criteria and Screening Levels, dated December 21, 2020.
 4. Shaded value (if any) is above one or more Residential cleanup criteria.
 5. All samples were analyzed at Quantum Laboratories, Inc. of Wixom, Michigan.
 6. NLV = not likely to volatilize; NLL = not likely to leach, ID= insufficient data exist to establish a value, NA = Not Applicable.
 7. µg/L denotes micrograms per liter.
 8. Only laboratory parameters detected above laboratory detection limits are summarized.

**Table 5 - Summary of Groundwater Laboratory Analytical Results (Detected SVOCs)
 Lenox Center Property
 100 Lenox Street
 Detroit, Michigan**

Analyte	Residential Drinking Water Criteria (DWC) (µg/L)	Residential Groundwater Volatilization To Indoor Air Inhalation Criteria (GVIAIC) (µg/L)	Sample Locations
			GP-4 (µg/L)
SVOCs			
Fluoranthene	210	210	2
Phenanthrene	52	1,000	5

- Notes:
1. Samples were collected on April 12, 2022.
 2. NA denotes: "Not Analyzed". ND denotes the indicated laboratory parameter was "Not Detected" above the laboratory reported detection limit (RDL).
 3. The cleanup criteria are derived from Table 1, Groundwater Residential Generic Cleanup Criteria and Screening Levels, issued under part 201 of P.A. 451, dated June 25, 2018 (Table 1).
 4. Shaded values exceed one or more applicable cleanup criteria contained in Table 1.
 5. All samples were analyzed at Quantum Laboratories, Inc. located in Wixom, Michigan.
 6. NLV denotes: "Not Likely to Volatilize", ID denotes: "Insufficient Data" that is available to establish criteria.
 7. ug/L denotes micrograms per liter.

Attachment 6 – Analytical Lab Reports



May 05, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343062001	SB-1 (0-2)	Solid	04/24/23 11:42	04/25/23 09:00
50343062002	SB-2 (0-2)	Solid	04/24/23 11:50	04/25/23 09:00
50343062003	SB-3 (0-2)	Solid	04/24/23 11:55	04/25/23 09:00
50343062004	SB-4 (0-2)	Solid	04/24/23 12:05	04/25/23 09:00
50343062005	SB-5 (0-2)	Solid	04/24/23 12:30	04/25/23 09:00
50343062006	SB-6 (0-2)	Solid	04/24/23 12:40	04/25/23 09:00
50343062007	SB-7 (0-2)	Solid	04/24/23 12:50	04/25/23 09:00
50343062008	SB-8 (0-2)	Solid	04/24/23 12:54	04/25/23 09:00
50343062009	SB-9 (0-2)	Solid	04/24/23 12:57	04/25/23 09:00
50343062010	SB-10 (0-2)	Solid	04/24/23 13:04	04/25/23 09:00
50343062011	SB-11 (0-2)	Solid	04/24/23 13:12	04/25/23 09:00
50343062012	SB-12 (0-2)	Solid	04/24/23 13:17	04/25/23 09:00
50343062013	SB-13 (0-2)	Solid	04/24/23 13:24	04/25/23 09:00
50343062014	SB-14 (0-2)	Solid	04/24/23 13:35	04/25/23 09:00
50343062015	SB-15 (0-2)	Solid	04/24/23 13:45	04/25/23 09:00
50343062016	SB-16 (0-2)	Solid	04/24/23 14:01	04/25/23 09:00
50343062017	SB-17 (0-2)	Solid	04/24/23 14:17	04/25/23 09:00
50343062018	SB-18 (0-2)	Solid	04/24/23 14:24	04/25/23 09:00
50343062019	DUP-1 (0-2)	Solid	04/24/23 00:00	04/25/23 09:00
50343062020	DUP-2 (0-2)	Solid	04/24/23 00:00	04/25/23 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343062001	SB-1 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062002	SB-2 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062003	SB-3 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062004	SB-4 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062005	SB-5 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062006	SB-6 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062007	SB-7 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062008	SB-8 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343062009	SB-9 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343062010	SB-10 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343062011	SB-11 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343062012	SB-12 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
50343062013	SB-13 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
50343062014	SB-14 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343062015	SB-15 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343062016	SB-16 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343062017	SB-17 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343062018	SB-18 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343062019	DUP-1 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343062020	DUP-2 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-1 (0-2) **Lab ID: 50343062001** Collected: 04/24/23 11:42 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5630	ug/kg	990	168	1	05/04/23 10:30	05/05/23 11:22	7440-38-2	
Barium	117000	ug/kg	990	184	1	05/04/23 10:30	05/05/23 11:22	7440-39-3	
Chromium	79900	ug/kg	990	165	1	05/04/23 10:30	05/05/23 11:22	7440-47-3	
Copper	65500	ug/kg	990	284	1	05/04/23 10:30	05/05/23 11:22	7440-50-8	
Lead	65000	ug/kg	990	394	1	05/04/23 10:30	05/05/23 11:22	7439-92-1	
Zinc	94600	ug/kg	990	557	1	05/04/23 10:30	05/05/23 11:22	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	593	ug/kg	55.7	25.3	1	04/26/23 10:43	05/02/23 21:05	7440-43-9	
Selenium	3590	ug/kg	557	157	5	04/26/23 10:43	05/02/23 18:50	7782-49-2	
Silver	65.0	ug/kg	55.7	2.5	1	04/26/23 10:43	05/02/23 21:05	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	241	22.9	1	05/01/23 11:57	05/01/23 19:50	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	61.9	ug/kg	28.8	11.6	5	04/26/23 15:24	04/26/23 20:34	83-32-9	
Acenaphthylene	51.3	ug/kg	28.8	10.8	5	04/26/23 15:24	04/26/23 20:34	208-96-8	
Anthracene	246	ug/kg	28.8	14.4	5	04/26/23 15:24	04/26/23 20:34	120-12-7	R1
Benzo(a)anthracene	793	ug/kg	28.8	8.2	5	04/26/23 15:24	04/26/23 20:34	56-55-3	M1,R1
Benzo(a)pyrene	830	ug/kg	28.8	17.1	5	04/26/23 15:24	04/26/23 20:34	50-32-8	M1,R1
Benzo(b)fluoranthene	1070	ug/kg	28.8	15.8	5	04/26/23 15:24	04/26/23 20:34	205-99-2	M1,R1
Benzo(g,h,i)perylene	566	ug/kg	28.8	17.1	5	04/26/23 15:24	04/26/23 20:34	191-24-2	R1
Benzo(k)fluoranthene	391	ug/kg	28.8	13.3	5	04/26/23 15:24	04/26/23 20:34	207-08-9	R1
Chrysene	799	ug/kg	28.8	19.8	5	04/26/23 15:24	04/26/23 20:34	218-01-9	M1,R1
Dibenz(a,h)anthracene	157	ug/kg	28.8	14.1	5	04/26/23 15:24	04/26/23 20:34	53-70-3	
Fluoranthene	1800	ug/kg	28.8	20.0	5	04/26/23 15:24	04/26/23 20:34	206-44-0	M1,R1
Fluorene	59.4	ug/kg	28.8	11.4	5	04/26/23 15:24	04/26/23 20:34	86-73-7	
Indeno(1,2,3-cd)pyrene	524	ug/kg	28.8	14.7	5	04/26/23 15:24	04/26/23 20:34	193-39-5	
2-Methylnaphthalene	45.2	ug/kg	28.8	27.0	5	04/26/23 15:24	04/26/23 20:34	91-57-6	
Naphthalene	46.6	ug/kg	28.8	26.5	5	04/26/23 15:24	04/26/23 20:34	91-20-3	ED
Phenanthrene	839	ug/kg	28.8	20.7	5	04/26/23 15:24	04/26/23 20:34	85-01-8	M1,R1
Pyrene	1560	ug/kg	28.8	19.7	5	04/26/23 15:24	04/26/23 20:34	129-00-0	M1,R1
Surrogates									
2-Fluorobiphenyl (S)	67	%	23-115		5	04/26/23 15:24	04/26/23 20:34	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-136		5	04/26/23 15:24	04/26/23 20:34	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-2 (0-2) **Lab ID: 50343062002** Collected: 04/24/23 11:50 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10400	ug/kg	1010	172	1	05/04/23 10:30	05/05/23 11:37	7440-38-2	
Barium	167000	ug/kg	1010	188	1	05/04/23 10:30	05/05/23 11:37	7440-39-3	
Chromium	17600	ug/kg	1010	169	1	05/04/23 10:30	05/05/23 11:37	7440-47-3	
Copper	60500	ug/kg	1010	291	1	05/04/23 10:30	05/05/23 11:37	7440-50-8	
Lead	246000	ug/kg	1010	403	1	05/04/23 10:30	05/05/23 11:37	7439-92-1	
Zinc	218000	ug/kg	1010	570	1	05/04/23 10:30	05/05/23 11:37	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1220	ug/kg	57.3	26.0	1	04/26/23 10:43	05/02/23 21:33	7440-43-9	
Selenium	3940	ug/kg	573	162	5	04/26/23 10:43	05/02/23 19:18	7782-49-2	
Silver	161	ug/kg	57.3	2.5	1	04/26/23 10:43	05/02/23 21:33	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	416	ug/kg	227	21.6	1	05/01/23 11:57	05/01/23 19:52	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	276	ug/kg	27.6	11.1	5	04/26/23 15:24	04/26/23 21:18	83-32-9	
Acenaphthylene	127	ug/kg	27.6	10.4	5	04/26/23 15:24	04/26/23 21:18	208-96-8	
Anthracene	987	ug/kg	27.6	13.8	5	04/26/23 15:24	04/26/23 21:18	120-12-7	
Benzo(a)anthracene	2380	ug/kg	27.6	7.9	5	04/26/23 15:24	04/26/23 21:18	56-55-3	
Benzo(a)pyrene	2150	ug/kg	27.6	16.5	5	04/26/23 15:24	04/26/23 21:18	50-32-8	
Benzo(b)fluoranthene	2850	ug/kg	27.6	15.2	5	04/26/23 15:24	04/26/23 21:18	205-99-2	
Benzo(g,h,i)perylene	1300	ug/kg	27.6	16.4	5	04/26/23 15:24	04/26/23 21:18	191-24-2	
Benzo(k)fluoranthene	1010	ug/kg	27.6	12.8	5	04/26/23 15:24	04/26/23 21:18	207-08-9	
Chrysene	2240	ug/kg	27.6	19.0	5	04/26/23 15:24	04/26/23 21:18	218-01-9	
Dibenz(a,h)anthracene	333	ug/kg	27.6	13.6	5	04/26/23 15:24	04/26/23 21:18	53-70-3	
Fluoranthene	5290	ug/kg	27.6	19.3	5	04/26/23 15:24	04/26/23 21:18	206-44-0	
Fluorene	373	ug/kg	27.6	10.9	5	04/26/23 15:24	04/26/23 21:18	86-73-7	
Indeno(1,2,3-cd)pyrene	1260	ug/kg	27.6	14.1	5	04/26/23 15:24	04/26/23 21:18	193-39-5	
2-Methylnaphthalene	236	ug/kg	27.6	26.0	5	04/26/23 15:24	04/26/23 21:18	91-57-6	
Naphthalene	234	ug/kg	27.6	25.4	5	04/26/23 15:24	04/26/23 21:18	91-20-3	ED
Phenanthrene	3770	ug/kg	27.6	19.9	5	04/26/23 15:24	04/26/23 21:18	85-01-8	
Pyrene	4480	ug/kg	27.6	19.0	5	04/26/23 15:24	04/26/23 21:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		5	04/26/23 15:24	04/26/23 21:18	321-60-8	
p-Terphenyl-d14 (S)	103	%	19-136		5	04/26/23 15:24	04/26/23 21:18	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.6	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-3 (0-2) **Lab ID: 50343062003** Collected: 04/24/23 11:55 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5040	ug/kg	1020	173	1	05/04/23 10:30	05/05/23 11:39	7440-38-2	
Barium	55000	ug/kg	1020	189	1	05/04/23 10:30	05/05/23 11:39	7440-39-3	
Chromium	14500	ug/kg	1020	170	1	05/04/23 10:30	05/05/23 11:39	7440-47-3	
Copper	20300	ug/kg	1020	292	1	05/04/23 10:30	05/05/23 11:39	7440-50-8	
Lead	52300	ug/kg	1020	405	1	05/04/23 10:30	05/05/23 11:39	7439-92-1	
Zinc	74200	ug/kg	1020	573	1	05/04/23 10:30	05/05/23 11:39	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	343	ug/kg	58.9	26.8	1	04/26/23 10:43	05/02/23 21:41	7440-43-9	
Selenium	3640	ug/kg	589	166	5	04/26/23 10:43	05/02/23 19:22	7782-49-2	
Silver	71.6	ug/kg	58.9	2.6	1	04/26/23 10:43	05/02/23 21:41	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	252	24.0	1	05/01/23 11:57	05/01/23 20:05	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	79.6	ug/kg	28.0	11.3	5	04/26/23 15:24	04/26/23 21:32	83-32-9	
Acenaphthylene	ND	ug/kg	28.0	10.5	5	04/26/23 15:24	04/26/23 21:32	208-96-8	
Anthracene	264	ug/kg	28.0	14.0	5	04/26/23 15:24	04/26/23 21:32	120-12-7	
Benzo(a)anthracene	804	ug/kg	28.0	8.0	5	04/26/23 15:24	04/26/23 21:32	56-55-3	
Benzo(a)pyrene	800	ug/kg	28.0	16.7	5	04/26/23 15:24	04/26/23 21:32	50-32-8	
Benzo(b)fluoranthene	1070	ug/kg	28.0	15.4	5	04/26/23 15:24	04/26/23 21:32	205-99-2	
Benzo(g,h,i)perylene	526	ug/kg	28.0	16.6	5	04/26/23 15:24	04/26/23 21:32	191-24-2	
Benzo(k)fluoranthene	400	ug/kg	28.0	13.0	5	04/26/23 15:24	04/26/23 21:32	207-08-9	
Chrysene	813	ug/kg	28.0	19.3	5	04/26/23 15:24	04/26/23 21:32	218-01-9	
Dibenz(a,h)anthracene	124	ug/kg	28.0	13.8	5	04/26/23 15:24	04/26/23 21:32	53-70-3	
Fluoranthene	1760	ug/kg	28.0	19.5	5	04/26/23 15:24	04/26/23 21:32	206-44-0	
Fluorene	84.9	ug/kg	28.0	11.1	5	04/26/23 15:24	04/26/23 21:32	86-73-7	
Indeno(1,2,3-cd)pyrene	500	ug/kg	28.0	14.3	5	04/26/23 15:24	04/26/23 21:32	193-39-5	
2-Methylnaphthalene	ND	ug/kg	28.0	26.3	5	04/26/23 15:24	04/26/23 21:32	91-57-6	
Naphthalene	37.6	ug/kg	28.0	25.8	5	04/26/23 15:24	04/26/23 21:32	91-20-3	ED
Phenanthrene	1020	ug/kg	28.0	20.2	5	04/26/23 15:24	04/26/23 21:32	85-01-8	
Pyrene	1530	ug/kg	28.0	19.2	5	04/26/23 15:24	04/26/23 21:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		5	04/26/23 15:24	04/26/23 21:32	321-60-8	
p-Terphenyl-d14 (S)	105	%	19-136		5	04/26/23 15:24	04/26/23 21:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		05/03/23 17:16		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-4 (0-2) **Lab ID: 50343062004** Collected: 04/24/23 12:05 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3690	ug/kg	1110	189	1	05/04/23 10:30	05/05/23 11:42	7440-38-2	
Barium	34600	ug/kg	1110	207	1	05/04/23 10:30	05/05/23 11:42	7440-39-3	
Chromium	11000	ug/kg	1110	186	1	05/04/23 10:30	05/05/23 11:42	7440-47-3	
Copper	13800	ug/kg	1110	319	1	05/04/23 10:30	05/05/23 11:42	7440-50-8	
Lead	32100	ug/kg	1110	443	1	05/04/23 10:30	05/05/23 11:42	7439-92-1	
Zinc	45600	ug/kg	1110	627	1	05/04/23 10:30	05/05/23 11:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	241	ug/kg	56.8	25.8	1	04/26/23 10:43	05/02/23 21:45	7440-43-9	
Selenium	2320	ug/kg	114	32.0	1	04/26/23 10:43	05/02/23 21:45	7782-49-2	
Silver	ND	ug/kg	56.8	2.5	1	04/26/23 10:43	05/02/23 21:45	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	253	24.0	1	05/01/23 11:57	05/01/23 20:07	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	572	ug/kg	29.6	11.9	5	04/26/23 15:24	04/26/23 21:47	83-32-9	
Acenaphthylene	67.4	ug/kg	29.6	11.1	5	04/26/23 15:24	04/26/23 21:47	208-96-8	
Anthracene	1460	ug/kg	29.6	14.8	5	04/26/23 15:24	04/26/23 21:47	120-12-7	
Benzo(a)anthracene	2770	ug/kg	29.6	8.4	5	04/26/23 15:24	04/26/23 21:47	56-55-3	
Benzo(a)pyrene	2330	ug/kg	29.6	17.6	5	04/26/23 15:24	04/26/23 21:47	50-32-8	
Benzo(b)fluoranthene	2780	ug/kg	29.6	16.3	5	04/26/23 15:24	04/26/23 21:47	205-99-2	
Benzo(g,h,i)perylene	1280	ug/kg	29.6	17.6	5	04/26/23 15:24	04/26/23 21:47	191-24-2	
Benzo(k)fluoranthene	1030	ug/kg	29.6	13.7	5	04/26/23 15:24	04/26/23 21:47	207-08-9	
Chrysene	2510	ug/kg	29.6	20.3	5	04/26/23 15:24	04/26/23 21:47	218-01-9	
Dibenz(a,h)anthracene	408	ug/kg	29.6	14.6	5	04/26/23 15:24	04/26/23 21:47	53-70-3	
Fluoranthene	5910	ug/kg	29.6	20.6	5	04/26/23 15:24	04/26/23 21:47	206-44-0	
Fluorene	665	ug/kg	29.6	11.7	5	04/26/23 15:24	04/26/23 21:47	86-73-7	
Indeno(1,2,3-cd)pyrene	1220	ug/kg	29.6	15.1	5	04/26/23 15:24	04/26/23 21:47	193-39-5	
2-Methylnaphthalene	152	ug/kg	29.6	27.8	5	04/26/23 15:24	04/26/23 21:47	91-57-6	
Naphthalene	306	ug/kg	29.6	27.2	5	04/26/23 15:24	04/26/23 21:47	91-20-3	ED
Phenanthrene	4890	ug/kg	29.6	21.3	5	04/26/23 15:24	04/26/23 21:47	85-01-8	
Pyrene	5720	ug/kg	29.6	20.3	5	04/26/23 15:24	04/26/23 21:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		5	04/26/23 15:24	04/26/23 21:47	321-60-8	
p-Terphenyl-d14 (S)	100	%	19-136		5	04/26/23 15:24	04/26/23 21:47	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.5	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-5 (0-2) **Lab ID: 50343062005** Collected: 04/24/23 12:30 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3460	ug/kg	1110	188	1	05/04/23 10:30	05/05/23 11:44	7440-38-2	
Barium	37000	ug/kg	1110	206	1	05/04/23 10:30	05/05/23 11:44	7440-39-3	
Chromium	8970	ug/kg	1110	185	1	05/04/23 10:30	05/05/23 11:44	7440-47-3	
Copper	8860	ug/kg	1110	318	1	05/04/23 10:30	05/05/23 11:44	7440-50-8	
Lead	19700	ug/kg	1110	440	1	05/04/23 10:30	05/05/23 11:44	7439-92-1	
Zinc	39500	ug/kg	1110	623	1	05/04/23 10:30	05/05/23 11:44	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	284	ug/kg	61.3	27.9	1	04/26/23 10:43	05/02/23 21:49	7440-43-9	
Selenium	2260	ug/kg	123	34.6	1	04/26/23 10:43	05/02/23 21:49	7782-49-2	
Silver	ND	ug/kg	61.3	2.7	1	04/26/23 10:43	05/02/23 21:49	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	261	24.8	1	05/01/23 11:57	05/01/23 20:09	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	43.6	ug/kg	30.4	12.2	5	04/26/23 15:24	04/26/23 22:01	83-32-9	
Acenaphthylene	ND	ug/kg	30.4	11.5	5	04/26/23 15:24	04/26/23 22:01	208-96-8	
Anthracene	151	ug/kg	30.4	15.2	5	04/26/23 15:24	04/26/23 22:01	120-12-7	
Benzo(a)anthracene	522	ug/kg	30.4	8.6	5	04/26/23 15:24	04/26/23 22:01	56-55-3	
Benzo(a)pyrene	570	ug/kg	30.4	18.1	5	04/26/23 15:24	04/26/23 22:01	50-32-8	
Benzo(b)fluoranthene	780	ug/kg	30.4	16.7	5	04/26/23 15:24	04/26/23 22:01	205-99-2	
Benzo(g,h,i)perylene	403	ug/kg	30.4	18.0	5	04/26/23 15:24	04/26/23 22:01	191-24-2	
Benzo(k)fluoranthene	225	ug/kg	30.4	14.1	5	04/26/23 15:24	04/26/23 22:01	207-08-9	
Chrysene	573	ug/kg	30.4	20.9	5	04/26/23 15:24	04/26/23 22:01	218-01-9	
Dibenz(a,h)anthracene	103	ug/kg	30.4	15.0	5	04/26/23 15:24	04/26/23 22:01	53-70-3	
Fluoranthene	1260	ug/kg	30.4	21.2	5	04/26/23 15:24	04/26/23 22:01	206-44-0	
Fluorene	38.3	ug/kg	30.4	12.0	5	04/26/23 15:24	04/26/23 22:01	86-73-7	
Indeno(1,2,3-cd)pyrene	362	ug/kg	30.4	15.5	5	04/26/23 15:24	04/26/23 22:01	193-39-5	
2-Methylnaphthalene	ND	ug/kg	30.4	28.6	5	04/26/23 15:24	04/26/23 22:01	91-57-6	
Naphthalene	ND	ug/kg	30.4	28.0	5	04/26/23 15:24	04/26/23 22:01	91-20-3	ED
Phenanthrene	590	ug/kg	30.4	21.9	5	04/26/23 15:24	04/26/23 22:01	85-01-8	
Pyrene	1090	ug/kg	30.4	20.9	5	04/26/23 15:24	04/26/23 22:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		5	04/26/23 15:24	04/26/23 22:01	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		5	04/26/23 15:24	04/26/23 22:01	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	18.9	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-6 (0-2) **Lab ID: 50343062006** Collected: 04/24/23 12:40 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8670	ug/kg	978	166	1	05/04/23 10:30	05/05/23 11:46	7440-38-2	
Barium	112000	ug/kg	978	182	1	05/04/23 10:30	05/05/23 11:46	7440-39-3	
Chromium	18200	ug/kg	978	163	1	05/04/23 10:30	05/05/23 11:46	7440-47-3	
Copper	59500	ug/kg	978	281	1	05/04/23 10:30	05/05/23 11:46	7440-50-8	
Lead	122000	ug/kg	978	389	1	05/04/23 10:30	05/05/23 11:46	7439-92-1	
Zinc	176000	ug/kg	978	550	1	05/04/23 10:30	05/05/23 11:46	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	550	ug/kg	57.5	26.1	1	04/26/23 10:43	05/02/23 21:53	7440-43-9	
Selenium	1940	ug/kg	115	32.4	1	04/26/23 10:43	05/02/23 21:53	7782-49-2	
Silver	ND	ug/kg	57.5	2.6	1	04/26/23 10:43	05/02/23 21:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	220	20.9	1	05/01/23 11:57	05/01/23 20:12	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	27.6	11.1	5	04/26/23 15:24	04/26/23 22:16	83-32-9	
Acenaphthylene	ND	ug/kg	27.6	10.4	5	04/26/23 15:24	04/26/23 22:16	208-96-8	
Anthracene	82.5	ug/kg	27.6	13.8	5	04/26/23 15:24	04/26/23 22:16	120-12-7	
Benzo(a)anthracene	262	ug/kg	27.6	7.8	5	04/26/23 15:24	04/26/23 22:16	56-55-3	
Benzo(a)pyrene	270	ug/kg	27.6	16.4	5	04/26/23 15:24	04/26/23 22:16	50-32-8	
Benzo(b)fluoranthene	374	ug/kg	27.6	15.2	5	04/26/23 15:24	04/26/23 22:16	205-99-2	
Benzo(g,h,i)perylene	179	ug/kg	27.6	16.4	5	04/26/23 15:24	04/26/23 22:16	191-24-2	
Benzo(k)fluoranthene	118	ug/kg	27.6	12.7	5	04/26/23 15:24	04/26/23 22:16	207-08-9	
Chrysene	281	ug/kg	27.6	18.9	5	04/26/23 15:24	04/26/23 22:16	218-01-9	
Dibenz(a,h)anthracene	54.4	ug/kg	27.6	13.6	5	04/26/23 15:24	04/26/23 22:16	53-70-3	
Fluoranthene	528	ug/kg	27.6	19.2	5	04/26/23 15:24	04/26/23 22:16	206-44-0	
Fluorene	ND	ug/kg	27.6	10.9	5	04/26/23 15:24	04/26/23 22:16	86-73-7	
Indeno(1,2,3-cd)pyrene	168	ug/kg	27.6	14.0	5	04/26/23 15:24	04/26/23 22:16	193-39-5	
2-Methylnaphthalene	ND	ug/kg	27.6	25.9	5	04/26/23 15:24	04/26/23 22:16	91-57-6	
Naphthalene	ND	ug/kg	27.6	25.4	5	04/26/23 15:24	04/26/23 22:16	91-20-3	ED
Phenanthrene	251	ug/kg	27.6	19.9	5	04/26/23 15:24	04/26/23 22:16	85-01-8	
Pyrene	481	ug/kg	27.6	18.9	5	04/26/23 15:24	04/26/23 22:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	23-115		5	04/26/23 15:24	04/26/23 22:16	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		5	04/26/23 15:24	04/26/23 22:16	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.5	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-7 (0-2) **Lab ID: 50343062007** Collected: 04/24/23 12:50 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	4100	ug/kg	1150	196	1	05/04/23 10:30	05/05/23 11:48	7440-38-2	
Barium	41400	ug/kg	1150	214	1	05/04/23 10:30	05/05/23 11:48	7440-39-3	
Chromium	10000	ug/kg	1150	192	1	05/04/23 10:30	05/05/23 11:48	7440-47-3	
Copper	16900	ug/kg	1150	331	1	05/04/23 10:30	05/05/23 11:48	7440-50-8	
Lead	33000	ug/kg	1150	459	1	05/04/23 10:30	05/05/23 11:48	7439-92-1	
Zinc	63800	ug/kg	1150	649	1	05/04/23 10:30	05/05/23 11:48	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	372	ug/kg	55.0	25.0	1	04/26/23 10:43	05/02/23 22:05	7440-43-9	
Selenium	3620	ug/kg	550	155	5	04/26/23 10:43	05/02/23 19:46	7782-49-2	
Silver	ND	ug/kg	55.0	2.4	1	04/26/23 10:43	05/02/23 22:05	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	228	21.7	1	05/01/23 11:57	05/01/23 20:14	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	57.7	23.2	10	04/26/23 15:24	04/26/23 22:30	83-32-9	
Acenaphthylene	ND	ug/kg	57.7	21.7	10	04/26/23 15:24	04/26/23 22:30	208-96-8	
Anthracene	156	ug/kg	57.7	28.9	10	04/26/23 15:24	04/26/23 22:30	120-12-7	
Benzo(a)anthracene	398	ug/kg	57.7	16.4	10	04/26/23 15:24	04/26/23 22:30	56-55-3	
Benzo(a)pyrene	1770	ug/kg	57.7	34.4	10	04/26/23 15:24	04/26/23 22:30	50-32-8	
Benzo(b)fluoranthene	951	ug/kg	57.7	31.8	10	04/26/23 15:24	04/26/23 22:30	205-99-2	
Benzo(g,h,i)perylene	3160	ug/kg	57.7	34.2	10	04/26/23 15:24	04/26/23 22:30	191-24-2	
Benzo(k)fluoranthene	205	ug/kg	57.7	26.7	10	04/26/23 15:24	04/26/23 22:30	207-08-9	
Chrysene	983	ug/kg	57.7	39.7	10	04/26/23 15:24	04/26/23 22:30	218-01-9	
Dibenz(a,h)anthracene	483	ug/kg	57.7	28.4	10	04/26/23 15:24	04/26/23 22:30	53-70-3	
Fluoranthene	439	ug/kg	57.7	40.2	10	04/26/23 15:24	04/26/23 22:30	206-44-0	
Fluorene	ND	ug/kg	57.7	22.8	10	04/26/23 15:24	04/26/23 22:30	86-73-7	
Indeno(1,2,3-cd)pyrene	869	ug/kg	57.7	29.4	10	04/26/23 15:24	04/26/23 22:30	193-39-5	
2-Methylnaphthalene	69.5	ug/kg	57.7	54.3	10	04/26/23 15:24	04/26/23 22:30	91-57-6	
Naphthalene	61.7	ug/kg	57.7	53.1	10	04/26/23 15:24	04/26/23 22:30	91-20-3	ED
Phenanthrene	327	ug/kg	57.7	41.6	10	04/26/23 15:24	04/26/23 22:30	85-01-8	
Pyrene	1380	ug/kg	57.7	39.6	10	04/26/23 15:24	04/26/23 22:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		10	04/26/23 15:24	04/26/23 22:30	321-60-8	
p-Terphenyl-d14 (S)	81	%	19-136		10	04/26/23 15:24	04/26/23 22:30	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.0	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-8 (0-2) **Lab ID: 50343062008** Collected: 04/24/23 12:54 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5850	ug/kg	1120	191	1	05/04/23 10:30	05/05/23 11:55	7440-38-2	
Barium	69300	ug/kg	1120	209	1	05/04/23 10:30	05/05/23 11:55	7440-39-3	
Chromium	14900	ug/kg	1120	188	1	05/04/23 10:30	05/05/23 11:55	7440-47-3	
Copper	21400	ug/kg	1120	323	1	05/04/23 10:30	05/05/23 11:55	7440-50-8	
Lead	42900	ug/kg	1120	447	1	05/04/23 10:30	05/05/23 11:55	7439-92-1	
Zinc	125000	ug/kg	1120	633	1	05/04/23 10:30	05/05/23 11:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	530	ug/kg	56.1	25.5	1	04/26/23 10:43	05/02/23 22:09	7440-43-9	
Selenium	3690	ug/kg	561	158	5	04/26/23 10:43	05/02/23 19:50	7782-49-2	
Silver	ND	ug/kg	56.1	2.5	1	04/26/23 10:43	05/02/23 22:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	238	22.6	1	05/01/23 11:57	05/01/23 20:17	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	34.1	ug/kg	28.6	11.5	5	04/26/23 15:24	04/26/23 22:44	83-32-9	
Acenaphthylene	ND	ug/kg	28.6	10.8	5	04/26/23 15:24	04/26/23 22:44	208-96-8	
Anthracene	104	ug/kg	28.6	14.3	5	04/26/23 15:24	04/26/23 22:44	120-12-7	
Benzo(a)anthracene	349	ug/kg	28.6	8.1	5	04/26/23 15:24	04/26/23 22:44	56-55-3	
Benzo(a)pyrene	370	ug/kg	28.6	17.1	5	04/26/23 15:24	04/26/23 22:44	50-32-8	
Benzo(b)fluoranthene	490	ug/kg	28.6	15.8	5	04/26/23 15:24	04/26/23 22:44	205-99-2	
Benzo(g,h,i)perylene	304	ug/kg	28.6	17.0	5	04/26/23 15:24	04/26/23 22:44	191-24-2	
Benzo(k)fluoranthene	158	ug/kg	28.6	13.2	5	04/26/23 15:24	04/26/23 22:44	207-08-9	
Chrysene	387	ug/kg	28.6	19.7	5	04/26/23 15:24	04/26/23 22:44	218-01-9	
Dibenz(a,h)anthracene	66.1	ug/kg	28.6	14.1	5	04/26/23 15:24	04/26/23 22:44	53-70-3	
Fluoranthene	684	ug/kg	28.6	20.0	5	04/26/23 15:24	04/26/23 22:44	206-44-0	
Fluorene	37.7	ug/kg	28.6	11.3	5	04/26/23 15:24	04/26/23 22:44	86-73-7	
Indeno(1,2,3-cd)pyrene	239	ug/kg	28.6	14.6	5	04/26/23 15:24	04/26/23 22:44	193-39-5	
2-Methylnaphthalene	111	ug/kg	28.6	26.9	5	04/26/23 15:24	04/26/23 22:44	91-57-6	
Naphthalene	149	ug/kg	28.6	26.4	5	04/26/23 15:24	04/26/23 22:44	91-20-3	ED
Phenanthrene	416	ug/kg	28.6	20.6	5	04/26/23 15:24	04/26/23 22:44	85-01-8	
Pyrene	635	ug/kg	28.6	19.7	5	04/26/23 15:24	04/26/23 22:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		5	04/26/23 15:24	04/26/23 22:44	321-60-8	
p-Terphenyl-d14 (S)	97	%	19-136		5	04/26/23 15:24	04/26/23 22:44	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.4	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-9 (0-2) **Lab ID: 50343062009** Collected: 04/24/23 12:57 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10500	ug/kg	1110	188	1	05/04/23 10:30	05/05/23 11:57	7440-38-2	
Barium	197000	ug/kg	1110	206	1	05/04/23 10:30	05/05/23 11:57	7440-39-3	
Chromium	25900	ug/kg	1110	185	1	05/04/23 10:30	05/05/23 11:57	7440-47-3	
Copper	103000	ug/kg	1110	318	1	05/04/23 10:30	05/05/23 11:57	7440-50-8	
Lead	995000	ug/kg	1110	441	1	05/04/23 10:30	05/05/23 11:57	7439-92-1	
Zinc	327000	ug/kg	1110	624	1	05/04/23 10:30	05/05/23 11:57	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	19300	ug/kg	56.1	25.5	1	04/26/23 10:43	05/02/23 22:13	7440-43-9	
Selenium	2100	ug/kg	112	31.7	1	04/26/23 10:43	05/02/23 22:13	7782-49-2	
Silver	146	ug/kg	56.1	2.5	1	04/26/23 10:43	05/02/23 22:13	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	231	21.9	1	05/03/23 09:47	05/03/23 16:42	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	365	ug/kg	28.4	11.4	5	04/26/23 15:24	04/26/23 22:59	83-32-9	
Acenaphthylene	697	ug/kg	28.4	10.7	5	04/26/23 15:24	04/26/23 22:59	208-96-8	
Anthracene	1800	ug/kg	28.4	14.2	5	04/26/23 15:24	04/26/23 22:59	120-12-7	
Benzo(a)anthracene	4100	ug/kg	28.4	8.1	5	04/26/23 15:24	04/26/23 22:59	56-55-3	
Benzo(a)pyrene	3070	ug/kg	28.4	16.9	5	04/26/23 15:24	04/26/23 22:59	50-32-8	
Benzo(b)fluoranthene	4270	ug/kg	28.4	15.6	5	04/26/23 15:24	04/26/23 22:59	205-99-2	
Benzo(g,h,i)perylene	1640	ug/kg	28.4	16.8	5	04/26/23 15:24	04/26/23 22:59	191-24-2	
Benzo(k)fluoranthene	1370	ug/kg	28.4	13.1	5	04/26/23 15:24	04/26/23 22:59	207-08-9	
Chrysene	3980	ug/kg	28.4	19.5	5	04/26/23 15:24	04/26/23 22:59	218-01-9	
Dibenz(a,h)anthracene	631	ug/kg	28.4	14.0	5	04/26/23 15:24	04/26/23 22:59	53-70-3	
Fluoranthene	9080	ug/kg	28.4	19.8	5	04/26/23 15:24	04/26/23 22:59	206-44-0	
Fluorene	665	ug/kg	28.4	11.2	5	04/26/23 15:24	04/26/23 22:59	86-73-7	
Indeno(1,2,3-cd)pyrene	1620	ug/kg	28.4	14.5	5	04/26/23 15:24	04/26/23 22:59	193-39-5	
2-Methylnaphthalene	200	ug/kg	28.4	26.7	5	04/26/23 15:24	04/26/23 22:59	91-57-6	
Naphthalene	103	ug/kg	28.4	26.1	5	04/26/23 15:24	04/26/23 22:59	91-20-3	ED
Phenanthrene	8540	ug/kg	28.4	20.4	5	04/26/23 15:24	04/26/23 22:59	85-01-8	
Pyrene	8890	ug/kg	28.4	19.5	5	04/26/23 15:24	04/26/23 22:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	23-115		5	04/26/23 15:24	04/26/23 22:59	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		5	04/26/23 15:24	04/26/23 22:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-10 (0-2) **Lab ID: 50343062010** Collected: 04/24/23 13:04 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	100000	ug/kg	1100	187	1	05/04/23 10:30	05/05/23 11:59	7440-38-2	
Barium	134000	ug/kg	1100	204	1	05/04/23 10:30	05/05/23 11:59	7440-39-3	
Chromium	21200	ug/kg	1100	183	1	05/04/23 10:30	05/05/23 11:59	7440-47-3	
Copper	57700	ug/kg	1100	315	1	05/04/23 10:30	05/05/23 11:59	7440-50-8	
Lead	128000	ug/kg	1100	437	1	05/04/23 10:30	05/05/23 11:59	7439-92-1	
Zinc	139000	ug/kg	1100	618	1	05/04/23 10:30	05/05/23 11:59	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	472	ug/kg	56.2	25.5	1	04/26/23 10:43	05/02/23 22:17	7440-43-9	
Selenium	4450	ug/kg	562	159	5	04/26/23 10:43	05/02/23 19:57	7782-49-2	
Silver	122	ug/kg	56.2	2.5	1	04/26/23 10:43	05/02/23 22:17	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	370	ug/kg	226	21.4	1	05/03/23 09:47	05/03/23 16:45	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	619	ug/kg	29.7	11.9	5	04/26/23 15:24	04/26/23 23:13	83-32-9	
Acenaphthylene	80.4	ug/kg	29.7	11.2	5	04/26/23 15:24	04/26/23 23:13	208-96-8	
Anthracene	3830	ug/kg	29.7	14.9	5	04/26/23 15:24	04/26/23 23:13	120-12-7	
Benzo(a)anthracene	5860	ug/kg	29.7	8.4	5	04/26/23 15:24	04/26/23 23:13	56-55-3	
Benzo(a)pyrene	4330	ug/kg	29.7	17.7	5	04/26/23 15:24	04/26/23 23:13	50-32-8	
Benzo(b)fluoranthene	6340	ug/kg	29.7	16.3	5	04/26/23 15:24	04/26/23 23:13	205-99-2	
Benzo(g,h,i)perylene	2370	ug/kg	29.7	17.6	5	04/26/23 15:24	04/26/23 23:13	191-24-2	
Benzo(k)fluoranthene	2060	ug/kg	29.7	13.7	5	04/26/23 15:24	04/26/23 23:13	207-08-9	
Chrysene	5480	ug/kg	29.7	20.4	5	04/26/23 15:24	04/26/23 23:13	218-01-9	
Dibenz(a,h)anthracene	827	ug/kg	29.7	14.6	5	04/26/23 15:24	04/26/23 23:13	53-70-3	
Fluoranthene	14800	ug/kg	29.7	20.7	5	04/26/23 15:24	04/26/23 23:13	206-44-0	
Fluorene	1020	ug/kg	29.7	11.7	5	04/26/23 15:24	04/26/23 23:13	86-73-7	
Indeno(1,2,3-cd)pyrene	2430	ug/kg	29.7	15.1	5	04/26/23 15:24	04/26/23 23:13	193-39-5	
2-Methylnaphthalene	175	ug/kg	29.7	27.9	5	04/26/23 15:24	04/26/23 23:13	91-57-6	
Naphthalene	163	ug/kg	29.7	27.3	5	04/26/23 15:24	04/26/23 23:13	91-20-3	ED
Phenanthrene	12000	ug/kg	29.7	21.4	5	04/26/23 15:24	04/26/23 23:13	85-01-8	
Pyrene	12500	ug/kg	29.7	20.4	5	04/26/23 15:24	04/26/23 23:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		5	04/26/23 15:24	04/26/23 23:13	321-60-8	
p-Terphenyl-d14 (S)	106	%	19-136		5	04/26/23 15:24	04/26/23 23:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.3	%	0.10	0.10	1		05/03/23 17:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-11 (0-2) **Lab ID: 50343062011** Collected: 04/24/23 13:12 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9870	ug/kg	981	167	1	05/04/23 10:30	05/05/23 12:02	7440-38-2	
Barium	53100	ug/kg	981	182	1	05/04/23 10:30	05/05/23 12:02	7440-39-3	
Chromium	17900	ug/kg	981	164	1	05/04/23 10:30	05/05/23 12:02	7440-47-3	
Copper	22700	ug/kg	981	282	1	05/04/23 10:30	05/05/23 12:02	7440-50-8	
Lead	68000	ug/kg	981	390	1	05/04/23 10:30	05/05/23 12:02	7439-92-1	
Zinc	73300	ug/kg	981	552	1	05/04/23 10:30	05/05/23 12:02	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	278	ug/kg	56.9	25.8	1	04/26/23 10:43	05/02/23 22:21	7440-43-9	
Selenium	4170	ug/kg	569	160	5	04/26/23 10:43	05/02/23 20:01	7782-49-2	
Silver	ND	ug/kg	56.9	2.5	1	04/26/23 10:43	05/02/23 22:21	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	235	22.3	1	05/03/23 09:47	05/03/23 16:47	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.6	2.3	1	04/26/23 15:24	04/26/23 23:28	83-32-9	
Acenaphthylene	6.4	ug/kg	5.6	2.1	1	04/26/23 15:24	04/26/23 23:28	208-96-8	
Anthracene	11.6	ug/kg	5.6	2.8	1	04/26/23 15:24	04/26/23 23:28	120-12-7	
Benzo(a)anthracene	53.4	ug/kg	5.6	1.6	1	04/26/23 15:24	04/26/23 23:28	56-55-3	
Benzo(a)pyrene	55.7	ug/kg	5.6	3.3	1	04/26/23 15:24	04/26/23 23:28	50-32-8	
Benzo(b)fluoranthene	74.6	ug/kg	5.6	3.1	1	04/26/23 15:24	04/26/23 23:28	205-99-2	
Benzo(g,h,i)perylene	37.0	ug/kg	5.6	3.3	1	04/26/23 15:24	04/26/23 23:28	191-24-2	
Benzo(k)fluoranthene	24.4	ug/kg	5.6	2.6	1	04/26/23 15:24	04/26/23 23:28	207-08-9	
Chrysene	56.0	ug/kg	5.6	3.9	1	04/26/23 15:24	04/26/23 23:28	218-01-9	
Dibenz(a,h)anthracene	14.1	ug/kg	5.6	2.8	1	04/26/23 15:24	04/26/23 23:28	53-70-3	
Fluoranthene	88.1	ug/kg	5.6	3.9	1	04/26/23 15:24	04/26/23 23:28	206-44-0	
Fluorene	ND	ug/kg	5.6	2.2	1	04/26/23 15:24	04/26/23 23:28	86-73-7	
Indeno(1,2,3-cd)pyrene	34.1	ug/kg	5.6	2.9	1	04/26/23 15:24	04/26/23 23:28	193-39-5	
2-Methylnaphthalene	13.6	ug/kg	5.6	5.3	1	04/26/23 15:24	04/26/23 23:28	91-57-6	
Naphthalene	14.6	ug/kg	5.6	5.2	1	04/26/23 15:24	04/26/23 23:28	91-20-3	
Phenanthrene	39.4	ug/kg	5.6	4.0	1	04/26/23 15:24	04/26/23 23:28	85-01-8	
Pyrene	82.7	ug/kg	5.6	3.8	1	04/26/23 15:24	04/26/23 23:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	04/26/23 15:24	04/26/23 23:28	321-60-8	
p-Terphenyl-d14 (S)	87	%	19-136		1	04/26/23 15:24	04/26/23 23:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/03/23 17:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-12 (0-2) **Lab ID: 50343062012** Collected: 04/24/23 13:17 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3320	ug/kg	1100	187	1	05/04/23 10:30	05/05/23 12:04	7440-38-2	
Barium	34000	ug/kg	1100	205	1	05/04/23 10:30	05/05/23 12:04	7440-39-3	
Chromium	8040	ug/kg	1100	184	1	05/04/23 10:30	05/05/23 12:04	7440-47-3	
Copper	9350	ug/kg	1100	316	1	05/04/23 10:30	05/05/23 12:04	7440-50-8	
Lead	23400	ug/kg	1100	439	1	05/04/23 10:30	05/05/23 12:04	7439-92-1	
Zinc	43600	ug/kg	1100	621	1	05/04/23 10:30	05/05/23 12:04	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	303	ug/kg	61.8	28.0	1	04/26/23 10:43	05/02/23 22:33	7440-43-9	
Selenium	2230	ug/kg	618	174	5	04/26/23 10:43	05/02/23 20:13	7782-49-2	
Silver	ND	ug/kg	61.8	2.7	1	04/26/23 10:43	05/02/23 22:33	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	255	24.2	1	05/03/23 09:47	05/03/23 16:49	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	14.0	ug/kg	5.9	2.4	1	04/26/23 15:24	04/26/23 23:42	83-32-9	
Acenaphthylene	6.1	ug/kg	5.9	2.2	1	04/26/23 15:24	04/26/23 23:42	208-96-8	
Anthracene	41.0	ug/kg	5.9	3.0	1	04/26/23 15:24	04/26/23 23:42	120-12-7	
Benzo(a)anthracene	133	ug/kg	5.9	1.7	1	04/26/23 15:24	04/26/23 23:42	56-55-3	
Benzo(a)pyrene	135	ug/kg	5.9	3.5	1	04/26/23 15:24	04/26/23 23:42	50-32-8	
Benzo(b)fluoranthene	197	ug/kg	5.9	3.2	1	04/26/23 15:24	04/26/23 23:42	205-99-2	
Benzo(g,h,i)perylene	88.6	ug/kg	5.9	3.5	1	04/26/23 15:24	04/26/23 23:42	191-24-2	
Benzo(k)fluoranthene	59.9	ug/kg	5.9	2.7	1	04/26/23 15:24	04/26/23 23:42	207-08-9	
Chrysene	144	ug/kg	5.9	4.0	1	04/26/23 15:24	04/26/23 23:42	218-01-9	
Dibenz(a,h)anthracene	27.3	ug/kg	5.9	2.9	1	04/26/23 15:24	04/26/23 23:42	53-70-3	
Fluoranthene	296	ug/kg	5.9	4.1	1	04/26/23 15:24	04/26/23 23:42	206-44-0	
Fluorene	14.3	ug/kg	5.9	2.3	1	04/26/23 15:24	04/26/23 23:42	86-73-7	
Indeno(1,2,3-cd)pyrene	82.8	ug/kg	5.9	3.0	1	04/26/23 15:24	04/26/23 23:42	193-39-5	
2-Methylnaphthalene	10.9	ug/kg	5.9	5.5	1	04/26/23 15:24	04/26/23 23:42	91-57-6	
Naphthalene	12.3	ug/kg	5.9	5.4	1	04/26/23 15:24	04/26/23 23:42	91-20-3	
Phenanthrene	176	ug/kg	5.9	4.2	1	04/26/23 15:24	04/26/23 23:42	85-01-8	
Pyrene	257	ug/kg	5.9	4.0	1	04/26/23 15:24	04/26/23 23:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	23-115		1	04/26/23 15:24	04/26/23 23:42	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		1	04/26/23 15:24	04/26/23 23:42	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.5	%	0.10	0.10	1		05/03/23 17:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-13 (0-2) **Lab ID: 50343062013** Collected: 04/24/23 13:24 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7500	ug/kg	1060	180	1	05/04/23 10:30	05/05/23 12:06	7440-38-2	
Barium	130000	ug/kg	1060	197	1	05/04/23 10:30	05/05/23 12:06	7440-39-3	
Chromium	32700	ug/kg	1060	177	1	05/04/23 10:30	05/05/23 12:06	7440-47-3	
Copper	26700	ug/kg	1060	305	1	05/04/23 10:30	05/05/23 12:06	7440-50-8	
Lead	29300	ug/kg	1060	422	1	05/04/23 10:30	05/05/23 12:06	7439-92-1	
Zinc	62600	ug/kg	1060	597	1	05/04/23 10:30	05/05/23 12:06	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	154	ug/kg	55.0	25.0	1	04/26/23 10:43	05/02/23 22:36	7440-43-9	
Selenium	4340	ug/kg	550	155	5	04/26/23 10:43	05/02/23 20:17	7782-49-2	
Silver	ND	ug/kg	55.0	2.4	1	04/26/23 10:43	05/02/23 22:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	227	21.6	1	05/03/23 09:47	05/03/23 16:52	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	12.0	ug/kg	5.5	2.2	1	04/26/23 15:24	04/26/23 23:57	83-32-9	
Acenaphthylene	ND	ug/kg	5.5	2.1	1	04/26/23 15:24	04/26/23 23:57	208-96-8	
Anthracene	9.5	ug/kg	5.5	2.8	1	04/26/23 15:24	04/26/23 23:57	120-12-7	
Benzo(a)anthracene	26.6	ug/kg	5.5	1.6	1	04/26/23 15:24	04/26/23 23:57	56-55-3	
Benzo(a)pyrene	24.9	ug/kg	5.5	3.3	1	04/26/23 15:24	04/26/23 23:57	50-32-8	
Benzo(b)fluoranthene	33.9	ug/kg	5.5	3.0	1	04/26/23 15:24	04/26/23 23:57	205-99-2	
Benzo(g,h,i)perylene	21.6	ug/kg	5.5	3.3	1	04/26/23 15:24	04/26/23 23:57	191-24-2	
Benzo(k)fluoranthene	10.5	ug/kg	5.5	2.5	1	04/26/23 15:24	04/26/23 23:57	207-08-9	
Chrysene	32.4	ug/kg	5.5	3.8	1	04/26/23 15:24	04/26/23 23:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.5	2.7	1	04/26/23 15:24	04/26/23 23:57	53-70-3	
Fluoranthene	49.8	ug/kg	5.5	3.8	1	04/26/23 15:24	04/26/23 23:57	206-44-0	
Fluorene	5.9	ug/kg	5.5	2.2	1	04/26/23 15:24	04/26/23 23:57	86-73-7	
Indeno(1,2,3-cd)pyrene	14.5	ug/kg	5.5	2.8	1	04/26/23 15:24	04/26/23 23:57	193-39-5	
2-Methylnaphthalene	46.4	ug/kg	5.5	5.2	1	04/26/23 15:24	04/26/23 23:57	91-57-6	
Naphthalene	117	ug/kg	5.5	5.1	1	04/26/23 15:24	04/26/23 23:57	91-20-3	
Phenanthrene	41.1	ug/kg	5.5	4.0	1	04/26/23 15:24	04/26/23 23:57	85-01-8	
Pyrene	52.4	ug/kg	5.5	3.8	1	04/26/23 15:24	04/26/23 23:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		1	04/26/23 15:24	04/26/23 23:57	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136		1	04/26/23 15:24	04/26/23 23:57	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.2	%	0.10	0.10	1		05/03/23 17:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-14 (0-2) **Lab ID: 50343062014** Collected: 04/24/23 13:35 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3150	ug/kg	973	165	1	05/04/23 10:30	05/05/23 12:08	7440-38-2	
Barium	20700	ug/kg	973	181	1	05/04/23 10:30	05/05/23 12:08	7440-39-3	
Chromium	13100	ug/kg	973	162	1	05/04/23 10:30	05/05/23 12:08	7440-47-3	
Copper	5560	ug/kg	973	279	1	05/04/23 10:30	05/05/23 12:08	7440-50-8	
Lead	5600	ug/kg	973	387	1	05/04/23 10:30	05/05/23 12:08	7439-92-1	
Zinc	18400	ug/kg	973	548	1	05/04/23 10:30	05/05/23 12:08	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	123	ug/kg	52.4	23.8	1	04/26/23 10:43	05/02/23 22:40	7440-43-9	
Selenium	2270	ug/kg	524	148	5	04/26/23 10:43	05/02/23 20:21	7782-49-2	
Silver	ND	ug/kg	52.4	2.3	1	04/26/23 10:43	05/02/23 22:40	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	219	20.8	1	05/03/23 09:47	05/03/23 16:54	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	25.9	10.4	5	04/26/23 15:24	04/27/23 00:11	83-32-9	
Acenaphthylene	ND	ug/kg	25.9	9.8	5	04/26/23 15:24	04/27/23 00:11	208-96-8	
Anthracene	27.5	ug/kg	25.9	13.0	5	04/26/23 15:24	04/27/23 00:11	120-12-7	
Benzo(a)anthracene	116	ug/kg	25.9	7.4	5	04/26/23 15:24	04/27/23 00:11	56-55-3	
Benzo(a)pyrene	128	ug/kg	25.9	15.4	5	04/26/23 15:24	04/27/23 00:11	50-32-8	
Benzo(b)fluoranthene	171	ug/kg	25.9	14.3	5	04/26/23 15:24	04/27/23 00:11	205-99-2	
Benzo(g,h,i)perylene	83.3	ug/kg	25.9	15.4	5	04/26/23 15:24	04/27/23 00:11	191-24-2	
Benzo(k)fluoranthene	63.4	ug/kg	25.9	12.0	5	04/26/23 15:24	04/27/23 00:11	207-08-9	
Chrysene	133	ug/kg	25.9	17.8	5	04/26/23 15:24	04/27/23 00:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	25.9	12.8	5	04/26/23 15:24	04/27/23 00:11	53-70-3	
Fluoranthene	230	ug/kg	25.9	18.1	5	04/26/23 15:24	04/27/23 00:11	206-44-0	
Fluorene	ND	ug/kg	25.9	10.3	5	04/26/23 15:24	04/27/23 00:11	86-73-7	
Indeno(1,2,3-cd)pyrene	79.5	ug/kg	25.9	13.2	5	04/26/23 15:24	04/27/23 00:11	193-39-5	
2-Methylnaphthalene	ND	ug/kg	25.9	24.4	5	04/26/23 15:24	04/27/23 00:11	91-57-6	
Naphthalene	ND	ug/kg	25.9	23.9	5	04/26/23 15:24	04/27/23 00:11	91-20-3	ED
Phenanthrene	106	ug/kg	25.9	18.7	5	04/26/23 15:24	04/27/23 00:11	85-01-8	
Pyrene	208	ug/kg	25.9	17.8	5	04/26/23 15:24	04/27/23 00:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	87	%	23-115		5	04/26/23 15:24	04/27/23 00:11	321-60-8	
p-Terphenyl-d14 (S)	110	%	19-136		5	04/26/23 15:24	04/27/23 00:11	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	6.7	%	0.10	0.10	1		05/03/23 17:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: SB-15 (0-2) **Lab ID: 50343062015** Collected: 04/24/23 13:45 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5950	ug/kg	929	158	1	05/04/23 10:30	05/05/23 12:11	7440-38-2	
Barium	55800	ug/kg	929	173	1	05/04/23 10:30	05/05/23 12:11	7440-39-3	
Chromium	16000	ug/kg	929	155	1	05/04/23 10:30	05/05/23 12:11	7440-47-3	
Copper	17300	ug/kg	929	267	1	05/04/23 10:30	05/05/23 12:11	7440-50-8	
Lead	43800	ug/kg	929	370	1	05/04/23 10:30	05/05/23 12:11	7439-92-1	
Zinc	66100	ug/kg	929	523	1	05/04/23 10:30	05/05/23 12:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	170	ug/kg	52.0	23.6	1	04/26/23 10:43	05/02/23 22:44	7440-43-9	
Selenium	2500	ug/kg	520	147	5	04/26/23 10:43	05/02/23 20:25	7782-49-2	
Silver	ND	ug/kg	52.0	2.3	1	04/26/23 10:43	05/02/23 22:44	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	215	20.4	1	05/03/23 09:47	05/03/23 16:57	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	10.1	ug/kg	5.3	2.1	1	04/26/23 15:24	04/27/23 00:26	83-32-9	
Acenaphthylene	ND	ug/kg	5.3	2.0	1	04/26/23 15:24	04/27/23 00:26	208-96-8	
Anthracene	55.9	ug/kg	5.3	2.7	1	04/26/23 15:24	04/27/23 00:26	120-12-7	
Benzo(a)anthracene	166	ug/kg	5.3	1.5	1	04/26/23 15:24	04/27/23 00:26	56-55-3	
Benzo(a)pyrene	148	ug/kg	5.3	3.2	1	04/26/23 15:24	04/27/23 00:26	50-32-8	
Benzo(b)fluoranthene	214	ug/kg	5.3	2.9	1	04/26/23 15:24	04/27/23 00:26	205-99-2	
Benzo(g,h,i)perylene	85.5	ug/kg	5.3	3.2	1	04/26/23 15:24	04/27/23 00:26	191-24-2	
Benzo(k)fluoranthene	66.5	ug/kg	5.3	2.5	1	04/26/23 15:24	04/27/23 00:26	207-08-9	
Chrysene	181	ug/kg	5.3	3.7	1	04/26/23 15:24	04/27/23 00:26	218-01-9	
Dibenz(a,h)anthracene	23.5	ug/kg	5.3	2.6	1	04/26/23 15:24	04/27/23 00:26	53-70-3	
Fluoranthene	328	ug/kg	5.3	3.7	1	04/26/23 15:24	04/27/23 00:26	206-44-0	
Fluorene	11.9	ug/kg	5.3	2.1	1	04/26/23 15:24	04/27/23 00:26	86-73-7	
Indeno(1,2,3-cd)pyrene	83.9	ug/kg	5.3	2.7	1	04/26/23 15:24	04/27/23 00:26	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.3	5.0	1	04/26/23 15:24	04/27/23 00:26	91-57-6	
Naphthalene	ND	ug/kg	5.3	4.9	1	04/26/23 15:24	04/27/23 00:26	91-20-3	
Phenanthrene	154	ug/kg	5.3	3.8	1	04/26/23 15:24	04/27/23 00:26	85-01-8	
Pyrene	289	ug/kg	5.3	3.7	1	04/26/23 15:24	04/27/23 00:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	04/26/23 15:24	04/27/23 00:26	321-60-8	
p-Terphenyl-d14 (S)	90	%	19-136		1	04/26/23 15:24	04/27/23 00:26	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.7	%	0.10	0.10	1		05/03/23 17:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-16 (0-2) **Lab ID: 50343062016** Collected: 04/24/23 14:01 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3600	ug/kg	1070	181	1	05/04/23 10:30	05/05/23 12:13	7440-38-2	
Barium	25500	ug/kg	1070	198	1	05/04/23 10:30	05/05/23 12:13	7440-39-3	
Chromium	19600	ug/kg	1070	178	1	05/04/23 10:30	05/05/23 12:13	7440-47-3	
Copper	7480	ug/kg	1070	306	1	05/04/23 10:30	05/05/23 12:13	7440-50-8	
Lead	12100	ug/kg	1070	424	1	05/04/23 10:30	05/05/23 12:13	7439-92-1	
Zinc	29500	ug/kg	1070	600	1	05/04/23 10:30	05/05/23 12:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	169	ug/kg	54.4	24.7	1	04/26/23 10:43	05/02/23 22:48	7440-43-9	
Selenium	2610	ug/kg	544	154	5	04/26/23 10:43	05/02/23 20:29	7782-49-2	
Silver	ND	ug/kg	54.4	2.4	1	04/26/23 10:43	05/02/23 22:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	235	22.3	1	05/03/23 09:47	05/03/23 16:59	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.4	2.2	1	04/26/23 15:24	04/27/23 00:40	83-32-9	
Acenaphthylene	ND	ug/kg	5.4	2.0	1	04/26/23 15:24	04/27/23 00:40	208-96-8	
Anthracene	9.2	ug/kg	5.4	2.7	1	04/26/23 15:24	04/27/23 00:40	120-12-7	
Benzo(a)anthracene	42.2	ug/kg	5.4	1.5	1	04/26/23 15:24	04/27/23 00:40	56-55-3	
Benzo(a)pyrene	45.1	ug/kg	5.4	3.2	1	04/26/23 15:24	04/27/23 00:40	50-32-8	
Benzo(b)fluoranthene	64.1	ug/kg	5.4	3.0	1	04/26/23 15:24	04/27/23 00:40	205-99-2	
Benzo(g,h,i)perylene	29.8	ug/kg	5.4	3.2	1	04/26/23 15:24	04/27/23 00:40	191-24-2	
Benzo(k)fluoranthene	22.0	ug/kg	5.4	2.5	1	04/26/23 15:24	04/27/23 00:40	207-08-9	
Chrysene	47.4	ug/kg	5.4	3.7	1	04/26/23 15:24	04/27/23 00:40	218-01-9	
Dibenz(a,h)anthracene	7.0	ug/kg	5.4	2.6	1	04/26/23 15:24	04/27/23 00:40	53-70-3	
Fluoranthene	88.3	ug/kg	5.4	3.8	1	04/26/23 15:24	04/27/23 00:40	206-44-0	
Fluorene	ND	ug/kg	5.4	2.1	1	04/26/23 15:24	04/27/23 00:40	86-73-7	
Indeno(1,2,3-cd)pyrene	28.1	ug/kg	5.4	2.7	1	04/26/23 15:24	04/27/23 00:40	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.4	5.1	1	04/26/23 15:24	04/27/23 00:40	91-57-6	
Naphthalene	ND	ug/kg	5.4	5.0	1	04/26/23 15:24	04/27/23 00:40	91-20-3	
Phenanthrene	40.9	ug/kg	5.4	3.9	1	04/26/23 15:24	04/27/23 00:40	85-01-8	
Pyrene	80.9	ug/kg	5.4	3.7	1	04/26/23 15:24	04/27/23 00:40	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	04/26/23 15:24	04/27/23 00:40	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		1	04/26/23 15:24	04/27/23 00:40	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.9	%	0.10	0.10	1		05/03/23 17:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-17 (0-2) **Lab ID: 50343062017** Collected: 04/24/23 14:17 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3020	ug/kg	1040	177	1	05/04/23 10:30	05/05/23 12:15	7440-38-2	
Barium	18800	ug/kg	1040	193	1	05/04/23 10:30	05/05/23 12:15	7440-39-3	
Chromium	6840	ug/kg	1040	173	1	05/04/23 10:30	05/05/23 12:15	7440-47-3	
Copper	6020	ug/kg	1040	298	1	05/04/23 10:30	05/05/23 12:15	7440-50-8	
Lead	8490	ug/kg	1040	413	1	05/04/23 10:30	05/05/23 12:15	7439-92-1	
Zinc	22500	ug/kg	1040	585	1	05/04/23 10:30	05/05/23 12:15	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	169	ug/kg	58.9	26.8	1	04/26/23 10:43	05/02/23 23:00	7440-43-9	
Selenium	2720	ug/kg	589	166	5	04/26/23 10:43	05/02/23 20:41	7782-49-2	
Silver	ND	ug/kg	58.9	2.6	1	04/26/23 10:43	05/02/23 23:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	248	23.5	1	05/03/23 09:47	05/03/23 17:07	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	29.3	11.8	5	04/26/23 15:24	04/27/23 00:55	83-32-9	
Acenaphthylene	ND	ug/kg	29.3	11.0	5	04/26/23 15:24	04/27/23 00:55	208-96-8	
Anthracene	39.1	ug/kg	29.3	14.7	5	04/26/23 15:24	04/27/23 00:55	120-12-7	
Benzo(a)anthracene	191	ug/kg	29.3	8.3	5	04/26/23 15:24	04/27/23 00:55	56-55-3	
Benzo(a)pyrene	211	ug/kg	29.3	17.5	5	04/26/23 15:24	04/27/23 00:55	50-32-8	
Benzo(b)fluoranthene	286	ug/kg	29.3	16.1	5	04/26/23 15:24	04/27/23 00:55	205-99-2	
Benzo(g,h,i)perylene	139	ug/kg	29.3	17.4	5	04/26/23 15:24	04/27/23 00:55	191-24-2	
Benzo(k)fluoranthene	102	ug/kg	29.3	13.6	5	04/26/23 15:24	04/27/23 00:55	207-08-9	
Chrysene	215	ug/kg	29.3	20.1	5	04/26/23 15:24	04/27/23 00:55	218-01-9	
Dibenz(a,h)anthracene	39.6	ug/kg	29.3	14.4	5	04/26/23 15:24	04/27/23 00:55	53-70-3	
Fluoranthene	403	ug/kg	29.3	20.4	5	04/26/23 15:24	04/27/23 00:55	206-44-0	
Fluorene	ND	ug/kg	29.3	11.6	5	04/26/23 15:24	04/27/23 00:55	86-73-7	
Indeno(1,2,3-cd)pyrene	132	ug/kg	29.3	14.9	5	04/26/23 15:24	04/27/23 00:55	193-39-5	
2-Methylnaphthalene	ND	ug/kg	29.3	27.6	5	04/26/23 15:24	04/27/23 00:55	91-57-6	
Naphthalene	ND	ug/kg	29.3	27.0	5	04/26/23 15:24	04/27/23 00:55	91-20-3	ED
Phenanthrene	196	ug/kg	29.3	21.1	5	04/26/23 15:24	04/27/23 00:55	85-01-8	
Pyrene	361	ug/kg	29.3	20.1	5	04/26/23 15:24	04/27/23 00:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	89	%	23-115		5	04/26/23 15:24	04/27/23 00:55	321-60-8	
p-Terphenyl-d14 (S)	106	%	19-136		5	04/26/23 15:24	04/27/23 00:55	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		05/03/23 17:20		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: SB-18 (0-2) **Lab ID: 50343062018** Collected: 04/24/23 14:24 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	2580	ug/kg	1000	171	1	05/04/23 10:30	05/05/23 12:22	7440-38-2	
Barium	17900	ug/kg	1000	187	1	05/04/23 10:30	05/05/23 12:22	7440-39-3	
Chromium	5710	ug/kg	1000	168	1	05/04/23 10:30	05/05/23 12:22	7440-47-3	
Copper	5090	ug/kg	1000	288	1	05/04/23 10:30	05/05/23 12:22	7440-50-8	
Lead	4830	ug/kg	1000	400	1	05/04/23 10:30	05/05/23 12:22	7439-92-1	
Zinc	15900	ug/kg	1000	566	1	05/04/23 10:30	05/05/23 12:22	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	78.8	ug/kg	53.3	24.2	1	04/26/23 10:43	05/02/23 23:04	7440-43-9	
Selenium	1770	ug/kg	533	150	5	04/26/23 10:43	05/02/23 20:45	7782-49-2	
Silver	ND	ug/kg	53.3	2.4	1	04/26/23 10:43	05/02/23 23:04	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	216	20.5	1	05/03/23 09:47	05/03/23 17:09	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	8.7	ug/kg	5.4	2.2	1	04/26/23 15:24	04/27/23 01:09	83-32-9	
Acenaphthylene	ND	ug/kg	5.4	2.0	1	04/26/23 15:24	04/27/23 01:09	208-96-8	
Anthracene	24.0	ug/kg	5.4	2.7	1	04/26/23 15:24	04/27/23 01:09	120-12-7	
Benzo(a)anthracene	93.1	ug/kg	5.4	1.5	1	04/26/23 15:24	04/27/23 01:09	56-55-3	
Benzo(a)pyrene	93.5	ug/kg	5.4	3.2	1	04/26/23 15:24	04/27/23 01:09	50-32-8	
Benzo(b)fluoranthene	136	ug/kg	5.4	3.0	1	04/26/23 15:24	04/27/23 01:09	205-99-2	
Benzo(g,h,i)perylene	59.8	ug/kg	5.4	3.2	1	04/26/23 15:24	04/27/23 01:09	191-24-2	
Benzo(k)fluoranthene	41.9	ug/kg	5.4	2.5	1	04/26/23 15:24	04/27/23 01:09	207-08-9	
Chrysene	100	ug/kg	5.4	3.7	1	04/26/23 15:24	04/27/23 01:09	218-01-9	
Dibenz(a,h)anthracene	18.4	ug/kg	5.4	2.6	1	04/26/23 15:24	04/27/23 01:09	53-70-3	
Fluoranthene	200	ug/kg	5.4	3.7	1	04/26/23 15:24	04/27/23 01:09	206-44-0	
Fluorene	7.9	ug/kg	5.4	2.1	1	04/26/23 15:24	04/27/23 01:09	86-73-7	
Indeno(1,2,3-cd)pyrene	58.0	ug/kg	5.4	2.7	1	04/26/23 15:24	04/27/23 01:09	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.4	5.1	1	04/26/23 15:24	04/27/23 01:09	91-57-6	
Naphthalene	ND	ug/kg	5.4	4.9	1	04/26/23 15:24	04/27/23 01:09	91-20-3	
Phenanthrene	102	ug/kg	5.4	3.9	1	04/26/23 15:24	04/27/23 01:09	85-01-8	
Pyrene	175	ug/kg	5.4	3.7	1	04/26/23 15:24	04/27/23 01:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		1	04/26/23 15:24	04/27/23 01:09	321-60-8	
p-Terphenyl-d14 (S)	89	%	19-136		1	04/26/23 15:24	04/27/23 01:09	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.4	%	0.10	0.10	1		05/03/23 17:21		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Sample: DUP-1 (0-2) **Lab ID: 50343062019** Collected: 04/24/23 00:00 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5500	ug/kg	1150	195	1	05/04/23 10:30	05/05/23 12:24	7440-38-2	
Barium	100000	ug/kg	1150	214	1	05/04/23 10:30	05/05/23 12:24	7440-39-3	
Chromium	15400	ug/kg	1150	192	1	05/04/23 10:30	05/05/23 12:24	7440-47-3	
Copper	43300	ug/kg	1150	330	1	05/04/23 10:30	05/05/23 12:24	7440-50-8	
Lead	118000	ug/kg	1150	457	1	05/04/23 10:30	05/05/23 12:24	7439-92-1	
Zinc	151000	ug/kg	1150	647	1	05/04/23 10:30	05/05/23 12:24	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1740	ug/kg	57.7	26.2	1	04/26/23 10:43	05/02/23 23:08	7440-43-9	
Selenium	3340	ug/kg	577	163	5	04/26/23 10:43	05/02/23 20:49	7782-49-2	
Silver	ND	ug/kg	57.7	2.6	1	04/26/23 10:43	05/02/23 23:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	232	22.1	1	05/03/23 09:47	05/03/23 17:12	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	39.0	ug/kg	28.4	11.4	5	04/26/23 15:24	04/27/23 01:24	83-32-9	
Acenaphthylene	32.5	ug/kg	28.4	10.7	5	04/26/23 15:24	04/27/23 01:24	208-96-8	
Anthracene	148	ug/kg	28.4	14.2	5	04/26/23 15:24	04/27/23 01:24	120-12-7	
Benzo(a)anthracene	526	ug/kg	28.4	8.1	5	04/26/23 15:24	04/27/23 01:24	56-55-3	
Benzo(a)pyrene	509	ug/kg	28.4	16.9	5	04/26/23 15:24	04/27/23 01:24	50-32-8	
Benzo(b)fluoranthene	704	ug/kg	28.4	15.6	5	04/26/23 15:24	04/27/23 01:24	205-99-2	
Benzo(g,h,i)perylene	320	ug/kg	28.4	16.8	5	04/26/23 15:24	04/27/23 01:24	191-24-2	
Benzo(k)fluoranthene	241	ug/kg	28.4	13.1	5	04/26/23 15:24	04/27/23 01:24	207-08-9	
Chrysene	555	ug/kg	28.4	19.5	5	04/26/23 15:24	04/27/23 01:24	218-01-9	
Dibenz(a,h)anthracene	104	ug/kg	28.4	14.0	5	04/26/23 15:24	04/27/23 01:24	53-70-3	
Fluoranthene	995	ug/kg	28.4	19.8	5	04/26/23 15:24	04/27/23 01:24	206-44-0	
Fluorene	43.6	ug/kg	28.4	11.2	5	04/26/23 15:24	04/27/23 01:24	86-73-7	
Indeno(1,2,3-cd)pyrene	305	ug/kg	28.4	14.5	5	04/26/23 15:24	04/27/23 01:24	193-39-5	
2-Methylnaphthalene	48.6	ug/kg	28.4	26.7	5	04/26/23 15:24	04/27/23 01:24	91-57-6	
Naphthalene	39.8	ug/kg	28.4	26.1	5	04/26/23 15:24	04/27/23 01:24	91-20-3	ED
Phenanthrene	539	ug/kg	28.4	20.4	5	04/26/23 15:24	04/27/23 01:24	85-01-8	
Pyrene	994	ug/kg	28.4	19.5	5	04/26/23 15:24	04/27/23 01:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	88	%	23-115		5	04/26/23 15:24	04/27/23 01:24	321-60-8	
p-Terphenyl-d14 (S)	107	%	19-136		5	04/26/23 15:24	04/27/23 01:24	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.8	%	0.10	0.10	1		05/03/23 17:21		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Sample: DUP-2 (0-2) **Lab ID: 50343062020** Collected: 04/24/23 00:00 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3900	ug/kg	1050	179	1	05/04/23 10:30	05/05/23 12:26	7440-38-2	
Barium	28300	ug/kg	1050	196	1	05/04/23 10:30	05/05/23 12:26	7440-39-3	
Chromium	7340	ug/kg	1050	176	1	05/04/23 10:30	05/05/23 12:26	7440-47-3	
Copper	7370	ug/kg	1050	302	1	05/04/23 10:30	05/05/23 12:26	7440-50-8	
Lead	9460	ug/kg	1050	419	1	05/04/23 10:30	05/05/23 12:26	7439-92-1	
Zinc	24600	ug/kg	1050	593	1	05/04/23 10:30	05/05/23 12:26	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	113	ug/kg	53.2	24.2	1	04/26/23 10:43	05/02/23 23:12	7440-43-9	
Selenium	2480	ug/kg	532	150	5	04/26/23 10:43	05/02/23 20:53	7782-49-2	
Silver	ND	ug/kg	53.2	2.4	1	04/26/23 10:43	05/02/23 23:12	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	223	21.2	1	05/03/23 09:47	05/03/23 17:14	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	43.2	ug/kg	25.8	10.4	5	04/26/23 15:24	04/27/23 01:38	83-32-9	
Acenaphthylene	ND	ug/kg	25.8	9.7	5	04/26/23 15:24	04/27/23 01:38	208-96-8	
Anthracene	116	ug/kg	25.8	12.9	5	04/26/23 15:24	04/27/23 01:38	120-12-7	
Benzo(a)anthracene	320	ug/kg	25.8	7.3	5	04/26/23 15:24	04/27/23 01:38	56-55-3	
Benzo(a)pyrene	335	ug/kg	25.8	15.3	5	04/26/23 15:24	04/27/23 01:38	50-32-8	
Benzo(b)fluoranthene	465	ug/kg	25.8	14.2	5	04/26/23 15:24	04/27/23 01:38	205-99-2	
Benzo(g,h,i)perylene	213	ug/kg	25.8	15.3	5	04/26/23 15:24	04/27/23 01:38	191-24-2	
Benzo(k)fluoranthene	163	ug/kg	25.8	11.9	5	04/26/23 15:24	04/27/23 01:38	207-08-9	
Chrysene	364	ug/kg	25.8	17.7	5	04/26/23 15:24	04/27/23 01:38	218-01-9	
Dibenz(a,h)anthracene	46.6	ug/kg	25.8	12.7	5	04/26/23 15:24	04/27/23 01:38	53-70-3	
Fluoranthene	735	ug/kg	25.8	17.9	5	04/26/23 15:24	04/27/23 01:38	206-44-0	
Fluorene	43.3	ug/kg	25.8	10.2	5	04/26/23 15:24	04/27/23 01:38	86-73-7	
Indeno(1,2,3-cd)pyrene	211	ug/kg	25.8	13.1	5	04/26/23 15:24	04/27/23 01:38	193-39-5	
2-Methylnaphthalene	ND	ug/kg	25.8	24.2	5	04/26/23 15:24	04/27/23 01:38	91-57-6	
Naphthalene	ND	ug/kg	25.8	23.7	5	04/26/23 15:24	04/27/23 01:38	91-20-3	ED
Phenanthrene	459	ug/kg	25.8	18.5	5	04/26/23 15:24	04/27/23 01:38	85-01-8	
Pyrene	639	ug/kg	25.8	17.7	5	04/26/23 15:24	04/27/23 01:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		5	04/26/23 15:24	04/27/23 01:38	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		5	04/26/23 15:24	04/27/23 01:38	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.4	%	0.10	0.10	1		05/03/23 17:21		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

QC Batch:	730466	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008

METHOD BLANK: 3352499 Matrix: Solid
Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/01/23 19:25	

LABORATORY CONTROL SAMPLE: 3352500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	543	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352501 3352502

Parameter	Units	50343062002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	416	579	581	1020	997	104	100	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

QC Batch: 730471

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

METHOD BLANK: 3352518

Matrix: Solid

Associated Lab Samples: 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/03/23 16:37	

LABORATORY CONTROL SAMPLE: 3352519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	520	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352520 3352521

Parameter	Units	50343066002		3352521		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Mercury	ug/kg	0.050J mg/kg	617	552	752	640	114	107	75-125	16	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

QC Batch: 729830 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

METHOD BLANK: 3349472 Matrix: Solid

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	05/05/23 11:19	
Barium	ug/kg	ND	1000	186	05/05/23 11:19	
Chromium	ug/kg	ND	1000	167	05/05/23 11:19	
Copper	ug/kg	ND	1000	287	05/05/23 11:19	
Lead	ug/kg	ND	1000	398	05/05/23 11:19	
Zinc	ug/kg	ND	1000	563	05/05/23 11:19	

LABORATORY CONTROL SAMPLE: 3349473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	48900	98	80-120	
Barium	ug/kg	50000	49100	98	80-120	
Chromium	ug/kg	50000	49400	99	80-120	
Copper	ug/kg	50000	48000	96	80-120	
Lead	ug/kg	50000	45500	91	80-120	
Zinc	ug/kg	50000	46400	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349474 3349475

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50343062001 Result	Spike Conc.	Spike Conc.	Result							Result
Arsenic	ug/kg	5630	49000	49900	50400	53300	91	95	75-125	6	20	
Barium	ug/kg	117000	49000	49900	116000	81300	-2	-72	75-125	36	20	M3,R1
Chromium	ug/kg	79900	49000	49900	61600	54600	-37	-51	75-125	12	20	M3
Copper	ug/kg	65500	49000	49900	69600	62400	8	-6	75-125	11	20	M3
Lead	ug/kg	65000	49000	49900	80700	58100	32	-14	75-125	33	20	M3,R1
Zinc	ug/kg	94600	49000	49900	109000	75800	29	-38	75-125	36	20	M3,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

QC Batch:	729872	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

METHOD BLANK: 3349607 Matrix: Solid

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.7	05/02/23 18:34	
Selenium	ug/kg	ND	100	28.2	05/02/23 18:34	
Silver	ug/kg	ND	50.0	2.2	05/02/23 18:34	

LABORATORY CONTROL SAMPLE: 3349608

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3990	100	80-120	
Selenium	ug/kg	4000	3880	97	80-120	
Silver	ug/kg	4000	4070	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349609 3349610

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343062001 Result	Spike Conc.	Spike Conc.	Result						
Cadmium	ug/kg	593	4440	4500	4940	98	97	75-125	0	20	
Selenium	ug/kg	3590	4440	4500	7830	95	84	75-125	6	20	
Silver	ug/kg	65.0	4440	4500	4250	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

QC Batch: 730030 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

METHOD BLANK: 3350289 Matrix: Solid

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015, 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	04/26/23 20:06	
Acenaphthene	ug/kg	ND	5.0	2.0	04/26/23 20:06	
Acenaphthylene	ug/kg	ND	5.0	1.9	04/26/23 20:06	
Anthracene	ug/kg	ND	5.0	2.5	04/26/23 20:06	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	04/26/23 20:06	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	04/26/23 20:06	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	04/26/23 20:06	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	04/26/23 20:06	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	04/26/23 20:06	
Chrysene	ug/kg	ND	5.0	3.4	04/26/23 20:06	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	04/26/23 20:06	
Fluoranthene	ug/kg	ND	5.0	3.5	04/26/23 20:06	
Fluorene	ug/kg	ND	5.0	2.0	04/26/23 20:06	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	04/26/23 20:06	
Naphthalene	ug/kg	ND	5.0	4.6	04/26/23 20:06	
Phenanthrene	ug/kg	ND	5.0	3.6	04/26/23 20:06	
Pyrene	ug/kg	ND	5.0	3.4	04/26/23 20:06	
2-Fluorobiphenyl (S)	%	84	23-115		04/26/23 20:06	
p-Terphenyl-d14 (S)	%	106	19-136		04/26/23 20:06	

LABORATORY CONTROL SAMPLE: 3350290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	536	80	45-127	
Acenaphthene	ug/kg	668	506	76	59-107	
Acenaphthylene	ug/kg	667	530	80	55-103	
Anthracene	ug/kg	667	564	85	65-107	
Benzo(a)anthracene	ug/kg	667	531	80	68-123	
Benzo(a)pyrene	ug/kg	668	535	80	66-119	
Benzo(b)fluoranthene	ug/kg	667	533	80	69-133	
Benzo(g,h,i)perylene	ug/kg	667	536	80	61-122	
Benzo(k)fluoranthene	ug/kg	667	527	79	66-132	
Chrysene	ug/kg	669	547	82	73-130	
Dibenz(a,h)anthracene	ug/kg	667	549	82	62-122	
Fluoranthene	ug/kg	668	564	84	70-124	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

LABORATORY CONTROL SAMPLE: 3350290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	545	82	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	557	84	65-127	
Naphthalene	ug/kg	667	492	74	52-103	
Phenanthrene	ug/kg	667	540	81	65-117	
Pyrene	ug/kg	668	571	85	65-129	
2-Fluorobiphenyl (S)	%			71	23-115	
p-Terphenyl-d14 (S)	%			91	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350291 3350292

Parameter	Units	3350291		3350292		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50343062001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
2-Methylnaphthalene	ug/kg	45.2	766	741	725	89	86	16-139	6	20		
Acenaphthene	ug/kg	61.9	768	743	783	94	83	26-123	15	20		
Acenaphthylene	ug/kg	51.3	767	742	752	91	87	16-125	7	20		
Anthracene	ug/kg	246	767	742	1230	128	85	13-133	33	20	R1	
Benzo(a)anthracene	ug/kg	793	767	742	2040	162	70	10-148	43	20	M1,R1	
Benzo(a)pyrene	ug/kg	830	768	743	1980	150	79	10-133	33	20	M1,R1	
Benzo(b)fluoranthene	ug/kg	1070	767	742	2490	185	89	10-155	36	20	M1,R1	
Benzo(g,h,i)perylene	ug/kg	566	767	742	1500	122	88	10-129	21	20	R1	
Benzo(k)fluoranthene	ug/kg	391	767	742	1180	943	103	74	12-142	22	20	R1
Chrysene	ug/kg	799	770	744	2010	1390	158	80	14-148	36	20	M1,R1
Dibenz(a,h)anthracene	ug/kg	157	767	742	873	798	93	86	10-131	9	20	
Fluoranthene	ug/kg	1800	768	743	4050	2290	293	66	10-154	56	20	M1,R1
Fluorene	ug/kg	59.4	767	742	830	804	101	100	26-134	3	20	
Indeno(1,2,3-cd)pyrene	ug/kg	524	767	742	1460	1200	122	91	10-136	20	20	
Naphthalene	ug/kg	46.6	767	742	721	631	88	79	20-119	13	20	ED
Phenanthrene	ug/kg	839	767	742	2590	1430	229	80	12-150	58	20	M1,R1
Pyrene	ug/kg	1560	768	744	3490	2110	252	74	17-152	49	20	M1,R1
2-Fluorobiphenyl (S)	%					78	81	23-115				
p-Terphenyl-d14 (S)	%					92	101	19-136				

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

QC Batch:	731449	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062001, 50343062002, 50343062003, 50343062004, 50343062005, 50343062006, 50343062007, 50343062008, 50343062009, 50343062010, 50343062011, 50343062012, 50343062013, 50343062014, 50343062015

SAMPLE DUPLICATE: 3356570

Parameter	Units	50343058013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	14.0	7	5	N2,R1

SAMPLE DUPLICATE: 3356571

Parameter	Units	50343058014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.0	9.9	9	5	N2,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

QC Batch: 731452

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343062016, 50343062017, 50343062018, 50343062019, 50343062020

SAMPLE DUPLICATE: 3356590

Parameter	Units	50343062016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.9	10.7	11	5	N2,R1

SAMPLE DUPLICATE: 3356591

Parameter	Units	50343062017 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.3	15.2	1	5	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343062001	SB-1 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062002	SB-2 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062003	SB-3 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062004	SB-4 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062005	SB-5 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062006	SB-6 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062007	SB-7 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062008	SB-8 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062009	SB-9 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062010	SB-10 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062011	SB-11 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062012	SB-12 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062013	SB-13 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062014	SB-14 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062015	SB-15 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062016	SB-16 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062017	SB-17 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062018	SB-18 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062019	DUP-1 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062020	DUP-2 (0-2)	EPA 3050	729830	EPA 6010	731888
50343062001	SB-1 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062002	SB-2 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062003	SB-3 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062004	SB-4 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062005	SB-5 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062006	SB-6 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062007	SB-7 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062008	SB-8 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062009	SB-9 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062010	SB-10 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062011	SB-11 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062012	SB-12 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062013	SB-13 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062014	SB-14 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062015	SB-15 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062016	SB-16 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062017	SB-17 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062018	SB-18 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062019	DUP-1 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062020	DUP-2 (0-2)	EPA 3050B	729872	EPA 6020	730057
50343062001	SB-1 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062002	SB-2 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062003	SB-3 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062004	SB-4 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062005	SB-5 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062006	SB-6 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062007	SB-7 (0-2)	EPA 7471	730466	EPA 7471	730904
50343062008	SB-8 (0-2)	EPA 7471	730466	EPA 7471	730904

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343062

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343062009	SB-9 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062010	SB-10 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062011	SB-11 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062012	SB-12 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062013	SB-13 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062014	SB-14 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062015	SB-15 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062016	SB-16 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062017	SB-17 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062018	SB-18 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062019	DUP-1 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062020	DUP-2 (0-2)	EPA 7471	730471	EPA 7471	731422
50343062001	SB-1 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062002	SB-2 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062003	SB-3 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062004	SB-4 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062005	SB-5 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062006	SB-6 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062007	SB-7 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062008	SB-8 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062009	SB-9 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062010	SB-10 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062011	SB-11 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062012	SB-12 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062013	SB-13 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062014	SB-14 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062015	SB-15 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062016	SB-16 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062017	SB-17 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062018	SB-18 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062019	DUP-1 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062020	DUP-2 (0-2)	EPA 3546	730030	EPA 8270 by SIM	730116
50343062001	SB-1 (0-2)	SM 2540G	731449		
50343062002	SB-2 (0-2)	SM 2540G	731449		
50343062003	SB-3 (0-2)	SM 2540G	731449		
50343062004	SB-4 (0-2)	SM 2540G	731449		
50343062005	SB-5 (0-2)	SM 2540G	731449		
50343062006	SB-6 (0-2)	SM 2540G	731449		
50343062007	SB-7 (0-2)	SM 2540G	731449		
50343062008	SB-8 (0-2)	SM 2540G	731449		
50343062009	SB-9 (0-2)	SM 2540G	731449		
50343062010	SB-10 (0-2)	SM 2540G	731449		
50343062011	SB-11 (0-2)	SM 2540G	731449		
50343062012	SB-12 (0-2)	SM 2540G	731449		
50343062013	SB-13 (0-2)	SM 2540G	731449		
50343062014	SB-14 (0-2)	SM 2540G	731449		
50343062015	SB-15 (0-2)	SM 2540G	731449		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343062

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343062016	SB-16 (0-2)	SM 2540G	731452		
50343062017	SB-17 (0-2)	SM 2540G	731452		
50343062018	SB-18 (0-2)	SM 2540G	731452		
50343062019	DUP-1 (0-2)	SM 2540G	731452		
50343062020	DUP-2 (0-2)	SM 2540G	731452		

REPORT OF LABORATORY ANALYSIS

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Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Analysis / Container / Preservative									

Chain of Custody Page 1 of 2



Report to:
Joshua Schuyler

Email To:
joshua.schuyler@atcgroup.com

WO# : 50343062



Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
 PT MT CT ET

Phone: **248-669-5140**

Client Project #
100BS2324A

Lab Project #

Collected by (print):
Madeilyn Haas

Site/Facility ID #
DDD-100 Lenox

P.O. #
2324A

Collected by (signature):
M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
00135280

Immediately Packed on Ice N Y

Date Results Needed
10 DAY TAT

PAH | MI ID METALS
 MI ID METALS 6010/7471

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-1 (0-2)	GRAB	SS		4/24/23	1142	1
SB-2 (0-2)		SS		4/24/23	1150	1
SB-3 (0-2)		SS		4/24/23	1155	1
SB-4 (0-2)		SS		4/24/23	1205	1
SB-5 (0-2)		SS		4/24/23	1230	1
SB-6 (0-2)		SS		4/24/23	1240	1
SB-7 (0-2)		SS		4/24/23	1250	1
SB-8 (0-2)		SS		4/24/23	1254	1
SB-9 (0-2)		SS		4/24/23	1257	1
SB-10 (0-2)		SS		4/24/23	1304	1

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: *Brian Hall*
 PM: ~~341~~ *John Hawkins*
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP Y N
COC Signed/Accurate:	Y N
Bottles arrive intact:	Y N
Correct bottles used:	Y N
Sufficient volume sent:	Y N
If Applicable	
VOA Zero Headspace:	Y N
Preservation Correct/Checked:	Y N
RAD Screen <0.5 mR/hr:	Y N

Samples returned via:
 UPS FedEx Courier

Relinquished by: (Signature)
M Haas

Date: *4/24/23* Time: *1700*

Received by: (Signature)
FDEX

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
FDEX

Date: *4/25/23* Time: *0900*

Received by: (Signature)
John Hawkins

Temp: *0.7* °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition: NCF / OK

Company Name/Address:

ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pac-standards-terms.pdf>

Report to: Joshua Schuyler

Email To: joshua.schuyler@conecta.com

Project Description:

City/State

Collected: Detroit, MI

Please Circle:

PT MT CT ET

Phone: 248-669-5140

Client Project #

188BS23244

Lab Project #

Collected by (print): Madelyn Haas

Site/Facility ID #

DDD - 100 Lennox

P.O. #

23244

Collected by (signature): M Haas

Rush? (Lab MUST Be Notified)

Same Day ___ Five Day ___
Next Day ___ 5 Day (Rad Only) ___
Two Day 10 Day (Rad Only) ___
Three Day ___

Quote #

00135280

Date Results Needed

10 Day TAT

Immediately

Packed on Ice N ___ Y

No. of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts													
SB-11 (0-2)	GIRAB	SS		4/24/23	1312	1	X	X											011
SB-12 (0-2)					1317														012
SB-13 (0-2)					1324														013
SB-14 (0-2)					1335														014
SB-15 (0-2)					1345														015
SB-16 (0-2)					1401														016
SB-17 (0-2)					1417														017
SB-18 (0-2)					1424														018
DUP-1 (0-2)					0000														019
DUP-2 (0-2)					0000														020

PATH 8270 (MI TOL) 2330
MI 10 METALS 4010/7471

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Sample Receipt Checklist	
COC Seal Present/Intact:	NP ___ Y ___ N ___
COC Signed/Accurate:	___ Y ___ N ___
Bottles arrive intact:	___ Y ___ N ___
Correct bottles used:	___ Y ___ N ___
Sufficient volume sent:	___ Y ___ N ___
If Applicable	
VOA Zero Headspace:	___ Y ___ N ___
Preservation Correct/Checked:	___ Y ___ N ___
RAD Screen <0.5 mR/hr:	___ Y ___ N ___
SEE SUR	

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking #

Relinquished by: (Signature)

M Haas

Date:

4/24/23

Time:

1700

Received by: (Signature)

FDSK

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

FDSK

Date:

4/25/23

Time:

0900

Received by: (Signature)

[Signature] 4/25/23 0900

Temp: °C Bottles Received:

0.7

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MTZ 4/25/23 1530

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 **A** B C D E F

4. Cooler Temperature(s): 09/0.7
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
		<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	No VOA Vials Sent
Containers Intact?:	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?		<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:		<input checked="" type="checkbox"/>	

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI	VIALS				AMBER GLASS						PLASTIC								OTHER			Matrix										
			DG9H	VG9H	VDA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	CG3F	Syringe Kit	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc		
	R																																	
1																																	SL	
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass				Plastic				Miscellaneous			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic	Miscellaneous			
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic				
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic	Syringe Kit	LL Cr+6 sampling kit		
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	ZPLC	Ziploc Bag	R	Terracore Kit		
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	SP5T	120mL Coliform Sodium Thiosulfate	GN	General Container		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	U	Summa Can (air sample)	WT	Water		
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	WP	Wipe	OL	Oil		
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	NAL	Non-aqueous liquid				
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic						
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac						
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic						
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic						
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered						
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass-field filtered	BP3U	250mL unpreserved plastic						
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic						
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic						

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI	VIALS							AMBER GLASS							PLASTIC							OTHER			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black		
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F						Syringe Kit	
			R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H						CG3F	Syringe Kit
1	L																											SL					
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10	A																																
11																																	
12																																	

Container Codes

Glass			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass

Plastic	
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
Miscellaneous	
Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

May 09, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343165001	SB-19 (0-2)	Solid	04/25/23 09:44	04/26/23 09:05
50343165002	SB-20 (0-2)	Solid	04/25/23 09:10	04/26/23 09:05
50343165003	SB-21 (0-2)	Solid	04/25/23 09:13	04/26/23 09:05
50343165004	SB-22 (0-2)	Solid	04/25/23 09:20	04/26/23 09:05
50343165005	SB-23 (0-2)	Solid	04/25/23 09:25	04/26/23 09:05
50343165006	SB-24 (0-2)	Solid	04/25/23 09:31	04/26/23 09:05
50343165007	SB-25 (0-2)	Solid	04/25/23 09:48	04/26/23 09:05
50343165008	SB-26 (0-2)	Solid	04/25/23 09:54	04/26/23 09:05
50343165009	SB-27 (0-2)	Solid	04/25/23 10:00	04/26/23 09:05
50343165010	SB-28 (0-2)	Solid	04/25/23 10:05	04/26/23 09:05
50343165011	SB-29 (0-2)	Solid	04/25/23 10:12	04/26/23 09:05
50343165012	SB-30 (0-2)	Solid	04/25/23 10:25	04/26/23 09:05
50343165013	SB-31 (0-2)	Solid	04/25/23 10:33	04/26/23 09:05
50343165014	SB-32 (0-2)	Solid	04/25/23 11:25	04/26/23 09:05
50343165015	SB-33 (0-2)	Solid	04/25/23 11:27	04/26/23 09:05
50343165016	SB-34 (0-2)	Solid	04/25/23 11:40	04/26/23 09:05
50343165017	SB-35 (0-2)	Solid	04/25/23 11:43	04/26/23 09:05
50343165018	SB-36 (0-2)	Solid	04/25/23 11:45	04/26/23 09:05
50343165019	SB-37 (0-2)	Solid	04/25/23 11:47	04/26/23 09:05
50343165020	SB-38 (0-2)	Solid	04/25/23 11:53	04/26/23 09:05
50343165021	SB-39 (0-2)	Solid	04/25/23 12:02	04/26/23 09:05
50343165022	SB-40 (0-2)	Solid	04/25/23 12:10	04/26/23 09:05
50343165023	SB-41 (0-2)	Solid	04/25/23 12:16	04/26/23 09:05
50343165024	SB-42 (0-2)	Solid	04/25/23 12:21	04/26/23 09:05
50343165025	SB-43 (0-2)	Solid	04/25/23 12:25	04/26/23 09:05
50343165026	SB-44 (0-2)	Solid	04/25/23 12:33	04/26/23 09:05
50343165027	SB-45 (0-2)	Solid	04/25/23 13:30	04/26/23 09:05
50343165028	SB-46 (0-2)	Solid	04/25/23 13:34	04/26/23 09:05
50343165029	SB-47 (0-2)	Solid	04/25/23 13:40	04/26/23 09:05
50343165030	SB-48 (0-2)	Solid	04/25/23 13:45	04/26/23 09:05
50343165031	DUP-3 (0-2)	Solid	04/25/23 00:00	04/26/23 09:05
50343165032	DUP-4 (0-2)	Solid	04/25/23 00:00	04/26/23 09:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343165001	SB-19 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165002	SB-20 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165003	SB-21 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165004	SB-22 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165005	SB-23 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165006	SB-24 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165007	SB-25 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165008	SB-26 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343165009	SB-27 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343165010	SB-28 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165011	SB-29 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165012	SB-30 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
50343165013	SB-31 (0-2)	EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50343165014	SB-32 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343165015	SB-33 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343165016	SB-34 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165017	SB-35 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165018	SB-36 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165019	SB-37 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165020	SB-38 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165021	SB-39 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165022	SB-40 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165023	SB-41 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343165024	SB-42 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343165025	SB-43 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343165026	SB-44 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
50343165027	SB-45 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343165028	SB-46 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
50343165029	SB-47 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343165030	SB-48 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343165031	DUP-3 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343165032	DUP-4 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-19 (0-2) **Lab ID: 50343165001** Collected: 04/25/23 09:44 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	2950	ug/kg	1010	172	1	05/03/23 10:40	05/04/23 11:06	7440-38-2	
Barium	24100	ug/kg	1010	188	1	05/03/23 10:40	05/04/23 11:06	7440-39-3	
Chromium	7530	ug/kg	1010	169	1	05/03/23 10:40	05/04/23 11:06	7440-47-3	
Copper	6830	ug/kg	1010	291	1	05/03/23 10:40	05/04/23 11:06	7440-50-8	
Lead	11100	ug/kg	1010	403	1	05/03/23 10:40	05/04/23 11:06	7439-92-1	
Zinc	52100	ug/kg	1010	570	1	05/03/23 10:40	05/04/23 11:06	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	263	ug/kg	59.1	25.9	1	05/03/23 12:15	05/04/23 06:29	7440-43-9	
Selenium	ND	ug/kg	591	138	5	05/03/23 12:15	05/04/23 09:30	7782-49-2	D3
Silver	ND	ug/kg	59.1	2.0	1	05/03/23 12:15	05/04/23 06:29	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	246	23.4	1	05/01/23 12:00	05/01/23 21:27	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	8.6	ug/kg	5.9	2.4	1	04/26/23 16:24	04/27/23 11:05	83-32-9	
Acenaphthylene	6.7	ug/kg	5.9	2.2	1	04/26/23 16:24	04/27/23 11:05	208-96-8	
Anthracene	26.2	ug/kg	5.9	2.9	1	04/26/23 16:24	04/27/23 11:05	120-12-7	
Benzo(a)anthracene	137	ug/kg	5.9	1.7	1	04/26/23 16:24	04/27/23 11:05	56-55-3	
Benzo(a)pyrene	146	ug/kg	5.9	3.5	1	04/26/23 16:24	04/27/23 11:05	50-32-8	
Benzo(b)fluoranthene	193	ug/kg	5.9	3.2	1	04/26/23 16:24	04/27/23 11:05	205-99-2	
Benzo(g,h,i)perylene	98.9	ug/kg	5.9	3.5	1	04/26/23 16:24	04/27/23 11:05	191-24-2	
Benzo(k)fluoranthene	66.6	ug/kg	5.9	2.7	1	04/26/23 16:24	04/27/23 11:05	207-08-9	
Chrysene	132	ug/kg	5.9	4.0	1	04/26/23 16:24	04/27/23 11:05	218-01-9	
Dibenz(a,h)anthracene	26.4	ug/kg	5.9	2.9	1	04/26/23 16:24	04/27/23 11:05	53-70-3	
Fluoranthene	254	ug/kg	5.9	4.1	1	04/26/23 16:24	04/27/23 11:05	206-44-0	
Fluorene	6.7	ug/kg	5.9	2.3	1	04/26/23 16:24	04/27/23 11:05	86-73-7	
Indeno(1,2,3-cd)pyrene	87.1	ug/kg	5.9	3.0	1	04/26/23 16:24	04/27/23 11:05	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.9	5.5	1	04/26/23 16:24	04/27/23 11:05	91-57-6	
Naphthalene	ND	ug/kg	5.9	5.4	1	04/26/23 16:24	04/27/23 11:05	91-20-3	
Phenanthrene	103	ug/kg	5.9	4.2	1	04/26/23 16:24	04/27/23 11:05	85-01-8	
Pyrene	209	ug/kg	5.9	4.0	1	04/26/23 16:24	04/27/23 11:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	23-115		1	04/26/23 16:24	04/27/23 11:05	321-60-8	
p-Terphenyl-d14 (S)	66	%	19-136		1	04/26/23 16:24	04/27/23 11:05	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.8	%	0.10	0.10	1		05/03/23 17:26		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-20 (0-2) Lab ID: 50343165002 Collected: 04/25/23 09:10 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	2730	ug/kg	1070	182	1	05/03/23 10:40	05/04/23 11:09	7440-38-2	
Barium	19700	ug/kg	1070	199	1	05/03/23 10:40	05/04/23 11:09	7440-39-3	
Chromium	8130	ug/kg	1070	179	1	05/03/23 10:40	05/04/23 11:09	7440-47-3	
Copper	7350	ug/kg	1070	307	1	05/03/23 10:40	05/04/23 11:09	7440-50-8	
Lead	11400	ug/kg	1070	426	1	05/03/23 10:40	05/04/23 11:09	7439-92-1	
Zinc	31100	ug/kg	1070	603	1	05/03/23 10:40	05/04/23 11:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	215	ug/kg	54.3	23.8	1	05/03/23 12:15	05/04/23 06:53	7440-43-9	
Selenium	ND	ug/kg	543	126	5	05/03/23 12:15	05/04/23 09:55	7782-49-2	D3
Silver	ND	ug/kg	54.3	1.8	1	05/03/23 12:15	05/04/23 06:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	217	20.6	1	05/01/23 12:00	05/01/23 21:36	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	26.0	ug/kg	5.2	2.1	1	04/26/23 16:24	04/27/23 11:18	83-32-9	
Acenaphthylene	10.2	ug/kg	5.2	2.0	1	04/26/23 16:24	04/27/23 11:18	208-96-8	
Anthracene	68.1	ug/kg	5.2	2.6	1	04/26/23 16:24	04/27/23 11:18	120-12-7	
Benzo(a)anthracene	285	ug/kg	5.2	1.5	1	04/26/23 16:24	04/27/23 11:18	56-55-3	
Benzo(a)pyrene	283	ug/kg	5.2	3.1	1	04/26/23 16:24	04/27/23 11:18	50-32-8	
Benzo(b)fluoranthene	375	ug/kg	5.2	2.9	1	04/26/23 16:24	04/27/23 11:18	205-99-2	
Benzo(g,h,i)perylene	178	ug/kg	5.2	3.1	1	04/26/23 16:24	04/27/23 11:18	191-24-2	
Benzo(k)fluoranthene	130	ug/kg	5.2	2.4	1	04/26/23 16:24	04/27/23 11:18	207-08-9	
Chrysene	266	ug/kg	5.2	3.6	1	04/26/23 16:24	04/27/23 11:18	218-01-9	
Dibenz(a,h)anthracene	48.4	ug/kg	5.2	2.6	1	04/26/23 16:24	04/27/23 11:18	53-70-3	
Fluoranthene	567	ug/kg	5.2	3.6	1	04/26/23 16:24	04/27/23 11:18	206-44-0	
Fluorene	23.9	ug/kg	5.2	2.1	1	04/26/23 16:24	04/27/23 11:18	86-73-7	
Indeno(1,2,3-cd)pyrene	159	ug/kg	5.2	2.7	1	04/26/23 16:24	04/27/23 11:18	193-39-5	
2-Methylnaphthalene	7.8	ug/kg	5.2	4.9	1	04/26/23 16:24	04/27/23 11:18	91-57-6	
Naphthalene	13.1	ug/kg	5.2	4.8	1	04/26/23 16:24	04/27/23 11:18	91-20-3	
Phenanthrene	274	ug/kg	5.2	3.8	1	04/26/23 16:24	04/27/23 11:18	85-01-8	
Pyrene	443	ug/kg	5.2	3.6	1	04/26/23 16:24	04/27/23 11:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/26/23 16:24	04/27/23 11:18	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	04/26/23 16:24	04/27/23 11:18	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.9	%	0.10	0.10	1		05/03/23 17:27		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-21 (0-2) **Lab ID: 50343165003** Collected: 04/25/23 09:13 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3110	ug/kg	1050	178	1	05/03/23 10:40	05/04/23 11:11	7440-38-2	
Barium	22400	ug/kg	1050	194	1	05/03/23 10:40	05/04/23 11:11	7440-39-3	
Chromium	6980	ug/kg	1050	175	1	05/03/23 10:40	05/04/23 11:11	7440-47-3	
Copper	7560	ug/kg	1050	300	1	05/03/23 10:40	05/04/23 11:11	7440-50-8	
Lead	11900	ug/kg	1050	416	1	05/03/23 10:40	05/04/23 11:11	7439-92-1	
Zinc	26900	ug/kg	1050	589	1	05/03/23 10:40	05/04/23 11:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	135	ug/kg	54.3	23.8	1	05/03/23 12:15	05/04/23 06:56	7440-43-9	
Selenium	ND	ug/kg	543	127	5	05/03/23 12:15	05/04/23 09:58	7782-49-2	D3
Silver	ND	ug/kg	54.3	1.8	1	05/03/23 12:15	05/04/23 06:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	219	20.8	1	05/01/23 12:00	05/01/23 21:39	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	8.8	ug/kg	5.3	2.1	1	04/26/23 16:24	04/27/23 11:32	83-32-9	
Acenaphthylene	ND	ug/kg	5.3	2.0	1	04/26/23 16:24	04/27/23 11:32	208-96-8	
Anthracene	23.6	ug/kg	5.3	2.7	1	04/26/23 16:24	04/27/23 11:32	120-12-7	
Benzo(a)anthracene	101	ug/kg	5.3	1.5	1	04/26/23 16:24	04/27/23 11:32	56-55-3	
Benzo(a)pyrene	97.9	ug/kg	5.3	3.2	1	04/26/23 16:24	04/27/23 11:32	50-32-8	
Benzo(b)fluoranthene	144	ug/kg	5.3	2.9	1	04/26/23 16:24	04/27/23 11:32	205-99-2	
Benzo(g,h,i)perylene	61.8	ug/kg	5.3	3.2	1	04/26/23 16:24	04/27/23 11:32	191-24-2	
Benzo(k)fluoranthene	46.7	ug/kg	5.3	2.5	1	04/26/23 16:24	04/27/23 11:32	207-08-9	
Chrysene	98.1	ug/kg	5.3	3.7	1	04/26/23 16:24	04/27/23 11:32	218-01-9	
Dibenz(a,h)anthracene	17.5	ug/kg	5.3	2.6	1	04/26/23 16:24	04/27/23 11:32	53-70-3	
Fluoranthene	201	ug/kg	5.3	3.7	1	04/26/23 16:24	04/27/23 11:32	206-44-0	
Fluorene	6.0	ug/kg	5.3	2.1	1	04/26/23 16:24	04/27/23 11:32	86-73-7	
Indeno(1,2,3-cd)pyrene	55.9	ug/kg	5.3	2.7	1	04/26/23 16:24	04/27/23 11:32	193-39-5	
2-Methylnaphthalene	7.1	ug/kg	5.3	5.0	1	04/26/23 16:24	04/27/23 11:32	91-57-6	
Naphthalene	8.0	ug/kg	5.3	4.9	1	04/26/23 16:24	04/27/23 11:32	91-20-3	
Phenanthrene	97.3	ug/kg	5.3	3.8	1	04/26/23 16:24	04/27/23 11:32	85-01-8	
Pyrene	159	ug/kg	5.3	3.7	1	04/26/23 16:24	04/27/23 11:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/26/23 16:24	04/27/23 11:32	321-60-8	
p-Terphenyl-d14 (S)	74	%	19-136		1	04/26/23 16:24	04/27/23 11:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.8	%	0.10	0.10	1		05/03/23 17:27		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-22 (0-2) **Lab ID: 50343165004** Collected: 04/25/23 09:20 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	4920	ug/kg	1100	187	1	05/03/23 10:40	05/04/23 11:13	7440-38-2	
Barium	60100	ug/kg	1100	204	1	05/03/23 10:40	05/04/23 11:13	7440-39-3	
Chromium	10100	ug/kg	1100	184	1	05/03/23 10:40	05/04/23 11:13	7440-47-3	
Copper	20300	ug/kg	1100	315	1	05/03/23 10:40	05/04/23 11:13	7440-50-8	
Lead	48900	ug/kg	1100	437	1	05/03/23 10:40	05/04/23 11:13	7439-92-1	
Zinc	93200	ug/kg	1100	619	1	05/03/23 10:40	05/04/23 11:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	318	ug/kg	53.3	23.4	1	05/03/23 12:15	05/04/23 07:00	7440-43-9	
Selenium	ND	ug/kg	533	124	5	05/03/23 12:15	05/04/23 10:02	7782-49-2	D3
Silver	ND	ug/kg	53.3	1.8	1	05/03/23 12:15	05/04/23 07:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	211	20.1	1	05/01/23 12:00	05/01/23 21:41	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	99.1	ug/kg	26.5	10.7	5	04/26/23 16:24	04/27/23 11:45	83-32-9	
Acenaphthylene	ND	ug/kg	26.5	10	5	04/26/23 16:24	04/27/23 11:45	208-96-8	
Anthracene	268	ug/kg	26.5	13.3	5	04/26/23 16:24	04/27/23 11:45	120-12-7	
Benzo(a)anthracene	614	ug/kg	26.5	7.5	5	04/26/23 16:24	04/27/23 11:45	56-55-3	
Benzo(a)pyrene	541	ug/kg	26.5	15.8	5	04/26/23 16:24	04/27/23 11:45	50-32-8	
Benzo(b)fluoranthene	689	ug/kg	26.5	14.6	5	04/26/23 16:24	04/27/23 11:45	205-99-2	
Benzo(g,h,i)perylene	325	ug/kg	26.5	15.7	5	04/26/23 16:24	04/27/23 11:45	191-24-2	
Benzo(k)fluoranthene	248	ug/kg	26.5	12.3	5	04/26/23 16:24	04/27/23 11:45	207-08-9	
Chrysene	592	ug/kg	26.5	18.2	5	04/26/23 16:24	04/27/23 11:45	218-01-9	
Dibenz(a,h)anthracene	90.3	ug/kg	26.5	13.0	5	04/26/23 16:24	04/27/23 11:45	53-70-3	
Fluoranthene	1380	ug/kg	26.5	18.5	5	04/26/23 16:24	04/27/23 11:45	206-44-0	
Fluorene	89.8	ug/kg	26.5	10.5	5	04/26/23 16:24	04/27/23 11:45	86-73-7	
Indeno(1,2,3-cd)pyrene	288	ug/kg	26.5	13.5	5	04/26/23 16:24	04/27/23 11:45	193-39-5	
2-Methylnaphthalene	39.7	ug/kg	26.5	24.9	5	04/26/23 16:24	04/27/23 11:45	91-57-6	
Naphthalene	40.4	ug/kg	26.5	24.4	5	04/26/23 16:24	04/27/23 11:45	91-20-3	ED
Phenanthrene	1040	ug/kg	26.5	19.1	5	04/26/23 16:24	04/27/23 11:45	85-01-8	
Pyrene	1120	ug/kg	26.5	18.2	5	04/26/23 16:24	04/27/23 11:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		5	04/26/23 16:24	04/27/23 11:45	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		5	04/26/23 16:24	04/27/23 11:45	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.9	%	0.10	0.10	1		05/03/23 17:31		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-23 (0-2) **Lab ID: 50343165005** Collected: 04/25/23 09:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6680	ug/kg	980	167	1	05/03/23 10:40	05/04/23 11:15	7440-38-2	
Barium	446000	ug/kg	980	182	1	05/03/23 10:40	05/04/23 11:15	7440-39-3	
Chromium	16100	ug/kg	980	164	1	05/03/23 10:40	05/04/23 11:15	7440-47-3	
Copper	46100	ug/kg	980	281	1	05/03/23 10:40	05/04/23 11:15	7440-50-8	
Lead	749000	ug/kg	980	390	1	05/03/23 10:40	05/04/23 11:15	7439-92-1	
Zinc	263000	ug/kg	980	552	1	05/03/23 10:40	05/04/23 11:15	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	300	ug/kg	57.0	25.0	1	05/03/23 12:15	05/04/23 07:03	7440-43-9	
Selenium	ND	ug/kg	570	133	5	05/03/23 12:15	05/04/23 10:05	7782-49-2	D3
Silver	ND	ug/kg	57.0	1.9	1	05/03/23 12:15	05/04/23 07:03	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	313	ug/kg	231	21.9	1	05/01/23 12:00	05/01/23 21:51	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	639	ug/kg	27.8	11.2	5	04/26/23 16:24	04/27/23 11:58	83-32-9	
Acenaphthylene	34.7	ug/kg	27.8	10.5	5	04/26/23 16:24	04/27/23 11:58	208-96-8	
Anthracene	1100	ug/kg	27.8	13.9	5	04/26/23 16:24	04/27/23 11:58	120-12-7	
Benzo(a)anthracene	1840	ug/kg	27.8	7.9	5	04/26/23 16:24	04/27/23 11:58	56-55-3	
Benzo(a)pyrene	1500	ug/kg	27.8	16.5	5	04/26/23 16:24	04/27/23 11:58	50-32-8	
Benzo(b)fluoranthene	1800	ug/kg	27.8	15.3	5	04/26/23 16:24	04/27/23 11:58	205-99-2	
Benzo(g,h,i)perylene	784	ug/kg	27.8	16.5	5	04/26/23 16:24	04/27/23 11:58	191-24-2	
Benzo(k)fluoranthene	694	ug/kg	27.8	12.8	5	04/26/23 16:24	04/27/23 11:58	207-08-9	
Chrysene	1580	ug/kg	27.8	19.1	5	04/26/23 16:24	04/27/23 11:58	218-01-9	
Dibenz(a,h)anthracene	229	ug/kg	27.8	13.7	5	04/26/23 16:24	04/27/23 11:58	53-70-3	
Fluoranthene	4270	ug/kg	27.8	19.4	5	04/26/23 16:24	04/27/23 11:58	206-44-0	
Fluorene	499	ug/kg	27.8	11.0	5	04/26/23 16:24	04/27/23 11:58	86-73-7	
Indeno(1,2,3-cd)pyrene	750	ug/kg	27.8	14.2	5	04/26/23 16:24	04/27/23 11:58	193-39-5	
2-Methylnaphthalene	240	ug/kg	27.8	26.1	5	04/26/23 16:24	04/27/23 11:58	91-57-6	
Naphthalene	252	ug/kg	27.8	25.6	5	04/26/23 16:24	04/27/23 11:58	91-20-3	ED
Phenanthrene	4120	ug/kg	27.8	20.0	5	04/26/23 16:24	04/27/23 11:58	85-01-8	
Pyrene	3380	ug/kg	27.8	19.1	5	04/26/23 16:24	04/27/23 11:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	23-115		5	04/26/23 16:24	04/27/23 11:58	321-60-8	
p-Terphenyl-d14 (S)	58	%	19-136		5	04/26/23 16:24	04/27/23 11:58	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/03/23 17:31		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-24 (0-2) **Lab ID: 50343165006** Collected: 04/25/23 09:31 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8870	ug/kg	1070	182	1	05/03/23 10:40	05/04/23 11:17	7440-38-2	
Barium	28600	ug/kg	1070	199	1	05/03/23 10:40	05/04/23 11:17	7440-39-3	
Chromium	8900	ug/kg	1070	179	1	05/03/23 10:40	05/04/23 11:17	7440-47-3	
Copper	8510	ug/kg	1070	307	1	05/03/23 10:40	05/04/23 11:17	7440-50-8	
Lead	16000	ug/kg	1070	426	1	05/03/23 10:40	05/04/23 11:17	7439-92-1	
Zinc	36800	ug/kg	1070	603	1	05/03/23 10:40	05/04/23 11:17	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	242	ug/kg	56.8	24.9	1	05/03/23 12:15	05/04/23 07:07	7440-43-9	
Selenium	611	ug/kg	568	132	5	05/03/23 12:15	05/04/23 10:09	7782-49-2	
Silver	ND	ug/kg	56.8	1.9	1	05/03/23 12:15	05/04/23 07:07	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	233	22.2	1	05/01/23 12:00	05/01/23 21:53	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	28.8	11.6	5	04/26/23 16:24	04/27/23 12:12	83-32-9	
Acenaphthylene	ND	ug/kg	28.8	10.8	5	04/26/23 16:24	04/27/23 12:12	208-96-8	
Anthracene	67.6	ug/kg	28.8	14.4	5	04/26/23 16:24	04/27/23 12:12	120-12-7	
Benzo(a)anthracene	293	ug/kg	28.8	8.2	5	04/26/23 16:24	04/27/23 12:12	56-55-3	
Benzo(a)pyrene	297	ug/kg	28.8	17.1	5	04/26/23 16:24	04/27/23 12:12	50-32-8	
Benzo(b)fluoranthene	395	ug/kg	28.8	15.8	5	04/26/23 16:24	04/27/23 12:12	205-99-2	
Benzo(g,h,i)perylene	190	ug/kg	28.8	17.1	5	04/26/23 16:24	04/27/23 12:12	191-24-2	
Benzo(k)fluoranthene	138	ug/kg	28.8	13.3	5	04/26/23 16:24	04/27/23 12:12	207-08-9	
Chrysene	292	ug/kg	28.8	19.8	5	04/26/23 16:24	04/27/23 12:12	218-01-9	
Dibenz(a,h)anthracene	52.2	ug/kg	28.8	14.2	5	04/26/23 16:24	04/27/23 12:12	53-70-3	
Fluoranthene	549	ug/kg	28.8	20.1	5	04/26/23 16:24	04/27/23 12:12	206-44-0	
Fluorene	ND	ug/kg	28.8	11.4	5	04/26/23 16:24	04/27/23 12:12	86-73-7	
Indeno(1,2,3-cd)pyrene	169	ug/kg	28.8	14.7	5	04/26/23 16:24	04/27/23 12:12	193-39-5	
2-Methylnaphthalene	ND	ug/kg	28.8	27.1	5	04/26/23 16:24	04/27/23 12:12	91-57-6	
Naphthalene	ND	ug/kg	28.8	26.5	5	04/26/23 16:24	04/27/23 12:12	91-20-3	ED
Phenanthrene	256	ug/kg	28.8	20.7	5	04/26/23 16:24	04/27/23 12:12	85-01-8	
Pyrene	447	ug/kg	28.8	19.8	5	04/26/23 16:24	04/27/23 12:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		5	04/26/23 16:24	04/27/23 12:12	321-60-8	
p-Terphenyl-d14 (S)	74	%	19-136		5	04/26/23 16:24	04/27/23 12:12	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.8	%	0.10	0.10	1		05/03/23 17:31		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-25 (0-2) **Lab ID: 50343165007** Collected: 04/25/23 09:48 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	4360	ug/kg	1080	184	1	05/03/23 10:40	05/04/23 11:34	7440-38-2	
Barium	42200	ug/kg	1080	201	1	05/03/23 10:40	05/04/23 11:34	7440-39-3	
Chromium	11400	ug/kg	1080	181	1	05/03/23 10:40	05/04/23 11:34	7440-47-3	
Copper	10600	ug/kg	1080	311	1	05/03/23 10:40	05/04/23 11:34	7440-50-8	
Lead	17700	ug/kg	1080	431	1	05/03/23 10:40	05/04/23 11:34	7439-92-1	
Zinc	41800	ug/kg	1080	609	1	05/03/23 10:40	05/04/23 11:34	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	532	ug/kg	56.5	24.8	1	05/03/23 12:15	05/04/23 07:17	7440-43-9	
Selenium	688	ug/kg	565	132	5	05/03/23 12:15	05/04/23 10:19	7782-49-2	
Silver	ND	ug/kg	56.5	1.9	1	05/03/23 12:15	05/04/23 07:17	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	245	23.3	1	05/01/23 12:00	05/01/23 21:56	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	31.7	ug/kg	5.7	2.3	1	04/26/23 16:24	04/27/23 12:25	83-32-9	
Acenaphthylene	20.9	ug/kg	5.7	2.2	1	04/26/23 16:24	04/27/23 12:25	208-96-8	
Anthracene	145	ug/kg	5.7	2.9	1	04/26/23 16:24	04/27/23 12:25	120-12-7	
Benzo(a)anthracene	724	ug/kg	5.7	1.6	1	04/26/23 16:24	04/27/23 12:25	56-55-3	
Benzo(a)pyrene	601	ug/kg	5.7	3.4	1	04/26/23 16:24	04/27/23 12:25	50-32-8	
Benzo(b)fluoranthene	809	ug/kg	5.7	3.1	1	04/26/23 16:24	04/27/23 12:25	205-99-2	
Benzo(g,h,i)perylene	329	ug/kg	5.7	3.4	1	04/26/23 16:24	04/27/23 12:25	191-24-2	
Benzo(k)fluoranthene	281	ug/kg	5.7	2.6	1	04/26/23 16:24	04/27/23 12:25	207-08-9	
Chrysene	628	ug/kg	5.7	3.9	1	04/26/23 16:24	04/27/23 12:25	218-01-9	
Dibenz(a,h)anthracene	98.9	ug/kg	5.7	2.8	1	04/26/23 16:24	04/27/23 12:25	53-70-3	
Fluoranthene	1400	ug/kg	5.7	4.0	1	04/26/23 16:24	04/27/23 12:25	206-44-0	
Fluorene	33.9	ug/kg	5.7	2.3	1	04/26/23 16:24	04/27/23 12:25	86-73-7	
Indeno(1,2,3-cd)pyrene	312	ug/kg	5.7	2.9	1	04/26/23 16:24	04/27/23 12:25	193-39-5	
2-Methylnaphthalene	72.7	ug/kg	5.7	5.4	1	04/26/23 16:24	04/27/23 12:25	91-57-6	
Naphthalene	28.4	ug/kg	5.7	5.3	1	04/26/23 16:24	04/27/23 12:25	91-20-3	
Phenanthrene	530	ug/kg	5.7	4.1	1	04/26/23 16:24	04/27/23 12:25	85-01-8	
Pyrene	1090	ug/kg	5.7	3.9	1	04/26/23 16:24	04/27/23 12:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		1	04/26/23 16:24	04/27/23 12:25	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		1	04/26/23 16:24	04/27/23 12:25	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-26 (0-2) **Lab ID: 50343165008** Collected: 04/25/23 09:54 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3170	ug/kg	1070	182	1	05/03/23 10:40	05/04/23 11:36	7440-38-2	
Barium	35600	ug/kg	1070	199	1	05/03/23 10:40	05/04/23 11:36	7440-39-3	
Chromium	10300	ug/kg	1070	179	1	05/03/23 10:40	05/04/23 11:36	7440-47-3	
Copper	10600	ug/kg	1070	307	1	05/03/23 10:40	05/04/23 11:36	7440-50-8	
Lead	14700	ug/kg	1070	426	1	05/03/23 10:40	05/04/23 11:36	7439-92-1	
Zinc	38500	ug/kg	1070	602	1	05/03/23 10:40	05/04/23 11:36	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	192	ug/kg	56.0	24.5	1	05/03/23 12:15	05/04/23 07:21	7440-43-9	
Selenium	ND	ug/kg	560	131	5	05/03/23 12:15	05/04/23 10:23	7782-49-2	D3
Silver	ND	ug/kg	56.0	1.9	1	05/03/23 12:15	05/04/23 07:21	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	229	21.7	1	05/01/23 12:00	05/01/23 21:58	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.5	2.2	1	04/26/23 16:24	04/27/23 12:38	83-32-9	
Acenaphthylene	ND	ug/kg	5.5	2.1	1	04/26/23 16:24	04/27/23 12:38	208-96-8	
Anthracene	5.7	ug/kg	5.5	2.8	1	04/26/23 16:24	04/27/23 12:38	120-12-7	
Benzo(a)anthracene	24.8	ug/kg	5.5	1.6	1	04/26/23 16:24	04/27/23 12:38	56-55-3	
Benzo(a)pyrene	24.8	ug/kg	5.5	3.3	1	04/26/23 16:24	04/27/23 12:38	50-32-8	
Benzo(b)fluoranthene	32.6	ug/kg	5.5	3.0	1	04/26/23 16:24	04/27/23 12:38	205-99-2	
Benzo(g,h,i)perylene	16.1	ug/kg	5.5	3.3	1	04/26/23 16:24	04/27/23 12:38	191-24-2	
Benzo(k)fluoranthene	12.1	ug/kg	5.5	2.6	1	04/26/23 16:24	04/27/23 12:38	207-08-9	
Chrysene	26.2	ug/kg	5.5	3.8	1	04/26/23 16:24	04/27/23 12:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.5	2.7	1	04/26/23 16:24	04/27/23 12:38	53-70-3	
Fluoranthene	47.8	ug/kg	5.5	3.9	1	04/26/23 16:24	04/27/23 12:38	206-44-0	
Fluorene	ND	ug/kg	5.5	2.2	1	04/26/23 16:24	04/27/23 12:38	86-73-7	
Indeno(1,2,3-cd)pyrene	14.0	ug/kg	5.5	2.8	1	04/26/23 16:24	04/27/23 12:38	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.5	5.2	1	04/26/23 16:24	04/27/23 12:38	91-57-6	
Naphthalene	ND	ug/kg	5.5	5.1	1	04/26/23 16:24	04/27/23 12:38	91-20-3	
Phenanthrene	24.8	ug/kg	5.5	4.0	1	04/26/23 16:24	04/27/23 12:38	85-01-8	
Pyrene	42.1	ug/kg	5.5	3.8	1	04/26/23 16:24	04/27/23 12:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/26/23 16:24	04/27/23 12:38	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136		1	04/26/23 16:24	04/27/23 12:38	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-27 (0-2) **Lab ID: 50343165009** Collected: 04/25/23 10:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6170	ug/kg	1180	200	1	05/03/23 10:40	05/04/23 11:39	7440-38-2	
Barium	79500	ug/kg	1180	219	1	05/03/23 10:40	05/04/23 11:39	7440-39-3	
Chromium	12800	ug/kg	1180	196	1	05/03/23 10:40	05/04/23 11:39	7440-47-3	
Copper	22800	ug/kg	1180	338	1	05/03/23 10:40	05/04/23 11:39	7440-50-8	
Lead	77600	ug/kg	1180	468	1	05/03/23 10:40	05/04/23 11:39	7439-92-1	
Zinc	84600	ug/kg	1180	662	1	05/03/23 10:40	05/04/23 11:39	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	372	ug/kg	57.9	25.4	1	05/03/23 12:15	05/04/23 07:24	7440-43-9	
Selenium	766	ug/kg	579	135	5	05/03/23 12:15	05/04/23 10:26	7782-49-2	
Silver	120	ug/kg	57.9	2.0	1	05/03/23 12:15	05/04/23 07:24	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	228	21.7	1	05/01/23 12:00	05/01/23 22:00	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	32.8	ug/kg	5.7	2.3	1	04/26/23 16:24	04/27/23 12:52	83-32-9	
Acenaphthylene	43.1	ug/kg	5.7	2.1	1	04/26/23 16:24	04/27/23 12:52	208-96-8	
Anthracene	148	ug/kg	5.7	2.8	1	04/26/23 16:24	04/27/23 12:52	120-12-7	
Benzo(a)anthracene	485	ug/kg	5.7	1.6	1	04/26/23 16:24	04/27/23 12:52	56-55-3	
Benzo(a)pyrene	417	ug/kg	5.7	3.4	1	04/26/23 16:24	04/27/23 12:52	50-32-8	
Benzo(b)fluoranthene	517	ug/kg	5.7	3.1	1	04/26/23 16:24	04/27/23 12:52	205-99-2	
Benzo(g,h,i)perylene	226	ug/kg	5.7	3.4	1	04/26/23 16:24	04/27/23 12:52	191-24-2	
Benzo(k)fluoranthene	201	ug/kg	5.7	2.6	1	04/26/23 16:24	04/27/23 12:52	207-08-9	
Chrysene	441	ug/kg	5.7	3.9	1	04/26/23 16:24	04/27/23 12:52	218-01-9	
Dibenz(a,h)anthracene	67.3	ug/kg	5.7	2.8	1	04/26/23 16:24	04/27/23 12:52	53-70-3	
Fluoranthene	1010	ug/kg	5.7	3.9	1	04/26/23 16:24	04/27/23 12:52	206-44-0	
Fluorene	45.8	ug/kg	5.7	2.2	1	04/26/23 16:24	04/27/23 12:52	86-73-7	
Indeno(1,2,3-cd)pyrene	212	ug/kg	5.7	2.9	1	04/26/23 16:24	04/27/23 12:52	193-39-5	
2-Methylnaphthalene	48.9	ug/kg	5.7	5.3	1	04/26/23 16:24	04/27/23 12:52	91-57-6	
Naphthalene	45.2	ug/kg	5.7	5.2	1	04/26/23 16:24	04/27/23 12:52	91-20-3	
Phenanthrene	659	ug/kg	5.7	4.1	1	04/26/23 16:24	04/27/23 12:52	85-01-8	
Pyrene	804	ug/kg	5.7	3.9	1	04/26/23 16:24	04/27/23 12:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	23-115		1	04/26/23 16:24	04/27/23 12:52	321-60-8	
p-Terphenyl-d14 (S)	63	%	19-136		1	04/26/23 16:24	04/27/23 12:52	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.2	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-28 (0-2) **Lab ID: 50343165010** Collected: 04/25/23 10:05 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5340	ug/kg	1100	187	1	05/03/23 10:40	05/04/23 11:41	7440-38-2	
Barium	1200000	ug/kg	1100	205	1	05/03/23 10:40	05/04/23 11:41	7440-39-3	
Chromium	10200	ug/kg	1100	184	1	05/03/23 10:40	05/04/23 11:41	7440-47-3	
Copper	24300	ug/kg	1100	316	1	05/03/23 10:40	05/04/23 11:41	7440-50-8	
Lead	149000	ug/kg	1100	438	1	05/03/23 10:40	05/04/23 11:41	7439-92-1	
Zinc	146000	ug/kg	1100	619	1	05/03/23 10:40	05/04/23 11:41	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	428	ug/kg	57.0	25.0	1	05/03/23 12:15	05/04/23 07:27	7440-43-9	
Selenium	589	ug/kg	570	133	5	05/03/23 12:15	05/04/23 10:30	7782-49-2	
Silver	67.6	ug/kg	57.0	1.9	1	05/03/23 12:15	05/04/23 07:27	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	390	ug/kg	241	22.9	1	05/04/23 10:10	05/04/23 17:34	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	30.6	ug/kg	5.6	2.2	1	04/26/23 16:24	04/27/23 13:05	83-32-9	
Acenaphthylene	31.9	ug/kg	5.6	2.1	1	04/26/23 16:24	04/27/23 13:05	208-96-8	
Anthracene	123	ug/kg	5.6	2.8	1	04/26/23 16:24	04/27/23 13:05	120-12-7	
Benzo(a)anthracene	493	ug/kg	5.6	1.6	1	04/26/23 16:24	04/27/23 13:05	56-55-3	
Benzo(a)pyrene	464	ug/kg	5.6	3.3	1	04/26/23 16:24	04/27/23 13:05	50-32-8	
Benzo(b)fluoranthene	601	ug/kg	5.6	3.1	1	04/26/23 16:24	04/27/23 13:05	205-99-2	
Benzo(g,h,i)perylene	307	ug/kg	5.6	3.3	1	04/26/23 16:24	04/27/23 13:05	191-24-2	
Benzo(k)fluoranthene	227	ug/kg	5.6	2.6	1	04/26/23 16:24	04/27/23 13:05	207-08-9	
Chrysene	475	ug/kg	5.6	3.8	1	04/26/23 16:24	04/27/23 13:05	218-01-9	
Dibenz(a,h)anthracene	83.2	ug/kg	5.6	2.7	1	04/26/23 16:24	04/27/23 13:05	53-70-3	
Fluoranthene	961	ug/kg	5.6	3.9	1	04/26/23 16:24	04/27/23 13:05	206-44-0	
Fluorene	32.8	ug/kg	5.6	2.2	1	04/26/23 16:24	04/27/23 13:05	86-73-7	
Indeno(1,2,3-cd)pyrene	257	ug/kg	5.6	2.8	1	04/26/23 16:24	04/27/23 13:05	193-39-5	
2-Methylnaphthalene	39.3	ug/kg	5.6	5.2	1	04/26/23 16:24	04/27/23 13:05	91-57-6	
Naphthalene	34.7	ug/kg	5.6	5.1	1	04/26/23 16:24	04/27/23 13:05	91-20-3	
Phenanthrene	504	ug/kg	5.6	4.0	1	04/26/23 16:24	04/27/23 13:05	85-01-8	
Pyrene	777	ug/kg	5.6	3.8	1	04/26/23 16:24	04/27/23 13:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	23-115		1	04/26/23 16:24	04/27/23 13:05	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		1	04/26/23 16:24	04/27/23 13:05	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.7	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-29 (0-2) **Lab ID: 50343165011** Collected: 04/25/23 10:12 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6480	ug/kg	1070	182	1	05/03/23 10:40	05/04/23 11:43	7440-38-2	
Barium	58100	ug/kg	1070	199	1	05/03/23 10:40	05/04/23 11:43	7440-39-3	
Chromium	21000	ug/kg	1070	178	1	05/03/23 10:40	05/04/23 11:43	7440-47-3	
Copper	27200	ug/kg	1070	307	1	05/03/23 10:40	05/04/23 11:43	7440-50-8	
Lead	30500	ug/kg	1070	425	1	05/03/23 10:40	05/04/23 11:43	7439-92-1	
Zinc	58400	ug/kg	1070	601	1	05/03/23 10:40	05/04/23 11:43	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	209	ug/kg	56.5	24.8	1	05/03/23 12:15	05/04/23 07:31	7440-43-9	
Selenium	ND	ug/kg	2260	527	20	05/03/23 12:15	05/04/23 10:33	7782-49-2	D3
Silver	76.3	ug/kg	56.5	1.9	1	05/03/23 12:15	05/04/23 07:31	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	228	21.6	1	05/04/23 10:10	05/04/23 17:41	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.5	2.2	1	04/26/23 16:24	04/27/23 13:18	83-32-9	
Acenaphthylene	ND	ug/kg	5.5	2.1	1	04/26/23 16:24	04/27/23 13:18	208-96-8	
Anthracene	11.0	ug/kg	5.5	2.8	1	04/26/23 16:24	04/27/23 13:18	120-12-7	
Benzo(a)anthracene	43.2	ug/kg	5.5	1.6	1	04/26/23 16:24	04/27/23 13:18	56-55-3	
Benzo(a)pyrene	40.5	ug/kg	5.5	3.3	1	04/26/23 16:24	04/27/23 13:18	50-32-8	
Benzo(b)fluoranthene	59.7	ug/kg	5.5	3.0	1	04/26/23 16:24	04/27/23 13:18	205-99-2	
Benzo(g,h,i)perylene	29.9	ug/kg	5.5	3.3	1	04/26/23 16:24	04/27/23 13:18	191-24-2	
Benzo(k)fluoranthene	20.1	ug/kg	5.5	2.6	1	04/26/23 16:24	04/27/23 13:18	207-08-9	
Chrysene	45.8	ug/kg	5.5	3.8	1	04/26/23 16:24	04/27/23 13:18	218-01-9	
Dibenz(a,h)anthracene	8.1	ug/kg	5.5	2.7	1	04/26/23 16:24	04/27/23 13:18	53-70-3	
Fluoranthene	77.2	ug/kg	5.5	3.9	1	04/26/23 16:24	04/27/23 13:18	206-44-0	
Fluorene	ND	ug/kg	5.5	2.2	1	04/26/23 16:24	04/27/23 13:18	86-73-7	
Indeno(1,2,3-cd)pyrene	24.4	ug/kg	5.5	2.8	1	04/26/23 16:24	04/27/23 13:18	193-39-5	
2-Methylnaphthalene	7.0	ug/kg	5.5	5.2	1	04/26/23 16:24	04/27/23 13:18	91-57-6	
Naphthalene	6.4	ug/kg	5.5	5.1	1	04/26/23 16:24	04/27/23 13:18	91-20-3	
Phenanthrene	40.8	ug/kg	5.5	4.0	1	04/26/23 16:24	04/27/23 13:18	85-01-8	
Pyrene	66.9	ug/kg	5.5	3.8	1	04/26/23 16:24	04/27/23 13:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		1	04/26/23 16:24	04/27/23 13:18	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136		1	04/26/23 16:24	04/27/23 13:18	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.5	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-30 (0-2) Lab ID: 50343165012 Collected: 04/25/23 10:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7810	ug/kg	977	166	1	05/03/23 10:40	05/04/23 11:45	7440-38-2	
Barium	265000	ug/kg	977	182	1	05/03/23 10:40	05/04/23 11:45	7440-39-3	
Chromium	46300	ug/kg	977	163	1	05/03/23 10:40	05/04/23 11:45	7440-47-3	
Copper	68100	ug/kg	977	280	1	05/03/23 10:40	05/04/23 11:45	7440-50-8	
Lead	273000	ug/kg	977	389	1	05/03/23 10:40	05/04/23 11:45	7439-92-1	
Zinc	208000	ug/kg	977	550	1	05/03/23 10:40	05/04/23 11:45	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1570	ug/kg	55.6	24.4	1	05/03/23 12:15	05/04/23 07:41	7440-43-9	
Selenium	762	ug/kg	556	130	5	05/03/23 12:15	05/04/23 10:44	7782-49-2	
Silver	100	ug/kg	55.6	1.9	1	05/03/23 12:15	05/04/23 07:41	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	232	22.0	1	05/04/23 10:10	05/04/23 17:44	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	303	ug/kg	27.5	11.0	5	04/26/23 16:24	04/27/23 13:32	83-32-9	
Acenaphthylene	193	ug/kg	27.5	10.3	5	04/26/23 16:24	04/27/23 13:32	208-96-8	
Anthracene	1010	ug/kg	27.5	13.8	5	04/26/23 16:24	04/27/23 13:32	120-12-7	
Benzo(a)anthracene	3440	ug/kg	27.5	7.8	5	04/26/23 16:24	04/27/23 13:32	56-55-3	
Benzo(a)pyrene	3040	ug/kg	27.5	16.4	5	04/26/23 16:24	04/27/23 13:32	50-32-8	
Benzo(b)fluoranthene	3690	ug/kg	27.5	15.1	5	04/26/23 16:24	04/27/23 13:32	205-99-2	
Benzo(g,h,i)perylene	1850	ug/kg	27.5	16.3	5	04/26/23 16:24	04/27/23 13:32	191-24-2	
Benzo(k)fluoranthene	1300	ug/kg	27.5	12.7	5	04/26/23 16:24	04/27/23 13:32	207-08-9	
Chrysene	3270	ug/kg	27.5	18.9	5	04/26/23 16:24	04/27/23 13:32	218-01-9	
Dibenz(a,h)anthracene	498	ug/kg	27.5	13.5	5	04/26/23 16:24	04/27/23 13:32	53-70-3	
Fluoranthene	6710	ug/kg	27.5	19.1	5	04/26/23 16:24	04/27/23 13:32	206-44-0	
Fluorene	307	ug/kg	27.5	10.9	5	04/26/23 16:24	04/27/23 13:32	86-73-7	
Indeno(1,2,3-cd)pyrene	1590	ug/kg	27.5	14.0	5	04/26/23 16:24	04/27/23 13:32	193-39-5	
2-Methylnaphthalene	115	ug/kg	27.5	25.8	5	04/26/23 16:24	04/27/23 13:32	91-57-6	
Naphthalene	149	ug/kg	27.5	25.3	5	04/26/23 16:24	04/27/23 13:32	91-20-3	ED
Phenanthrene	4290	ug/kg	27.5	19.8	5	04/26/23 16:24	04/27/23 13:32	85-01-8	
Pyrene	6020	ug/kg	27.5	18.9	5	04/26/23 16:24	04/27/23 13:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	23-115		5	04/26/23 16:24	04/27/23 13:32	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		5	04/26/23 16:24	04/27/23 13:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.5	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-31 (0-2) **Lab ID: 50343165013** Collected: 04/25/23 10:33 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9170	ug/kg	1310	222	1	05/03/23 10:40	05/04/23 11:56	7440-38-2	
Barium	92000	ug/kg	1310	243	1	05/03/23 10:40	05/04/23 11:56	7440-39-3	
Chromium	17900	ug/kg	1310	219	1	05/03/23 10:40	05/04/23 11:56	7440-47-3	
Copper	51200	ug/kg	1310	376	1	05/03/23 10:40	05/04/23 11:56	7440-50-8	
Lead	105000	ug/kg	1310	521	1	05/03/23 10:40	05/04/23 11:56	7439-92-1	
Zinc	128000	ug/kg	1310	737	1	05/03/23 10:40	05/04/23 11:56	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	561	ug/kg	68.0	29.8	1	05/03/23 12:15	05/04/23 07:45	7440-43-9	
Selenium	919	ug/kg	680	159	5	05/03/23 12:15	05/04/23 10:47	7782-49-2	
Silver	92.7	ug/kg	68.0	2.3	1	05/03/23 12:15	05/04/23 07:45	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	279	26.5	1	05/04/23 10:10	05/04/23 17:46	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	10.4	ug/kg	6.8	2.7	1	04/27/23 10:37	04/27/23 17:04	83-32-9	
Acenaphthylene	ND	ug/kg	6.8	2.6	1	04/27/23 10:37	04/27/23 17:04	208-96-8	
Anthracene	26.8	ug/kg	6.8	3.4	1	04/27/23 10:37	04/27/23 17:04	120-12-7	
Benzo(a)anthracene	95.8	ug/kg	6.8	1.9	1	04/27/23 10:37	04/27/23 17:04	56-55-3	
Benzo(a)pyrene	88.3	ug/kg	6.8	4.1	1	04/27/23 10:37	04/27/23 17:04	50-32-8	
Benzo(b)fluoranthene	106	ug/kg	6.8	3.8	1	04/27/23 10:37	04/27/23 17:04	205-99-2	
Benzo(g,h,i)perylene	52.7	ug/kg	6.8	4.0	1	04/27/23 10:37	04/27/23 17:04	191-24-2	
Benzo(k)fluoranthene	37.3	ug/kg	6.8	3.2	1	04/27/23 10:37	04/27/23 17:04	207-08-9	
Chrysene	90.2	ug/kg	6.8	4.7	1	04/27/23 10:37	04/27/23 17:04	218-01-9	
Dibenz(a,h)anthracene	14.7	ug/kg	6.8	3.4	1	04/27/23 10:37	04/27/23 17:04	53-70-3	
Fluoranthene	175	ug/kg	6.8	4.7	1	04/27/23 10:37	04/27/23 17:04	206-44-0	
Fluorene	7.9	ug/kg	6.8	2.7	1	04/27/23 10:37	04/27/23 17:04	86-73-7	
Indeno(1,2,3-cd)pyrene	45.5	ug/kg	6.8	3.5	1	04/27/23 10:37	04/27/23 17:04	193-39-5	
2-Methylnaphthalene	ND	ug/kg	6.8	6.4	1	04/27/23 10:37	04/27/23 17:04	91-57-6	
Naphthalene	8.3	ug/kg	6.8	6.3	1	04/27/23 10:37	04/27/23 17:04	91-20-3	
Phenanthrene	108	ug/kg	6.8	4.9	1	04/27/23 10:37	04/27/23 17:04	85-01-8	
Pyrene	165	ug/kg	6.8	4.7	1	04/27/23 10:37	04/27/23 17:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		1	04/27/23 10:37	04/27/23 17:04	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		1	04/27/23 10:37	04/27/23 17:04	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	28.1	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-32 (0-2) **Lab ID: 50343165014** Collected: 04/25/23 11:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8570	ug/kg	1080	183	1	05/03/23 10:40	05/04/23 12:07	7440-38-2	
Barium	364000	ug/kg	1080	201	1	05/03/23 10:40	05/04/23 12:07	7440-39-3	
Chromium	19500	ug/kg	1080	180	1	05/03/23 10:40	05/04/23 12:07	7440-47-3	
Copper	114000	ug/kg	1080	309	1	05/03/23 10:40	05/04/23 12:07	7440-50-8	
Lead	327000	ug/kg	1080	429	1	05/03/23 10:40	05/04/23 12:07	7439-92-1	
Zinc	389000	ug/kg	1080	607	1	05/03/23 10:40	05/04/23 12:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	3730	ug/kg	55.6	24.3	1	05/03/23 12:15	05/04/23 07:48	7440-43-9	
Selenium	877	ug/kg	556	130	5	05/03/23 12:15	05/04/23 10:51	7782-49-2	
Silver	186	ug/kg	55.6	1.9	1	05/03/23 12:15	05/04/23 07:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	372	ug/kg	222	21.1	1	05/04/23 10:10	05/04/23 17:48	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	2240	ug/kg	27.7	11.1	5	04/27/23 10:37	04/27/23 17:17	83-32-9	
Acenaphthylene	2150	ug/kg	27.7	10.4	5	04/27/23 10:37	04/27/23 17:17	208-96-8	
Anthracene	10400	ug/kg	27.7	13.9	5	04/27/23 10:37	04/27/23 17:17	120-12-7	
Benzo(a)anthracene	44200	ug/kg	277	78.7	50	04/27/23 10:37	05/01/23 16:21	56-55-3	
Benzo(a)pyrene	28400	ug/kg	27.7	16.5	5	04/27/23 10:37	04/27/23 17:17	50-32-8	
Benzo(b)fluoranthene	34100	ug/kg	27.7	15.3	5	04/27/23 10:37	04/27/23 17:17	205-99-2	
Benzo(g,h,i)perylene	15000	ug/kg	27.7	16.4	5	04/27/23 10:37	04/27/23 17:17	191-24-2	
Benzo(k)fluoranthene	13700	ug/kg	27.7	12.8	5	04/27/23 10:37	04/27/23 17:17	207-08-9	
Chrysene	32200	ug/kg	27.7	19.0	5	04/27/23 10:37	04/27/23 17:17	218-01-9	
Dibenz(a,h)anthracene	4550	ug/kg	27.7	13.6	5	04/27/23 10:37	04/27/23 17:17	53-70-3	
Fluoranthene	94400	ug/kg	277	193	50	04/27/23 10:37	05/01/23 16:21	206-44-0	
Fluorene	2900	ug/kg	27.7	11.0	5	04/27/23 10:37	04/27/23 17:17	86-73-7	
Indeno(1,2,3-cd)pyrene	13800	ug/kg	27.7	14.1	5	04/27/23 10:37	04/27/23 17:17	193-39-5	
2-Methylnaphthalene	652	ug/kg	27.7	26.1	5	04/27/23 10:37	04/27/23 17:17	91-57-6	
Naphthalene	974	ug/kg	27.7	25.5	5	04/27/23 10:37	04/27/23 17:17	91-20-3	ED
Phenanthrene	51100	ug/kg	277	200	50	04/27/23 10:37	05/01/23 16:21	85-01-8	
Pyrene	87000	ug/kg	277	190	50	04/27/23 10:37	05/01/23 16:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	48	%	23-115		5	04/27/23 10:37	04/27/23 17:17	321-60-8	
p-Terphenyl-d14 (S)	56	%	19-136		5	04/27/23 10:37	04/27/23 17:17	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.3	%	0.10	0.10	1		05/03/23 17:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-33 (0-2) **Lab ID: 50343165015** Collected: 04/25/23 11:27 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7470	ug/kg	1300	221	1	05/03/23 10:40	05/04/23 12:10	7440-38-2	
Barium	263000	ug/kg	1300	242	1	05/03/23 10:40	05/04/23 12:10	7440-39-3	
Chromium	26800	ug/kg	1300	217	1	05/03/23 10:40	05/04/23 12:10	7440-47-3	
Copper	40900	ug/kg	1300	373	1	05/03/23 10:40	05/04/23 12:10	7440-50-8	
Lead	204000	ug/kg	1300	517	1	05/03/23 10:40	05/04/23 12:10	7439-92-1	
Zinc	203000	ug/kg	1300	732	1	05/03/23 10:40	05/04/23 12:10	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1100	ug/kg	63.9	28.0	1	05/03/23 12:15	05/04/23 07:52	7440-43-9	
Selenium	1030	ug/kg	639	149	5	05/03/23 12:15	05/04/23 10:54	7782-49-2	
Silver	112	ug/kg	63.9	2.2	1	05/03/23 12:15	05/04/23 07:52	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	272	25.8	1	05/04/23 10:10	05/04/23 17:51	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	173	ug/kg	31.4	12.6	5	04/27/23 10:37	04/27/23 17:31	83-32-9	
Acenaphthylene	160	ug/kg	31.4	11.8	5	04/27/23 10:37	04/27/23 17:31	208-96-8	
Anthracene	710	ug/kg	31.4	15.7	5	04/27/23 10:37	04/27/23 17:31	120-12-7	
Benzo(a)anthracene	3100	ug/kg	31.4	8.9	5	04/27/23 10:37	04/27/23 17:31	56-55-3	
Benzo(a)pyrene	2690	ug/kg	31.4	18.7	5	04/27/23 10:37	04/27/23 17:31	50-32-8	
Benzo(b)fluoranthene	3380	ug/kg	31.4	17.3	5	04/27/23 10:37	04/27/23 17:31	205-99-2	
Benzo(g,h,i)perylene	1520	ug/kg	31.4	18.6	5	04/27/23 10:37	04/27/23 17:31	191-24-2	
Benzo(k)fluoranthene	3210	ug/kg	31.4	14.5	5	04/27/23 10:37	04/27/23 17:31	207-08-9	
Chrysene	2810	ug/kg	31.4	21.6	5	04/27/23 10:37	04/27/23 17:31	218-01-9	
Dibenz(a,h)anthracene	436	ug/kg	31.4	15.4	5	04/27/23 10:37	04/27/23 17:31	53-70-3	
Fluoranthene	5940	ug/kg	31.4	21.8	5	04/27/23 10:37	04/27/23 17:31	206-44-0	
Fluorene	178	ug/kg	31.4	12.4	5	04/27/23 10:37	04/27/23 17:31	86-73-7	
Indeno(1,2,3-cd)pyrene	1380	ug/kg	31.4	16.0	5	04/27/23 10:37	04/27/23 17:31	193-39-5	
2-Methylnaphthalene	46.6	ug/kg	31.4	29.5	5	04/27/23 10:37	04/27/23 17:31	91-57-6	
Naphthalene	61.4	ug/kg	31.4	28.9	5	04/27/23 10:37	04/27/23 17:31	91-20-3	ED
Phenanthrene	2800	ug/kg	31.4	22.6	5	04/27/23 10:37	04/27/23 17:31	85-01-8	
Pyrene	5230	ug/kg	31.4	21.5	5	04/27/23 10:37	04/27/23 17:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		5	04/27/23 10:37	04/27/23 17:31	321-60-8	
p-Terphenyl-d14 (S)	60	%	19-136		5	04/27/23 10:37	04/27/23 17:31	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	24.3	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-34 (0-2) **Lab ID: 50343165016** Collected: 04/25/23 11:40 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7330	ug/kg	1030	174	1	05/03/23 10:40	05/04/23 12:12	7440-38-2	
Barium	205000	ug/kg	1030	191	1	05/03/23 10:40	05/04/23 12:12	7440-39-3	
Chromium	37600	ug/kg	1030	171	1	05/03/23 10:40	05/04/23 12:12	7440-47-3	
Copper	23900	ug/kg	1030	294	1	05/03/23 10:40	05/04/23 12:12	7440-50-8	
Lead	111000	ug/kg	1030	408	1	05/03/23 10:40	05/04/23 12:12	7439-92-1	
Zinc	163000	ug/kg	1030	577	1	05/03/23 10:40	05/04/23 12:12	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	816	ug/kg	57.6	25.2	1	05/03/23 12:15	05/04/23 07:55	7440-43-9	
Selenium	593	ug/kg	576	134	5	05/03/23 12:15	05/04/23 10:58	7782-49-2	
Silver	110	ug/kg	57.6	1.9	1	05/03/23 12:15	05/04/23 07:55	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	236	22.4	1	05/04/23 10:10	05/04/23 17:58	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	197	ug/kg	28.6	11.5	5	04/27/23 10:37	04/27/23 17:44	83-32-9	
Acenaphthylene	120	ug/kg	28.6	10.8	5	04/27/23 10:37	04/27/23 17:44	208-96-8	
Anthracene	661	ug/kg	28.6	14.3	5	04/27/23 10:37	04/27/23 17:44	120-12-7	
Benzo(a)anthracene	2610	ug/kg	28.6	8.1	5	04/27/23 10:37	04/27/23 17:44	56-55-3	
Benzo(a)pyrene	2280	ug/kg	28.6	17.0	5	04/27/23 10:37	04/27/23 17:44	50-32-8	
Benzo(b)fluoranthene	2840	ug/kg	28.6	15.8	5	04/27/23 10:37	04/27/23 17:44	205-99-2	
Benzo(g,h,i)perylene	1330	ug/kg	28.6	17.0	5	04/27/23 10:37	04/27/23 17:44	191-24-2	
Benzo(k)fluoranthene	1070	ug/kg	28.6	13.2	5	04/27/23 10:37	04/27/23 17:44	207-08-9	
Chrysene	2360	ug/kg	28.6	19.7	5	04/27/23 10:37	04/27/23 17:44	218-01-9	
Dibenz(a,h)anthracene	376	ug/kg	28.6	14.1	5	04/27/23 10:37	04/27/23 17:44	53-70-3	
Fluoranthene	5140	ug/kg	28.6	19.9	5	04/27/23 10:37	04/27/23 17:44	206-44-0	
Fluorene	179	ug/kg	28.6	11.3	5	04/27/23 10:37	04/27/23 17:44	86-73-7	
Indeno(1,2,3-cd)pyrene	1180	ug/kg	28.6	14.6	5	04/27/23 10:37	04/27/23 17:44	193-39-5	
2-Methylnaphthalene	43.8	ug/kg	28.6	26.9	5	04/27/23 10:37	04/27/23 17:44	91-57-6	
Naphthalene	63.3	ug/kg	28.6	26.3	5	04/27/23 10:37	04/27/23 17:44	91-20-3	ED
Phenanthrene	2660	ug/kg	28.6	20.6	5	04/27/23 10:37	04/27/23 17:44	85-01-8	
Pyrene	4490	ug/kg	28.6	19.7	5	04/27/23 10:37	04/27/23 17:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		5	04/27/23 10:37	04/27/23 17:44	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136		5	04/27/23 10:37	04/27/23 17:44	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.5	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-35 (0-2) **Lab ID: 50343165017** Collected: 04/25/23 11:43 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11900	ug/kg	1310	222	1	05/03/23 10:40	05/04/23 12:14	7440-38-2	
Barium	479000	ug/kg	1310	243	1	05/03/23 10:40	05/04/23 12:14	7440-39-3	
Chromium	79000	ug/kg	1310	218	1	05/03/23 10:40	05/04/23 12:14	7440-47-3	
Copper	31100	ug/kg	1310	375	1	05/03/23 10:40	05/04/23 12:14	7440-50-8	
Lead	289000	ug/kg	1310	520	1	05/03/23 10:40	05/04/23 12:14	7439-92-1	
Zinc	246000	ug/kg	1310	736	1	05/03/23 10:40	05/04/23 12:14	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	662	ug/kg	65.7	28.8	1	05/03/23 12:15	05/04/23 08:06	7440-43-9	
Selenium	709	ug/kg	657	153	5	05/03/23 12:15	05/04/23 11:08	7782-49-2	
Silver	85.2	ug/kg	65.7	2.2	1	05/03/23 12:15	05/04/23 08:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	268	25.5	1	05/04/23 10:10	05/04/23 18:01	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	159	ug/kg	32.4	13.0	5	04/27/23 10:37	04/27/23 17:57	83-32-9	
Acenaphthylene	74.2	ug/kg	32.4	12.2	5	04/27/23 10:37	04/27/23 17:57	208-96-8	
Anthracene	524	ug/kg	32.4	16.2	5	04/27/23 10:37	04/27/23 17:57	120-12-7	
Benzo(a)anthracene	1550	ug/kg	32.4	9.2	5	04/27/23 10:37	04/27/23 17:57	56-55-3	
Benzo(a)pyrene	1200	ug/kg	32.4	19.3	5	04/27/23 10:37	04/27/23 17:57	50-32-8	
Benzo(b)fluoranthene	1400	ug/kg	32.4	17.9	5	04/27/23 10:37	04/27/23 17:57	205-99-2	
Benzo(g,h,i)perylene	678	ug/kg	32.4	19.2	5	04/27/23 10:37	04/27/23 17:57	191-24-2	
Benzo(k)fluoranthene	498	ug/kg	32.4	15.0	5	04/27/23 10:37	04/27/23 17:57	207-08-9	
Chrysene	1420	ug/kg	32.4	22.3	5	04/27/23 10:37	04/27/23 17:57	218-01-9	
Dibenz(a,h)anthracene	193	ug/kg	32.4	15.9	5	04/27/23 10:37	04/27/23 17:57	53-70-3	
Fluoranthene	2940	ug/kg	32.4	22.6	5	04/27/23 10:37	04/27/23 17:57	206-44-0	
Fluorene	149	ug/kg	32.4	12.8	5	04/27/23 10:37	04/27/23 17:57	86-73-7	
Indeno(1,2,3-cd)pyrene	572	ug/kg	32.4	16.5	5	04/27/23 10:37	04/27/23 17:57	193-39-5	
2-Methylnaphthalene	52.2	ug/kg	32.4	30.5	5	04/27/23 10:37	04/27/23 17:57	91-57-6	
Naphthalene	72.4	ug/kg	32.4	29.8	5	04/27/23 10:37	04/27/23 17:57	91-20-3	ED
Phenanthrene	2380	ug/kg	32.4	23.3	5	04/27/23 10:37	04/27/23 17:57	85-01-8	
Pyrene	2900	ug/kg	32.4	22.3	5	04/27/23 10:37	04/27/23 17:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	23-115		5	04/27/23 10:37	04/27/23 17:57	321-60-8	
p-Terphenyl-d14 (S)	68	%	19-136		5	04/27/23 10:37	04/27/23 17:57	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	26.4	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-36 (0-2) **Lab ID: 50343165018** Collected: 04/25/23 11:45 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7140	ug/kg	1140	195	1	05/03/23 10:40	05/04/23 12:17	7440-38-2	
Barium	62500	ug/kg	1140	213	1	05/03/23 10:40	05/04/23 12:17	7440-39-3	
Chromium	15800	ug/kg	1140	191	1	05/03/23 10:40	05/04/23 12:17	7440-47-3	
Copper	19900	ug/kg	1140	329	1	05/03/23 10:40	05/04/23 12:17	7440-50-8	
Lead	47000	ug/kg	1140	456	1	05/03/23 10:40	05/04/23 12:17	7439-92-1	
Zinc	75200	ug/kg	1140	645	1	05/03/23 10:40	05/04/23 12:17	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	419	ug/kg	58.1	25.5	1	05/03/23 12:15	05/04/23 08:09	7440-43-9	
Selenium	921	ug/kg	581	135	5	05/03/23 12:15	05/04/23 11:12	7782-49-2	
Silver	64.3	ug/kg	58.1	2.0	1	05/03/23 12:15	05/04/23 08:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	225	21.3	1	05/04/23 10:10	05/04/23 18:03	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	13.1	ug/kg	6.0	2.4	1	04/27/23 10:37	04/27/23 18:11	83-32-9	
Acenaphthylene	18.8	ug/kg	6.0	2.3	1	04/27/23 10:37	04/27/23 18:11	208-96-8	
Anthracene	45.5	ug/kg	6.0	3.0	1	04/27/23 10:37	04/27/23 18:11	120-12-7	
Benzo(a)anthracene	228	ug/kg	6.0	1.7	1	04/27/23 10:37	04/27/23 18:11	56-55-3	
Benzo(a)pyrene	219	ug/kg	6.0	3.6	1	04/27/23 10:37	04/27/23 18:11	50-32-8	
Benzo(b)fluoranthene	273	ug/kg	6.0	3.3	1	04/27/23 10:37	04/27/23 18:11	205-99-2	
Benzo(g,h,i)perylene	131	ug/kg	6.0	3.6	1	04/27/23 10:37	04/27/23 18:11	191-24-2	
Benzo(k)fluoranthene	100	ug/kg	6.0	2.8	1	04/27/23 10:37	04/27/23 18:11	207-08-9	
Chrysene	221	ug/kg	6.0	4.1	1	04/27/23 10:37	04/27/23 18:11	218-01-9	
Dibenz(a,h)anthracene	37.1	ug/kg	6.0	2.9	1	04/27/23 10:37	04/27/23 18:11	53-70-3	
Fluoranthene	432	ug/kg	6.0	4.2	1	04/27/23 10:37	04/27/23 18:11	206-44-0	
Fluorene	11.8	ug/kg	6.0	2.4	1	04/27/23 10:37	04/27/23 18:11	86-73-7	
Indeno(1,2,3-cd)pyrene	116	ug/kg	6.0	3.1	1	04/27/23 10:37	04/27/23 18:11	193-39-5	
2-Methylnaphthalene	14.6	ug/kg	6.0	5.6	1	04/27/23 10:37	04/27/23 18:11	91-57-6	
Naphthalene	13.5	ug/kg	6.0	5.5	1	04/27/23 10:37	04/27/23 18:11	91-20-3	
Phenanthrene	196	ug/kg	6.0	4.3	1	04/27/23 10:37	04/27/23 18:11	85-01-8	
Pyrene	374	ug/kg	6.0	4.1	1	04/27/23 10:37	04/27/23 18:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	23-115		1	04/27/23 10:37	04/27/23 18:11	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	04/27/23 10:37	04/27/23 18:11	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.5	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-37 (0-2) **Lab ID: 50343165019** Collected: 04/25/23 11:47 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	4430	ug/kg	1060	180	1	05/03/23 10:40	05/04/23 12:55	7440-38-2	
Barium	52400	ug/kg	1060	197	1	05/03/23 10:40	05/04/23 12:55	7440-39-3	
Chromium	13600	ug/kg	1060	177	1	05/03/23 10:40	05/04/23 12:55	7440-47-3	
Copper	16400	ug/kg	1060	303	1	05/03/23 10:40	05/04/23 12:55	7440-50-8	
Lead	31600	ug/kg	1060	421	1	05/03/23 10:40	05/04/23 12:55	7439-92-1	
Zinc	60000	ug/kg	1060	595	1	05/03/23 10:40	05/04/23 12:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	368	ug/kg	58.2	25.5	1	05/03/23 12:15	05/04/23 08:12	7440-43-9	
Selenium	676	ug/kg	582	136	5	05/03/23 12:15	05/04/23 11:15	7782-49-2	
Silver	ND	ug/kg	58.2	2.0	1	05/03/23 12:15	05/04/23 08:12	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	227	21.6	1	05/04/23 10:10	05/04/23 18:06	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.7	2.3	1	04/27/23 10:37	04/27/23 18:24	83-32-9	
Acenaphthylene	ND	ug/kg	5.7	2.1	1	04/27/23 10:37	04/27/23 18:24	208-96-8	
Anthracene	13.1	ug/kg	5.7	2.9	1	04/27/23 10:37	04/27/23 18:24	120-12-7	
Benzo(a)anthracene	65.3	ug/kg	5.7	1.6	1	04/27/23 10:37	04/27/23 18:24	56-55-3	
Benzo(a)pyrene	60.3	ug/kg	5.7	3.4	1	04/27/23 10:37	04/27/23 18:24	50-32-8	
Benzo(b)fluoranthene	75.3	ug/kg	5.7	3.1	1	04/27/23 10:37	04/27/23 18:24	205-99-2	
Benzo(g,h,i)perylene	36.6	ug/kg	5.7	3.4	1	04/27/23 10:37	04/27/23 18:24	191-24-2	
Benzo(k)fluoranthene	27.8	ug/kg	5.7	2.6	1	04/27/23 10:37	04/27/23 18:24	207-08-9	
Chrysene	64.0	ug/kg	5.7	3.9	1	04/27/23 10:37	04/27/23 18:24	218-01-9	
Dibenz(a,h)anthracene	9.9	ug/kg	5.7	2.8	1	04/27/23 10:37	04/27/23 18:24	53-70-3	
Fluoranthene	121	ug/kg	5.7	4.0	1	04/27/23 10:37	04/27/23 18:24	206-44-0	
Fluorene	ND	ug/kg	5.7	2.3	1	04/27/23 10:37	04/27/23 18:24	86-73-7	
Indeno(1,2,3-cd)pyrene	32.3	ug/kg	5.7	2.9	1	04/27/23 10:37	04/27/23 18:24	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.7	5.4	1	04/27/23 10:37	04/27/23 18:24	91-57-6	
Naphthalene	ND	ug/kg	5.7	5.2	1	04/27/23 10:37	04/27/23 18:24	91-20-3	
Phenanthrene	51.4	ug/kg	5.7	4.1	1	04/27/23 10:37	04/27/23 18:24	85-01-8	
Pyrene	106	ug/kg	5.7	3.9	1	04/27/23 10:37	04/27/23 18:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		1	04/27/23 10:37	04/27/23 18:24	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		1	04/27/23 10:37	04/27/23 18:24	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.6	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-38 (0-2) **Lab ID: 50343165020** Collected: 04/25/23 11:53 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8210	ug/kg	1110	189	1	05/03/23 10:40	05/04/23 12:58	7440-38-2	
Barium	257000	ug/kg	1110	206	1	05/03/23 10:40	05/04/23 12:58	7440-39-3	
Chromium	27400	ug/kg	1110	185	1	05/03/23 10:40	05/04/23 12:58	7440-47-3	
Copper	129000	ug/kg	1110	318	1	05/03/23 10:40	05/04/23 12:58	7440-50-8	
Lead	223000	ug/kg	1110	441	1	05/03/23 10:40	05/04/23 12:58	7439-92-1	
Zinc	303000	ug/kg	1110	625	1	05/03/23 10:40	05/04/23 12:58	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4790	ug/kg	55.5	24.3	1	05/03/23 12:15	05/04/23 08:16	7440-43-9	
Selenium	928	ug/kg	555	129	5	05/03/23 12:15	05/04/23 11:19	7782-49-2	
Silver	138	ug/kg	55.5	1.9	1	05/03/23 12:15	05/04/23 08:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	346	ug/kg	215	20.5	1	05/04/23 10:10	05/04/23 18:08	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	121	ug/kg	28.3	11.4	5	04/27/23 10:37	04/27/23 18:37	83-32-9	
Acenaphthylene	68.1	ug/kg	28.3	10.7	5	04/27/23 10:37	04/27/23 18:37	208-96-8	
Anthracene	351	ug/kg	28.3	14.2	5	04/27/23 10:37	04/27/23 18:37	120-12-7	
Benzo(a)anthracene	1230	ug/kg	28.3	8.1	5	04/27/23 10:37	04/27/23 18:37	56-55-3	
Benzo(a)pyrene	1070	ug/kg	28.3	16.9	5	04/27/23 10:37	04/27/23 18:37	50-32-8	
Benzo(b)fluoranthene	1350	ug/kg	28.3	15.6	5	04/27/23 10:37	04/27/23 18:37	205-99-2	
Benzo(g,h,i)perylene	605	ug/kg	28.3	16.8	5	04/27/23 10:37	04/27/23 18:37	191-24-2	
Benzo(k)fluoranthene	475	ug/kg	28.3	13.1	5	04/27/23 10:37	04/27/23 18:37	207-08-9	
Chrysene	1130	ug/kg	28.3	19.5	5	04/27/23 10:37	04/27/23 18:37	218-01-9	
Dibenz(a,h)anthracene	180	ug/kg	28.3	13.9	5	04/27/23 10:37	04/27/23 18:37	53-70-3	
Fluoranthene	2290	ug/kg	28.3	19.7	5	04/27/23 10:37	04/27/23 18:37	206-44-0	
Fluorene	115	ug/kg	28.3	11.2	5	04/27/23 10:37	04/27/23 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	545	ug/kg	28.3	14.4	5	04/27/23 10:37	04/27/23 18:37	193-39-5	
2-Methylnaphthalene	79.2	ug/kg	28.3	26.6	5	04/27/23 10:37	04/27/23 18:37	91-57-6	
Naphthalene	126	ug/kg	28.3	26.1	5	04/27/23 10:37	04/27/23 18:37	91-20-3	ED
Phenanthrene	1270	ug/kg	28.3	20.4	5	04/27/23 10:37	04/27/23 18:37	85-01-8	
Pyrene	2090	ug/kg	28.3	19.5	5	04/27/23 10:37	04/27/23 18:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		5	04/27/23 10:37	04/27/23 18:37	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		5	04/27/23 10:37	04/27/23 18:37	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/03/23 17:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-39 (0-2) **Lab ID: 50343165021** Collected: 04/25/23 12:02 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7860	ug/kg	1120	190	1	05/03/23 10:40	05/04/23 13:00	7440-38-2	
Barium	137000	ug/kg	1120	208	1	05/03/23 10:40	05/04/23 13:00	7440-39-3	
Chromium	20600	ug/kg	1120	187	1	05/03/23 10:40	05/04/23 13:00	7440-47-3	
Copper	83000	ug/kg	1120	321	1	05/03/23 10:40	05/04/23 13:00	7440-50-8	
Lead	207000	ug/kg	1120	445	1	05/03/23 10:40	05/04/23 13:00	7439-92-1	
Zinc	208000	ug/kg	1120	629	1	05/03/23 10:40	05/04/23 13:00	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2510	ug/kg	55.8	25.4	1	04/28/23 08:30	05/03/23 22:54	7440-43-9	
Selenium	3570	ug/kg	558	157	5	04/28/23 08:30	05/03/23 20:17	7782-49-2	
Silver	135	ug/kg	55.8	2.5	1	04/28/23 08:30	05/03/23 22:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	278	ug/kg	229	21.7	1	05/04/23 10:10	05/04/23 18:10	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	51.7	ug/kg	27.3	11.0	5	04/27/23 10:37	04/27/23 18:50	83-32-9	
Acenaphthylene	114	ug/kg	27.3	10.3	5	04/27/23 10:37	04/27/23 18:50	208-96-8	
Anthracene	204	ug/kg	27.3	13.7	5	04/27/23 10:37	04/27/23 18:50	120-12-7	
Benzo(a)anthracene	991	ug/kg	27.3	7.8	5	04/27/23 10:37	04/27/23 18:50	56-55-3	
Benzo(a)pyrene	937	ug/kg	27.3	16.3	5	04/27/23 10:37	04/27/23 18:50	50-32-8	
Benzo(b)fluoranthene	1200	ug/kg	27.3	15.0	5	04/27/23 10:37	04/27/23 18:50	205-99-2	
Benzo(g,h,i)perylene	553	ug/kg	27.3	16.2	5	04/27/23 10:37	04/27/23 18:50	191-24-2	
Benzo(k)fluoranthene	438	ug/kg	27.3	12.6	5	04/27/23 10:37	04/27/23 18:50	207-08-9	
Chrysene	911	ug/kg	27.3	18.8	5	04/27/23 10:37	04/27/23 18:50	218-01-9	
Dibenz(a,h)anthracene	152	ug/kg	27.3	13.4	5	04/27/23 10:37	04/27/23 18:50	53-70-3	
Fluoranthene	1800	ug/kg	27.3	19.0	5	04/27/23 10:37	04/27/23 18:50	206-44-0	
Fluorene	51.4	ug/kg	27.3	10.8	5	04/27/23 10:37	04/27/23 18:50	86-73-7	
Indeno(1,2,3-cd)pyrene	503	ug/kg	27.3	13.9	5	04/27/23 10:37	04/27/23 18:50	193-39-5	
2-Methylnaphthalene	80.3	ug/kg	27.3	25.7	5	04/27/23 10:37	04/27/23 18:50	91-57-6	
Naphthalene	80.1	ug/kg	27.3	25.1	5	04/27/23 10:37	04/27/23 18:50	91-20-3	ED
Phenanthrene	763	ug/kg	27.3	19.7	5	04/27/23 10:37	04/27/23 18:50	85-01-8	
Pyrene	1540	ug/kg	27.3	18.8	5	04/27/23 10:37	04/27/23 18:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	91	%	23-115		5	04/27/23 10:37	04/27/23 18:50	321-60-8	
p-Terphenyl-d14 (S)	90	%	19-136		5	04/27/23 10:37	04/27/23 18:50	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/03/23 17:33		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-40 (0-2) **Lab ID: 50343165022** Collected: 04/25/23 12:10 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8540	ug/kg	1030	175	1	05/03/23 10:40	05/04/23 13:02	7440-38-2	
Barium	96500	ug/kg	1030	192	1	05/03/23 10:40	05/04/23 13:02	7440-39-3	
Chromium	44700	ug/kg	1030	172	1	05/03/23 10:40	05/04/23 13:02	7440-47-3	
Copper	55800	ug/kg	1030	296	1	05/03/23 10:40	05/04/23 13:02	7440-50-8	
Lead	131000	ug/kg	1030	410	1	05/03/23 10:40	05/04/23 13:02	7439-92-1	
Zinc	154000	ug/kg	1030	580	1	05/03/23 10:40	05/04/23 13:02	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	924	ug/kg	55.2	25.0	1	04/28/23 08:30	05/03/23 23:22	7440-43-9	
Selenium	3490	ug/kg	552	156	5	04/28/23 08:30	05/03/23 21:52	7782-49-2	
Silver	112	ug/kg	55.2	2.4	1	04/28/23 08:30	05/03/23 23:22	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	221	ug/kg	214	20.3	1	05/04/23 10:10	05/04/23 18:13	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	39.0	ug/kg	5.4	2.2	1	04/27/23 11:31	04/27/23 15:37	83-32-9	
Acenaphthylene	53.8	ug/kg	5.4	2.1	1	04/27/23 11:31	04/27/23 15:37	208-96-8	
Anthracene	158	ug/kg	5.4	2.7	1	04/27/23 11:31	04/27/23 15:37	120-12-7	
Benzo(a)anthracene	614	ug/kg	5.4	1.5	1	04/27/23 11:31	04/27/23 15:37	56-55-3	
Benzo(a)pyrene	612	ug/kg	5.4	3.2	1	04/27/23 11:31	04/27/23 15:37	50-32-8	
Benzo(b)fluoranthene	817	ug/kg	5.4	3.0	1	04/27/23 11:31	04/27/23 15:37	205-99-2	
Benzo(g,h,i)perylene	413	ug/kg	5.4	3.2	1	04/27/23 11:31	04/27/23 15:37	191-24-2	
Benzo(k)fluoranthene	271	ug/kg	5.4	2.5	1	04/27/23 11:31	04/27/23 15:37	207-08-9	
Chrysene	660	ug/kg	5.4	3.7	1	04/27/23 11:31	04/27/23 15:37	218-01-9	
Dibenz(a,h)anthracene	127	ug/kg	5.4	2.7	1	04/27/23 11:31	04/27/23 15:37	53-70-3	
Fluoranthene	1220	ug/kg	5.4	3.8	1	04/27/23 11:31	04/27/23 15:37	206-44-0	
Fluorene	42.8	ug/kg	5.4	2.2	1	04/27/23 11:31	04/27/23 15:37	86-73-7	
Indeno(1,2,3-cd)pyrene	382	ug/kg	5.4	2.8	1	04/27/23 11:31	04/27/23 15:37	193-39-5	
2-Methylnaphthalene	77.7	ug/kg	5.4	5.1	1	04/27/23 11:31	04/27/23 15:37	91-57-6	
Naphthalene	69.5	ug/kg	5.4	5.0	1	04/27/23 11:31	04/27/23 15:37	91-20-3	
Phenanthrene	604	ug/kg	5.4	3.9	1	04/27/23 11:31	04/27/23 15:37	85-01-8	
Pyrene	1140	ug/kg	5.4	3.7	1	04/27/23 11:31	04/27/23 15:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/27/23 11:31	04/27/23 15:37	321-60-8	
p-Terphenyl-d14 (S)	81	%	19-136		1	04/27/23 11:31	04/27/23 15:37	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.0	%	0.10	0.10	1		05/03/23 17:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-41 (0-2) **Lab ID: 50343165023** Collected: 04/25/23 12:16 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6720	ug/kg	1200	203	1	05/03/23 10:40	05/04/23 13:04	7440-38-2	
Barium	101000	ug/kg	1200	223	1	05/03/23 10:40	05/04/23 13:04	7440-39-3	
Chromium	15100	ug/kg	1200	200	1	05/03/23 10:40	05/04/23 13:04	7440-47-3	
Copper	48700	ug/kg	1200	343	1	05/03/23 10:40	05/04/23 13:04	7440-50-8	
Lead	96700	ug/kg	1200	476	1	05/03/23 10:40	05/04/23 13:04	7439-92-1	
Zinc	118000	ug/kg	1200	674	1	05/03/23 10:40	05/04/23 13:04	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	779	ug/kg	60.6	27.5	1	04/28/23 08:30	05/03/23 23:26	7440-43-9	
Selenium	3400	ug/kg	606	171	5	04/28/23 08:30	05/03/23 21:56	7782-49-2	
Silver	87.5	ug/kg	60.6	2.7	1	04/28/23 08:30	05/03/23 23:26	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	234	22.3	1	05/04/23 10:10	05/04/23 18:15	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	21.6	ug/kg	6.0	2.4	1	04/27/23 11:31	04/27/23 15:52	83-32-9	
Acenaphthylene	28.5	ug/kg	6.0	2.3	1	04/27/23 11:31	04/27/23 15:52	208-96-8	
Anthracene	88.3	ug/kg	6.0	3.0	1	04/27/23 11:31	04/27/23 15:52	120-12-7	
Benzo(a)anthracene	375	ug/kg	6.0	1.7	1	04/27/23 11:31	04/27/23 15:52	56-55-3	
Benzo(a)pyrene	393	ug/kg	6.0	3.6	1	04/27/23 11:31	04/27/23 15:52	50-32-8	
Benzo(b)fluoranthene	560	ug/kg	6.0	3.3	1	04/27/23 11:31	04/27/23 15:52	205-99-2	
Benzo(g,h,i)perylene	273	ug/kg	6.0	3.6	1	04/27/23 11:31	04/27/23 15:52	191-24-2	
Benzo(k)fluoranthene	180	ug/kg	6.0	2.8	1	04/27/23 11:31	04/27/23 15:52	207-08-9	
Chrysene	421	ug/kg	6.0	4.1	1	04/27/23 11:31	04/27/23 15:52	218-01-9	
Dibenz(a,h)anthracene	85.7	ug/kg	6.0	2.9	1	04/27/23 11:31	04/27/23 15:52	53-70-3	
Fluoranthene	751	ug/kg	6.0	4.2	1	04/27/23 11:31	04/27/23 15:52	206-44-0	
Fluorene	21.2	ug/kg	6.0	2.4	1	04/27/23 11:31	04/27/23 15:52	86-73-7	
Indeno(1,2,3-cd)pyrene	253	ug/kg	6.0	3.1	1	04/27/23 11:31	04/27/23 15:52	193-39-5	
2-Methylnaphthalene	81.9	ug/kg	6.0	5.6	1	04/27/23 11:31	04/27/23 15:52	91-57-6	
Naphthalene	63.6	ug/kg	6.0	5.5	1	04/27/23 11:31	04/27/23 15:52	91-20-3	
Phenanthrene	340	ug/kg	6.0	4.3	1	04/27/23 11:31	04/27/23 15:52	85-01-8	
Pyrene	654	ug/kg	6.0	4.1	1	04/27/23 11:31	04/27/23 15:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/27/23 11:31	04/27/23 15:52	321-60-8	
p-Terphenyl-d14 (S)	83	%	19-136		1	04/27/23 11:31	04/27/23 15:52	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	18.2	%	0.10	0.10	1		05/03/23 17:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-42 (0-2) **Lab ID: 50343165024** Collected: 04/25/23 12:21 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11200	ug/kg	1260	215	1	05/03/23 10:40	05/04/23 13:07	7440-38-2	
Barium	73800	ug/kg	1260	235	1	05/03/23 10:40	05/04/23 13:07	7440-39-3	
Chromium	19600	ug/kg	1260	211	1	05/03/23 10:40	05/04/23 13:07	7440-47-3	
Copper	28500	ug/kg	1260	362	1	05/03/23 10:40	05/04/23 13:07	7440-50-8	
Lead	61600	ug/kg	1260	502	1	05/03/23 10:40	05/04/23 13:07	7439-92-1	
Zinc	109000	ug/kg	1260	711	1	05/03/23 10:40	05/04/23 13:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	496	ug/kg	65.6	29.8	1	04/28/23 08:30	05/03/23 23:30	7440-43-9	
Selenium	2170	ug/kg	131	37.0	1	04/28/23 08:30	05/03/23 23:30	7782-49-2	
Silver	96.1	ug/kg	65.6	2.9	1	04/28/23 08:30	05/03/23 23:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	268	25.5	1	05/04/23 10:10	05/04/23 18:18	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	49.3	ug/kg	6.6	2.7	1	05/03/23 16:46	05/04/23 09:58	83-32-9	
Acenaphthylene	ND	ug/kg	6.6	2.5	1	05/03/23 16:46	05/04/23 09:58	208-96-8	
Anthracene	48.2	ug/kg	6.6	3.3	1	05/03/23 16:46	05/04/23 09:58	120-12-7	
Benzo(a)anthracene	71.6	ug/kg	6.6	1.9	1	05/03/23 16:46	05/04/23 09:58	56-55-3	
Benzo(a)pyrene	61.3	ug/kg	6.6	3.9	1	05/03/23 16:46	05/04/23 09:58	50-32-8	
Benzo(b)fluoranthene	80.8	ug/kg	6.6	3.6	1	05/03/23 16:46	05/04/23 09:58	205-99-2	
Benzo(g,h,i)perylene	35.8	ug/kg	6.6	3.9	1	05/03/23 16:46	05/04/23 09:58	191-24-2	
Benzo(k)fluoranthene	26.6	ug/kg	6.6	3.1	1	05/03/23 16:46	05/04/23 09:58	207-08-9	
Chrysene	70.7	ug/kg	6.6	4.6	1	05/03/23 16:46	05/04/23 09:58	218-01-9	
Dibenz(a,h)anthracene	10.5	ug/kg	6.6	3.3	1	05/03/23 16:46	05/04/23 09:58	53-70-3	
Fluoranthene	185	ug/kg	6.6	4.6	1	05/03/23 16:46	05/04/23 09:58	206-44-0	
Fluorene	28.7	ug/kg	6.6	2.6	1	05/03/23 16:46	05/04/23 09:58	86-73-7	
Indeno(1,2,3-cd)pyrene	32.8	ug/kg	6.6	3.4	1	05/03/23 16:46	05/04/23 09:58	193-39-5	
2-Methylnaphthalene	19.1	ug/kg	6.6	6.2	1	05/03/23 16:46	05/04/23 09:58	91-57-6	
Naphthalene	26.4	ug/kg	6.6	6.1	1	05/03/23 16:46	05/04/23 09:58	91-20-3	
Phenanthrene	176	ug/kg	6.6	4.8	1	05/03/23 16:46	05/04/23 09:58	85-01-8	
Pyrene	144	ug/kg	6.6	4.5	1	05/03/23 16:46	05/04/23 09:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	15	%	23-115		1	05/03/23 16:46	05/04/23 09:58	321-60-8	S8
p-Terphenyl-d14 (S)	4	%	19-136		1	05/03/23 16:46	05/04/23 09:58	1718-51-0	S8
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	27.9	%	0.10	0.10	1		05/03/23 17:36		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-43 (0-2) **Lab ID: 50343165025** Collected: 04/25/23 12:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5930	ug/kg	1040	178	1	05/03/23 10:40	05/04/23 13:09	7440-38-2	
Barium	50700	ug/kg	1040	194	1	05/03/23 10:40	05/04/23 13:09	7440-39-3	
Chromium	10900	ug/kg	1040	174	1	05/03/23 10:40	05/04/23 13:09	7440-47-3	
Copper	14800	ug/kg	1040	300	1	05/03/23 10:40	05/04/23 13:09	7440-50-8	
Lead	28200	ug/kg	1040	416	1	05/03/23 10:40	05/04/23 13:09	7439-92-1	
Zinc	54800	ug/kg	1040	588	1	05/03/23 10:40	05/04/23 13:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	418	ug/kg	55.4	25.2	1	04/28/23 08:30	05/03/23 23:42	7440-43-9	
Selenium	3040	ug/kg	554	156	5	04/28/23 08:30	05/03/23 22:05	7782-49-2	
Silver	ND	ug/kg	55.4	2.5	1	04/28/23 08:30	05/03/23 23:42	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	224	21.3	1	05/04/23 10:10	05/04/23 18:20	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	19.8	ug/kg	5.5	2.2	1	04/27/23 11:31	04/27/23 16:21	83-32-9	
Acenaphthylene	20.7	ug/kg	5.5	2.1	1	04/27/23 11:31	04/27/23 16:21	208-96-8	
Anthracene	60.2	ug/kg	5.5	2.7	1	04/27/23 11:31	04/27/23 16:21	120-12-7	
Benzo(a)anthracene	192	ug/kg	5.5	1.5	1	04/27/23 11:31	04/27/23 16:21	56-55-3	
Benzo(a)pyrene	202	ug/kg	5.5	3.2	1	04/27/23 11:31	04/27/23 16:21	50-32-8	
Benzo(b)fluoranthene	266	ug/kg	5.5	3.0	1	04/27/23 11:31	04/27/23 16:21	205-99-2	
Benzo(g,h,i)perylene	129	ug/kg	5.5	3.2	1	04/27/23 11:31	04/27/23 16:21	191-24-2	
Benzo(k)fluoranthene	101	ug/kg	5.5	2.5	1	04/27/23 11:31	04/27/23 16:21	207-08-9	
Chrysene	210	ug/kg	5.5	3.7	1	04/27/23 11:31	04/27/23 16:21	218-01-9	
Dibenz(a,h)anthracene	39.3	ug/kg	5.5	2.7	1	04/27/23 11:31	04/27/23 16:21	53-70-3	
Fluoranthene	432	ug/kg	5.5	3.8	1	04/27/23 11:31	04/27/23 16:21	206-44-0	
Fluorene	29.1	ug/kg	5.5	2.2	1	04/27/23 11:31	04/27/23 16:21	86-73-7	
Indeno(1,2,3-cd)pyrene	126	ug/kg	5.5	2.8	1	04/27/23 11:31	04/27/23 16:21	193-39-5	
2-Methylnaphthalene	12.9	ug/kg	5.5	5.1	1	04/27/23 11:31	04/27/23 16:21	91-57-6	
Naphthalene	15.9	ug/kg	5.5	5.0	1	04/27/23 11:31	04/27/23 16:21	91-20-3	
Phenanthrene	240	ug/kg	5.5	3.9	1	04/27/23 11:31	04/27/23 16:21	85-01-8	
Pyrene	339	ug/kg	5.5	3.7	1	04/27/23 11:31	04/27/23 16:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	23-115		1	04/27/23 11:31	04/27/23 16:21	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	04/27/23 11:31	04/27/23 16:21	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/03/23 17:36		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: **SB-44 (0-2)** Lab ID: **50343165026** Collected: 04/25/23 12:33 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7050	ug/kg	1010	171	1	05/03/23 10:40	05/04/23 13:11	7440-38-2	
Barium	46400	ug/kg	1010	187	1	05/03/23 10:40	05/04/23 13:11	7440-39-3	
Chromium	12000	ug/kg	1010	168	1	05/03/23 10:40	05/04/23 13:11	7440-47-3	
Copper	13400	ug/kg	1010	289	1	05/03/23 10:40	05/04/23 13:11	7440-50-8	
Lead	14500	ug/kg	1010	401	1	05/03/23 10:40	05/04/23 13:11	7439-92-1	
Zinc	76800	ug/kg	1010	568	1	05/03/23 10:40	05/04/23 13:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	241	ug/kg	56.6	25.7	1	04/28/23 08:30	05/03/23 23:46	7440-43-9	
Selenium	2980	ug/kg	566	160	5	04/28/23 08:30	05/03/23 22:09	7782-49-2	
Silver	ND	ug/kg	56.6	2.5	1	04/28/23 08:30	05/03/23 23:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	247	23.5	1	05/04/23 10:10	05/04/23 18:30	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	131	ug/kg	5.7	2.3	1	04/27/23 11:31	04/27/23 16:35	83-32-9	
Acenaphthylene	249	ug/kg	5.7	2.2	1	04/27/23 11:31	04/27/23 16:35	208-96-8	
Anthracene	586	ug/kg	5.7	2.9	1	04/27/23 11:31	04/27/23 16:35	120-12-7	
Benzo(a)anthracene	1250	ug/kg	5.7	1.6	1	04/27/23 11:31	04/27/23 16:35	56-55-3	
Benzo(a)pyrene	1090	ug/kg	5.7	3.4	1	04/27/23 11:31	04/27/23 16:35	50-32-8	
Benzo(b)fluoranthene	1450	ug/kg	5.7	3.1	1	04/27/23 11:31	04/27/23 16:35	205-99-2	
Benzo(g,h,i)perylene	625	ug/kg	5.7	3.4	1	04/27/23 11:31	04/27/23 16:35	191-24-2	
Benzo(k)fluoranthene	577	ug/kg	5.7	2.6	1	04/27/23 11:31	04/27/23 16:35	207-08-9	
Chrysene	1250	ug/kg	5.7	3.9	1	04/27/23 11:31	04/27/23 16:35	218-01-9	
Dibenz(a,h)anthracene	208	ug/kg	5.7	2.8	1	04/27/23 11:31	04/27/23 16:35	53-70-3	
Fluoranthene	3430	ug/kg	5.7	4.0	1	04/27/23 11:31	04/27/23 16:35	206-44-0	
Fluorene	516	ug/kg	5.7	2.3	1	04/27/23 11:31	04/27/23 16:35	86-73-7	
Indeno(1,2,3-cd)pyrene	645	ug/kg	5.7	2.9	1	04/27/23 11:31	04/27/23 16:35	193-39-5	
2-Methylnaphthalene	103	ug/kg	5.7	5.4	1	04/27/23 11:31	04/27/23 16:35	91-57-6	
Naphthalene	195	ug/kg	5.7	5.3	1	04/27/23 11:31	04/27/23 16:35	91-20-3	
Phenanthrene	3240	ug/kg	5.7	4.1	1	04/27/23 11:31	04/27/23 16:35	85-01-8	
Pyrene	2470	ug/kg	5.7	3.9	1	04/27/23 11:31	04/27/23 16:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	04/27/23 11:31	04/27/23 16:35	321-60-8	
p-Terphenyl-d14 (S)	89	%	19-136		1	04/27/23 11:31	04/27/23 16:35	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/03/23 17:37		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: SB-45 (0-2) **Lab ID: 50343165027** Collected: 04/25/23 13:30 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3050	ug/kg	973	165	1	05/03/23 10:40	05/04/23 13:14	7440-38-2	
Barium	19700	ug/kg	973	181	1	05/03/23 10:40	05/04/23 13:14	7440-39-3	
Chromium	8880	ug/kg	973	163	1	05/03/23 10:40	05/04/23 13:14	7440-47-3	
Copper	7110	ug/kg	973	279	1	05/03/23 10:40	05/04/23 13:14	7440-50-8	
Lead	9810	ug/kg	973	387	1	05/03/23 10:40	05/04/23 13:14	7439-92-1	
Zinc	25800	ug/kg	973	548	1	05/03/23 10:40	05/04/23 13:14	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	129	ug/kg	52.1	23.6	1	04/28/23 08:30	05/03/23 23:50	7440-43-9	
Selenium	1540	ug/kg	104	29.4	1	04/28/23 08:30	05/03/23 23:50	7782-49-2	
Silver	ND	ug/kg	52.1	2.3	1	04/28/23 08:30	05/03/23 23:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	218	20.7	1	05/04/23 10:10	05/04/23 18:32	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	20.1	ug/kg	5.2	2.1	1	04/27/23 11:31	04/27/23 16:49	83-32-9	
Acenaphthylene	42.4	ug/kg	5.2	2.0	1	04/27/23 11:31	04/27/23 16:49	208-96-8	
Anthracene	90.8	ug/kg	5.2	2.6	1	04/27/23 11:31	04/27/23 16:49	120-12-7	
Benzo(a)anthracene	317	ug/kg	5.2	1.5	1	04/27/23 11:31	04/27/23 16:49	56-55-3	
Benzo(a)pyrene	340	ug/kg	5.2	3.1	1	04/27/23 11:31	04/27/23 16:49	50-32-8	
Benzo(b)fluoranthene	460	ug/kg	5.2	2.9	1	04/27/23 11:31	04/27/23 16:49	205-99-2	
Benzo(g,h,i)perylene	224	ug/kg	5.2	3.1	1	04/27/23 11:31	04/27/23 16:49	191-24-2	
Benzo(k)fluoranthene	161	ug/kg	5.2	2.4	1	04/27/23 11:31	04/27/23 16:49	207-08-9	
Chrysene	360	ug/kg	5.2	3.6	1	04/27/23 11:31	04/27/23 16:49	218-01-9	
Dibenz(a,h)anthracene	57.4	ug/kg	5.2	2.6	1	04/27/23 11:31	04/27/23 16:49	53-70-3	
Fluoranthene	719	ug/kg	5.2	3.6	1	04/27/23 11:31	04/27/23 16:49	206-44-0	
Fluorene	44.7	ug/kg	5.2	2.1	1	04/27/23 11:31	04/27/23 16:49	86-73-7	
Indeno(1,2,3-cd)pyrene	218	ug/kg	5.2	2.7	1	04/27/23 11:31	04/27/23 16:49	193-39-5	
2-Methylnaphthalene	9.5	ug/kg	5.2	4.9	1	04/27/23 11:31	04/27/23 16:49	91-57-6	
Naphthalene	16.1	ug/kg	5.2	4.8	1	04/27/23 11:31	04/27/23 16:49	91-20-3	
Phenanthrene	384	ug/kg	5.2	3.8	1	04/27/23 11:31	04/27/23 16:49	85-01-8	
Pyrene	559	ug/kg	5.2	3.6	1	04/27/23 11:31	04/27/23 16:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	23-115		1	04/27/23 11:31	04/27/23 16:49	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		1	04/27/23 11:31	04/27/23 16:49	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	7.6	%	0.10	0.10	1		05/03/23 17:37		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-46 (0-2) **Lab ID: 50343165028** Collected: 04/25/23 13:34 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7890	ug/kg	994	169	1	05/03/23 10:40	05/04/23 13:16	7440-38-2	
Barium	467000	ug/kg	994	185	1	05/03/23 10:40	05/04/23 13:16	7440-39-3	
Chromium	166000	ug/kg	994	166	1	05/03/23 10:40	05/04/23 13:16	7440-47-3	
Copper	126000	ug/kg	994	285	1	05/03/23 10:40	05/04/23 13:16	7440-50-8	
Lead	175000	ug/kg	994	395	1	05/03/23 10:40	05/04/23 13:16	7439-92-1	
Zinc	314000	ug/kg	994	559	1	05/03/23 10:40	05/04/23 13:16	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	981	ug/kg	56.8	25.8	1	04/28/23 08:30	05/03/23 23:54	7440-43-9	
Selenium	3110	ug/kg	568	160	5	04/28/23 08:30	05/03/23 22:26	7782-49-2	
Silver	105	ug/kg	56.8	2.5	1	04/28/23 08:30	05/03/23 23:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	358	ug/kg	223	21.1	1	05/04/23 10:10	05/04/23 18:35	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	514	ug/kg	28.5	11.4	5	04/27/23 11:31	04/27/23 17:04	83-32-9	
Acenaphthylene	295	ug/kg	28.5	10.7	5	04/27/23 11:31	04/27/23 17:04	208-96-8	
Anthracene	1910	ug/kg	28.5	14.3	5	04/27/23 11:31	04/27/23 17:04	120-12-7	
Benzo(a)anthracene	4540	ug/kg	28.5	8.1	5	04/27/23 11:31	04/27/23 17:04	56-55-3	
Benzo(a)pyrene	4030	ug/kg	28.5	16.9	5	04/27/23 11:31	04/27/23 17:04	50-32-8	
Benzo(b)fluoranthene	5210	ug/kg	28.5	15.7	5	04/27/23 11:31	04/27/23 17:04	205-99-2	
Benzo(g,h,i)perylene	2520	ug/kg	28.5	16.9	5	04/27/23 11:31	04/27/23 17:04	191-24-2	
Benzo(k)fluoranthene	1900	ug/kg	28.5	13.2	5	04/27/23 11:31	04/27/23 17:04	207-08-9	
Chrysene	4330	ug/kg	28.5	19.6	5	04/27/23 11:31	04/27/23 17:04	218-01-9	
Dibenz(a,h)anthracene	825	ug/kg	28.5	14.0	5	04/27/23 11:31	04/27/23 17:04	53-70-3	
Fluoranthene	9770	ug/kg	28.5	19.8	5	04/27/23 11:31	04/27/23 17:04	206-44-0	
Fluorene	770	ug/kg	28.5	11.2	5	04/27/23 11:31	04/27/23 17:04	86-73-7	
Indeno(1,2,3-cd)pyrene	2430	ug/kg	28.5	14.5	5	04/27/23 11:31	04/27/23 17:04	193-39-5	
2-Methylnaphthalene	269	ug/kg	28.5	26.8	5	04/27/23 11:31	04/27/23 17:04	91-57-6	
Naphthalene	338	ug/kg	28.5	26.2	5	04/27/23 11:31	04/27/23 17:04	91-20-3	ED
Phenanthrene	7270	ug/kg	28.5	20.5	5	04/27/23 11:31	04/27/23 17:04	85-01-8	
Pyrene	7990	ug/kg	28.5	19.5	5	04/27/23 11:31	04/27/23 17:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	23-115		5	04/27/23 11:31	04/27/23 17:04	321-60-8	
p-Terphenyl-d14 (S)	64	%	19-136		5	04/27/23 11:31	04/27/23 17:04	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.2	%	0.10	0.10	1		05/03/23 17:37		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-47 (0-2) **Lab ID: 50343165029** Collected: 04/25/23 13:40 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5490	ug/kg	1070	182	1	05/03/23 10:40	05/04/23 13:23	7440-38-2	
Barium	82200	ug/kg	1070	199	1	05/03/23 10:40	05/04/23 13:23	7440-39-3	
Chromium	50300	ug/kg	1070	179	1	05/03/23 10:40	05/04/23 13:23	7440-47-3	
Copper	36000	ug/kg	1070	308	1	05/03/23 10:40	05/04/23 13:23	7440-50-8	
Lead	114000	ug/kg	1070	427	1	05/03/23 10:40	05/04/23 13:23	7439-92-1	
Zinc	114000	ug/kg	1070	604	1	05/03/23 10:40	05/04/23 13:23	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	798	ug/kg	55.9	25.4	1	04/28/23 08:30	05/04/23 00:06	7440-43-9	
Selenium	2710	ug/kg	559	158	5	04/28/23 08:30	05/03/23 22:30	7782-49-2	
Silver	73.4	ug/kg	55.9	2.5	1	04/28/23 08:30	05/04/23 00:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	234	22.2	1	05/04/23 10:10	05/04/23 18:37	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	27.4	11.0	5	04/27/23 11:31	04/27/23 17:18	83-32-9	
Acenaphthylene	ND	ug/kg	27.4	10.3	5	04/27/23 11:31	04/27/23 17:18	208-96-8	
Anthracene	212	ug/kg	27.4	13.7	5	04/27/23 11:31	04/27/23 17:18	120-12-7	
Benzo(a)anthracene	729	ug/kg	27.4	7.8	5	04/27/23 11:31	04/27/23 17:18	56-55-3	
Benzo(a)pyrene	693	ug/kg	27.4	16.3	5	04/27/23 11:31	04/27/23 17:18	50-32-8	
Benzo(b)fluoranthene	875	ug/kg	27.4	15.1	5	04/27/23 11:31	04/27/23 17:18	205-99-2	
Benzo(g,h,i)perylene	433	ug/kg	27.4	16.3	5	04/27/23 11:31	04/27/23 17:18	191-24-2	
Benzo(k)fluoranthene	335	ug/kg	27.4	12.7	5	04/27/23 11:31	04/27/23 17:18	207-08-9	
Chrysene	715	ug/kg	27.4	18.8	5	04/27/23 11:31	04/27/23 17:18	218-01-9	
Dibenz(a,h)anthracene	132	ug/kg	27.4	13.5	5	04/27/23 11:31	04/27/23 17:18	53-70-3	
Fluoranthene	1530	ug/kg	27.4	19.1	5	04/27/23 11:31	04/27/23 17:18	206-44-0	
Fluorene	55.1	ug/kg	27.4	10.8	5	04/27/23 11:31	04/27/23 17:18	86-73-7	
Indeno(1,2,3-cd)pyrene	416	ug/kg	27.4	14.0	5	04/27/23 11:31	04/27/23 17:18	193-39-5	
2-Methylnaphthalene	54.9	ug/kg	27.4	25.8	5	04/27/23 11:31	04/27/23 17:18	91-57-6	
Naphthalene	51.1	ug/kg	27.4	25.2	5	04/27/23 11:31	04/27/23 17:18	91-20-3	ED
Phenanthrene	728	ug/kg	27.4	19.7	5	04/27/23 11:31	04/27/23 17:18	85-01-8	
Pyrene	1320	ug/kg	27.4	18.8	5	04/27/23 11:31	04/27/23 17:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		5	04/27/23 11:31	04/27/23 17:18	321-60-8	
p-Terphenyl-d14 (S)	72	%	19-136		5	04/27/23 11:31	04/27/23 17:18	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		05/03/23 17:37		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: SB-48 (0-2) **Lab ID: 50343165030** Collected: 04/25/23 13:45 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6110	ug/kg	994	169	1	05/03/23 10:40	05/04/23 13:26	7440-38-2	
Barium	70200	ug/kg	994	185	1	05/03/23 10:40	05/04/23 13:26	7440-39-3	
Chromium	16700	ug/kg	994	166	1	05/03/23 10:40	05/04/23 13:26	7440-47-3	
Copper	40300	ug/kg	994	285	1	05/03/23 10:40	05/04/23 13:26	7440-50-8	
Lead	167000	ug/kg	994	395	1	05/03/23 10:40	05/04/23 13:26	7439-92-1	
Zinc	120000	ug/kg	994	559	1	05/03/23 10:40	05/04/23 13:26	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1030	ug/kg	57.1	25.9	1	04/28/23 08:30	05/04/23 00:10	7440-43-9	
Selenium	2010	ug/kg	114	32.2	1	04/28/23 08:30	05/04/23 00:10	7782-49-2	
Silver	127	ug/kg	57.1	2.5	1	04/28/23 08:30	05/04/23 00:10	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	221	21.0	1	05/04/23 10:12	05/04/23 18:45	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	56.2	ug/kg	28.7	11.5	5	04/27/23 11:31	04/27/23 17:33	83-32-9	
Acenaphthylene	34.6	ug/kg	28.7	10.8	5	04/27/23 11:31	04/27/23 17:33	208-96-8	
Anthracene	245	ug/kg	28.7	14.4	5	04/27/23 11:31	04/27/23 17:33	120-12-7	
Benzo(a)anthracene	616	ug/kg	28.7	8.1	5	04/27/23 11:31	04/27/23 17:33	56-55-3	
Benzo(a)pyrene	587	ug/kg	28.7	17.1	5	04/27/23 11:31	04/27/23 17:33	50-32-8	
Benzo(b)fluoranthene	823	ug/kg	28.7	15.8	5	04/27/23 11:31	04/27/23 17:33	205-99-2	
Benzo(g,h,i)perylene	381	ug/kg	28.7	17.0	5	04/27/23 11:31	04/27/23 17:33	191-24-2	
Benzo(k)fluoranthene	304	ug/kg	28.7	13.3	5	04/27/23 11:31	04/27/23 17:33	207-08-9	
Chrysene	627	ug/kg	28.7	19.7	5	04/27/23 11:31	04/27/23 17:33	218-01-9	
Dibenz(a,h)anthracene	91.8	ug/kg	28.7	14.1	5	04/27/23 11:31	04/27/23 17:33	53-70-3	
Fluoranthene	1440	ug/kg	28.7	20.0	5	04/27/23 11:31	04/27/23 17:33	206-44-0	
Fluorene	93.3	ug/kg	28.7	11.3	5	04/27/23 11:31	04/27/23 17:33	86-73-7	
Indeno(1,2,3-cd)pyrene	361	ug/kg	28.7	14.6	5	04/27/23 11:31	04/27/23 17:33	193-39-5	
2-Methylnaphthalene	48.4	ug/kg	28.7	27.0	5	04/27/23 11:31	04/27/23 17:33	91-57-6	
Naphthalene	42.2	ug/kg	28.7	26.4	5	04/27/23 11:31	04/27/23 17:33	91-20-3	ED
Phenanthrene	972	ug/kg	28.7	20.6	5	04/27/23 11:31	04/27/23 17:33	85-01-8	
Pyrene	1180	ug/kg	28.7	19.7	5	04/27/23 11:31	04/27/23 17:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	23-115		5	04/27/23 11:31	04/27/23 17:33	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136		5	04/27/23 11:31	04/27/23 17:33	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		05/03/23 17:37		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Sample: DUP-3 (0-2) **Lab ID: 50343165031** Collected: 04/25/23 00:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5770	ug/kg	1130	192	1	05/03/23 10:40	05/04/23 13:28	7440-38-2	
Barium	240000	ug/kg	1130	210	1	05/03/23 10:40	05/04/23 13:28	7440-39-3	
Chromium	349000	ug/kg	1130	189	1	05/03/23 10:40	05/04/23 13:28	7440-47-3	
Copper	19900	ug/kg	1130	324	1	05/03/23 10:40	05/04/23 13:28	7440-50-8	
Lead	146000	ug/kg	1130	450	1	05/03/23 10:40	05/04/23 13:28	7439-92-1	
Zinc	93900	ug/kg	1130	636	1	05/03/23 10:40	05/04/23 13:28	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	322	ug/kg	55.6	25.2	1	04/28/23 08:30	05/04/23 00:14	7440-43-9	
Selenium	2710	ug/kg	556	157	5	04/28/23 08:30	05/03/23 22:38	7782-49-2	
Silver	ND	ug/kg	55.6	2.5	1	04/28/23 08:30	05/04/23 00:14	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	707	ug/kg	244	23.2	1	05/04/23 10:12	05/04/23 18:47	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	13.3	ug/kg	5.5	2.2	1	04/27/23 11:31	04/27/23 17:47	83-32-9	
Acenaphthylene	14.4	ug/kg	5.5	2.1	1	04/27/23 11:31	04/27/23 17:47	208-96-8	
Anthracene	56.9	ug/kg	5.5	2.8	1	04/27/23 11:31	04/27/23 17:47	120-12-7	
Benzo(a)anthracene	223	ug/kg	5.5	1.6	1	04/27/23 11:31	04/27/23 17:47	56-55-3	
Benzo(a)pyrene	219	ug/kg	5.5	3.3	1	04/27/23 11:31	04/27/23 17:47	50-32-8	
Benzo(b)fluoranthene	296	ug/kg	5.5	3.0	1	04/27/23 11:31	04/27/23 17:47	205-99-2	
Benzo(g,h,i)perylene	143	ug/kg	5.5	3.3	1	04/27/23 11:31	04/27/23 17:47	191-24-2	
Benzo(k)fluoranthene	109	ug/kg	5.5	2.5	1	04/27/23 11:31	04/27/23 17:47	207-08-9	
Chrysene	234	ug/kg	5.5	3.8	1	04/27/23 11:31	04/27/23 17:47	218-01-9	
Dibenz(a,h)anthracene	44.3	ug/kg	5.5	2.7	1	04/27/23 11:31	04/27/23 17:47	53-70-3	
Fluoranthene	407	ug/kg	5.5	3.8	1	04/27/23 11:31	04/27/23 17:47	206-44-0	
Fluorene	15.6	ug/kg	5.5	2.2	1	04/27/23 11:31	04/27/23 17:47	86-73-7	
Indeno(1,2,3-cd)pyrene	137	ug/kg	5.5	2.8	1	04/27/23 11:31	04/27/23 17:47	193-39-5	
2-Methylnaphthalene	21.6	ug/kg	5.5	5.2	1	04/27/23 11:31	04/27/23 17:47	91-57-6	
Naphthalene	40.3	ug/kg	5.5	5.1	1	04/27/23 11:31	04/27/23 17:47	91-20-3	
Phenanthrene	189	ug/kg	5.5	4.0	1	04/27/23 11:31	04/27/23 17:47	85-01-8	
Pyrene	350	ug/kg	5.5	3.8	1	04/27/23 11:31	04/27/23 17:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	23-115		1	04/27/23 11:31	04/27/23 17:47	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		1	04/27/23 11:31	04/27/23 17:47	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.5	%	0.10	0.10	1		05/03/23 17:38		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Sample: DUP-4 (0-2) **Lab ID: 50343165032** Collected: 04/25/23 00:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8020	ug/kg	1080	183	1	05/03/23 10:40	05/04/23 13:30	7440-38-2	
Barium	396000	ug/kg	1080	200	1	05/03/23 10:40	05/04/23 13:30	7440-39-3	
Chromium	18900	ug/kg	1080	180	1	05/03/23 10:40	05/04/23 13:30	7440-47-3	
Copper	157000	ug/kg	1080	309	1	05/03/23 10:40	05/04/23 13:30	7440-50-8	
Lead	268000	ug/kg	1080	428	1	05/03/23 10:40	05/04/23 13:30	7439-92-1	
Zinc	398000	ug/kg	1080	606	1	05/03/23 10:40	05/04/23 13:30	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	3130	ug/kg	56.7	25.7	1	04/28/23 08:30	05/04/23 00:18	7440-43-9	
Selenium	3640	ug/kg	567	160	5	04/28/23 08:30	05/03/23 22:42	7782-49-2	
Silver	173	ug/kg	56.7	2.5	1	04/28/23 08:30	05/04/23 00:18	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	502	ug/kg	227	21.6	1	05/04/23 10:12	05/04/23 18:50	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	246	ug/kg	28.5	11.5	5	04/27/23 11:31	04/27/23 18:02	83-32-9	
Acenaphthylene	302	ug/kg	28.5	10.7	5	04/27/23 11:31	04/27/23 18:02	208-96-8	
Anthracene	1360	ug/kg	28.5	14.3	5	04/27/23 11:31	04/27/23 18:02	120-12-7	
Benzo(a)anthracene	5310	ug/kg	28.5	8.1	5	04/27/23 11:31	04/27/23 18:02	56-55-3	
Benzo(a)pyrene	4640	ug/kg	28.5	17.0	5	04/27/23 11:31	04/27/23 18:02	50-32-8	
Benzo(b)fluoranthene	6320	ug/kg	28.5	15.7	5	04/27/23 11:31	04/27/23 18:02	205-99-2	
Benzo(g,h,i)perylene	2940	ug/kg	28.5	16.9	5	04/27/23 11:31	04/27/23 18:02	191-24-2	
Benzo(k)fluoranthene	2350	ug/kg	28.5	13.2	5	04/27/23 11:31	04/27/23 18:02	207-08-9	
Chrysene	5100	ug/kg	28.5	19.6	5	04/27/23 11:31	04/27/23 18:02	218-01-9	
Dibenz(a,h)anthracene	975	ug/kg	28.5	14.0	5	04/27/23 11:31	04/27/23 18:02	53-70-3	
Fluoranthene	10900	ug/kg	28.5	19.9	5	04/27/23 11:31	04/27/23 18:02	206-44-0	
Fluorene	382	ug/kg	28.5	11.3	5	04/27/23 11:31	04/27/23 18:02	86-73-7	
Indeno(1,2,3-cd)pyrene	2890	ug/kg	28.5	14.5	5	04/27/23 11:31	04/27/23 18:02	193-39-5	
2-Methylnaphthalene	183	ug/kg	28.5	26.8	5	04/27/23 11:31	04/27/23 18:02	91-57-6	
Naphthalene	216	ug/kg	28.5	26.2	5	04/27/23 11:31	04/27/23 18:02	91-20-3	ED
Phenanthrene	6020	ug/kg	28.5	20.5	5	04/27/23 11:31	04/27/23 18:02	85-01-8	
Pyrene	8780	ug/kg	28.5	19.6	5	04/27/23 11:31	04/27/23 18:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		5	04/27/23 11:31	04/27/23 18:02	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		5	04/27/23 11:31	04/27/23 18:02	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/03/23 17:38		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	730743	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009

METHOD BLANK: 3354058 Matrix: Solid

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/01/23 20:44	

LABORATORY CONTROL SAMPLE: 3354059

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	540	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354060 3354061

Parameter	Units	50343165001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	ND	635	578	726	672	112	114	75-125	8	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	730948	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165010, 50343165011, 50343165012, 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029

METHOD BLANK: 3354734 Matrix: Solid

Associated Lab Samples: 50343165010, 50343165011, 50343165012, 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/04/23 17:29	

LABORATORY CONTROL SAMPLE: 3354735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	558	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354736 3354737

Parameter	Units	50343165010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	390	542	563	986	848	110	81	75-125	15	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

QC Batch: 730949 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343165030, 50343165031, 50343165032

METHOD BLANK: 3354738 Matrix: Solid
Associated Lab Samples: 50343165030, 50343165031, 50343165032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/04/23 18:40	

LABORATORY CONTROL SAMPLE: 3354739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	528	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354740 3354741

Parameter	Units	50343211011		3354741		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	ug/kg	ND	551	607	611	666	107	106	75-125	9	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

QC Batch:	730286	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012

METHOD BLANK: 3351408 Matrix: Solid
Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	05/04/23 10:31	
Barium	ug/kg	ND	1000	186	05/04/23 10:31	
Chromium	ug/kg	ND	1000	167	05/04/23 10:31	
Copper	ug/kg	ND	1000	287	05/04/23 10:31	
Lead	ug/kg	ND	1000	398	05/04/23 10:31	
Zinc	ug/kg	ND	1000	563	05/04/23 10:31	

LABORATORY CONTROL SAMPLE: 3351409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	52500	105	80-120	
Barium	ug/kg	50000	51400	103	80-120	
Chromium	ug/kg	50000	51400	103	80-120	
Copper	ug/kg	50000	51200	102	80-120	
Lead	ug/kg	50000	48200	96	80-120	
Zinc	ug/kg	50000	51000	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351410 3351411

Parameter	Units	50343056001		3351410		3351411		% Rec	% Rec	% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	ug/kg	13.2 mg/kg	53100	51100	63400	60100	95	92	75-125	5	20	
Barium	ug/kg	106 mg/kg	53100	51100	136000	144000	57	74	75-125	5	20	M3
Chromium	ug/kg	15.9 mg/kg	53100	51100	64800	65500	92	97	75-125	1	20	
Copper	ug/kg	26.4 mg/kg	53100	51100	69800	74500	82	94	75-125	6	20	
Lead	ug/kg	14.0 mg/kg	53100	51100	54000	51400	75	73	75-125	5	20	M0
Zinc	ug/kg	178 mg/kg	53100	51100	146000	130000	-59	-93	75-125	12	20	M3

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

QC Batch: 730287 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

METHOD BLANK: 3351412 Matrix: Solid
Associated Lab Samples: 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	05/04/23 11:50	
Barium	ug/kg	ND	1000	186	05/04/23 11:50	
Chromium	ug/kg	ND	1000	167	05/04/23 11:50	
Copper	ug/kg	ND	1000	287	05/04/23 11:50	
Lead	ug/kg	ND	1000	398	05/04/23 11:50	
Zinc	ug/kg	ND	1000	563	05/04/23 11:50	

LABORATORY CONTROL SAMPLE: 3351413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	51200	102	80-120	
Barium	ug/kg	50000	51000	102	80-120	
Chromium	ug/kg	50000	51600	103	80-120	
Copper	ug/kg	50000	50200	100	80-120	
Lead	ug/kg	50000	47300	95	80-120	
Zinc	ug/kg	50000	50400	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351414 3351415

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50343165013 Result	Spike Conc.	Spike Conc.	Result							Result
Arsenic	ug/kg	9170	62200	59400	67700	64300	94	93	75-125	5	20	
Barium	ug/kg	92000	62200	59400	152000	276000	97	310	75-125	58	20	M0, R1
Chromium	ug/kg	17900	62200	59400	75800	68700	93	86	75-125	10	20	
Copper	ug/kg	51200	62200	59400	105000	98400	86	79	75-125	6	20	
Lead	ug/kg	105000	62200	59400	138000	141000	52	59	75-125	2	20	M3
Zinc	ug/kg	128000	62200	59400	168000	181000	65	89	75-125	7	20	M0

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	730166	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

METHOD BLANK: 3350918 Matrix: Solid

Associated Lab Samples: 50343165021, 50343165022, 50343165023, 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.7	05/03/23 19:59	
Selenium	ug/kg	ND	100	28.2	05/03/23 19:59	
Silver	ug/kg	ND	50.0	2.2	05/03/23 19:59	

LABORATORY CONTROL SAMPLE: 3350919

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3960	99	80-120	
Selenium	ug/kg	4000	3830	96	80-120	
Silver	ug/kg	4000	4050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350920 3350921

Parameter	Units	50343165021		3350921		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Cadmium	ug/kg	2510	4490	4420	6060	6490	79	90	75-125	7	20
Selenium	ug/kg	3570	4490	4420	8040	6970	100	77	75-125	14	20
Silver	ug/kg	135	4490	4420	4430	4400	96	96	75-125	1	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch: 731485

Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012, 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020

METHOD BLANK: 3356728

Matrix: Solid

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012, 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	21.9	05/04/23 06:15	
Selenium	ug/kg	ND	100	23.3	05/04/23 06:15	
Silver	ug/kg	ND	50.0	1.7	05/04/23 06:15	

LABORATORY CONTROL SAMPLE: 3356729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3850	96	80-120	
Selenium	ug/kg	4000	3860	97	80-120	
Silver	ug/kg	4000	4000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3356730 3356731

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
Cadmium	ug/kg	263	4720	4780	4780	96	98	75-125	3	20	
Selenium	ug/kg	ND	4720	4780	4610	85	90	75-125	6	20	
Silver	ug/kg	ND	4720	4780	4670	98	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	730066	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 Soil PAH by SIM
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012

METHOD BLANK: 3350455 Matrix: Solid

Associated Lab Samples: 50343165001, 50343165002, 50343165003, 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	04/27/23 08:23	
Acenaphthene	ug/kg	ND	5.0	2.0	04/27/23 08:23	
Acenaphthylene	ug/kg	ND	5.0	1.9	04/27/23 08:23	
Anthracene	ug/kg	ND	5.0	2.5	04/27/23 08:23	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	04/27/23 08:23	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	04/27/23 08:23	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	04/27/23 08:23	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	04/27/23 08:23	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	04/27/23 08:23	
Chrysene	ug/kg	ND	5.0	3.4	04/27/23 08:23	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	04/27/23 08:23	
Fluoranthene	ug/kg	ND	5.0	3.5	04/27/23 08:23	
Fluorene	ug/kg	ND	5.0	2.0	04/27/23 08:23	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	04/27/23 08:23	
Naphthalene	ug/kg	ND	5.0	4.6	04/27/23 08:23	
Phenanthrene	ug/kg	ND	5.0	3.6	04/27/23 08:23	
Pyrene	ug/kg	ND	5.0	3.4	04/27/23 08:23	
2-Fluorobiphenyl (S)	%	83	23-115		04/27/23 08:23	
p-Terphenyl-d14 (S)	%	96	19-136		04/27/23 08:23	

LABORATORY CONTROL SAMPLE: 3350456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	517	78	45-127	
Acenaphthene	ug/kg	668	527	79	59-107	
Acenaphthylene	ug/kg	667	544	82	55-103	
Anthracene	ug/kg	667	549	82	65-107	
Benzo(a)anthracene	ug/kg	667	585	88	68-123	
Benzo(a)pyrene	ug/kg	668	585	88	66-119	
Benzo(b)fluoranthene	ug/kg	667	553	83	69-133	
Benzo(g,h,i)perylene	ug/kg	667	594	89	61-122	
Benzo(k)fluoranthene	ug/kg	667	610	91	66-132	
Chrysene	ug/kg	669	593	89	73-130	
Dibenz(a,h)anthracene	ug/kg	667	600	90	62-122	
Fluoranthene	ug/kg	668	569	85	70-124	
Fluorene	ug/kg	667	540	81	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	579	87	65-127	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

LABORATORY CONTROL SAMPLE: 3350456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	667	526	79	52-103	
Phenanthrene	ug/kg	667	563	84	65-117	
Pyrene	ug/kg	668	578	87	65-129	
2-Fluorobiphenyl (S)	%			73	23-115	
p-Terphenyl-d14 (S)	%			80	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350457 3350458

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result								
2-Methylnaphthalene	ug/kg	0.10 mg/kg	804	795	715	252	76	19	16-139	96	20	R1	
Acenaphthene	ug/kg	<0.0023 mg/kg	807	797	627	181	78	23	26-123	111	20	M1,R1	
Acenaphthylene	ug/kg	0.0050J mg/kg	806	796	646	173	80	21	16-125	116	20	R1	
Anthracene	ug/kg	0.012 mg/kg	806	796	634	92.3	77	10	13-133	149	20	M1,R1	
Benzo(a)anthracene	ug/kg	0.089 mg/kg	806	796	811	107	90	2	10-148	153	20	M1,R1	
Benzo(a)pyrene	ug/kg	0.11 mg/kg	807	797	816	99.4	88	-1	10-133	157	20	M1,R1	
Benzo(b)fluoranthene	ug/kg	0.17 mg/kg	806	796	904	103	91	-8	10-155	159	20	M1,R1	
Benzo(g,h,i)perylene	ug/kg	0.091 mg/kg	806	796	736	81.1	80	-1	10-129	160	20	M1,R1	
Benzo(k)fluoranthene	ug/kg	0.051 mg/kg	806	796	723	98.9	83	6	12-142	152	20	M1,R1	
Chrysene	ug/kg	0.13 mg/kg	809	798	853	118	90	-1	14-148	151	20	M1,R1	
Dibenz(a,h)anthracene	ug/kg	0.021 mg/kg	806	796	669	83.8	80	8	10-131	155	20	M1,R1	
Fluoranthene	ug/kg	0.22 mg/kg	808	797	977	142	94	-9	10-154	149	20	M1,R1	
Fluorene	ug/kg	<0.0023 mg/kg	806	796	641	134	80	17	26-134	131	20	M1,R1	
Indeno(1,2,3-cd)pyrene	ug/kg	0.076 mg/kg	806	796	718	84.2	80	1	10-136	158	20	M1,R1	
Naphthalene	ug/kg	0.077 mg/kg	807	796	700	329	77	32	20-119	72	20	R1	
Phenanthrene	ug/kg	0.11 mg/kg	807	796	754	124	80	2	12-150	144	20	M1,R1	
Pyrene	ug/kg	0.17 mg/kg	808	797	883	121	88	-7	17-152	152	20	M1,R1	
2-Fluorobiphenyl (S)	%						72	22	23-115			S0	
p-Terphenyl-d14 (S)	%						71	10	19-136			S0	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	730180	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 Soil PAH by SIM
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021

METHOD BLANK: 3350980 Matrix: Solid

Associated Lab Samples: 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	04/27/23 13:45	
Acenaphthene	ug/kg	ND	5.0	2.0	04/27/23 13:45	
Acenaphthylene	ug/kg	ND	5.0	1.9	04/27/23 13:45	
Anthracene	ug/kg	ND	5.0	2.5	04/27/23 13:45	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	04/27/23 13:45	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	04/27/23 13:45	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	04/27/23 13:45	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	04/27/23 13:45	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	04/27/23 13:45	
Chrysene	ug/kg	ND	5.0	3.4	04/27/23 13:45	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	04/27/23 13:45	
Fluoranthene	ug/kg	ND	5.0	3.5	04/27/23 13:45	
Fluorene	ug/kg	ND	5.0	2.0	04/27/23 13:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	04/27/23 13:45	
Naphthalene	ug/kg	ND	5.0	4.6	04/27/23 13:45	
Phenanthrene	ug/kg	ND	5.0	3.6	04/27/23 13:45	
Pyrene	ug/kg	ND	5.0	3.4	04/27/23 13:45	
2-Fluorobiphenyl (S)	%	81	23-115		04/27/23 13:45	
p-Terphenyl-d14 (S)	%	91	19-136		04/27/23 13:45	

LABORATORY CONTROL SAMPLE: 3350981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	575	86	45-127	
Acenaphthene	ug/kg	668	577	86	59-107	
Acenaphthylene	ug/kg	667	596	89	55-103	
Anthracene	ug/kg	667	605	91	65-107	
Benzo(a)anthracene	ug/kg	667	653	98	68-123	
Benzo(a)pyrene	ug/kg	668	631	95	66-119	
Benzo(b)fluoranthene	ug/kg	667	592	89	69-133	
Benzo(g,h,i)perylene	ug/kg	667	594	89	61-122	
Benzo(k)fluoranthene	ug/kg	667	644	97	66-132	
Chrysene	ug/kg	669	639	96	73-130	
Dibenz(a,h)anthracene	ug/kg	667	611	92	62-122	
Fluoranthene	ug/kg	668	645	97	70-124	
Fluorene	ug/kg	667	601	90	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	597	90	65-127	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

LABORATORY CONTROL SAMPLE: 3350981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	667	566	85	52-103	
Phenanthrene	ug/kg	667	610	91	65-117	
Pyrene	ug/kg	668	619	93	65-129	
2-Fluorobiphenyl (S)	%			74	23-115	
p-Terphenyl-d14 (S)	%			81	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350982 3350983

Parameter	Units	MS 3350982		MSD 3350983		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
2-Methylnaphthalene	ug/kg	ND	724	697	610	84	88	16-139	1	20	
Acenaphthene	ug/kg	ND	727	699	600	83	88	26-123	2	20	
Acenaphthylene	ug/kg	ND	726	698	632	87	92	16-125	1	20	
Anthracene	ug/kg	ND	726	698	604	83	87	13-133	0	20	
Benzo(a)anthracene	ug/kg	ND	726	698	663	91	94	10-148	1	20	
Benzo(a)pyrene	ug/kg	ND	727	699	633	87	90	10-133	1	20	
Benzo(b)fluoranthene	ug/kg	ND	726	698	603	83	85	10-155	2	20	
Benzo(g,h,i)perylene	ug/kg	ND	726	698	586	80	82	10-129	1	20	
Benzo(k)fluoranthene	ug/kg	ND	726	698	633	87	92	12-142	1	20	
Chrysene	ug/kg	9.1	728	700	639	86	90	14-148	0	20	
Dibenz(a,h)anthracene	ug/kg	ND	726	698	605	83	87	10-131	0	20	
Fluoranthene	ug/kg	ND	727	699	658	90	96	10-154	2	20	
Fluorene	ug/kg	ND	726	698	629	87	91	26-134	1	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	726	698	587	81	84	10-136	1	20	
Naphthalene	ug/kg	ND	726	698	596	82	87	20-119	2	20	
Phenanthrene	ug/kg	7.1	726	698	619	84	88	12-150	1	20	
Pyrene	ug/kg	6.6	728	699	621	84	85	17-152	3	20	
2-Fluorobiphenyl (S)	%					69	72	23-115			
p-Terphenyl-d14 (S)	%					73	70	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

QC Batch: 730194 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343165022, 50343165023, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

METHOD BLANK: 3351024 Matrix: Solid
Associated Lab Samples: 50343165022, 50343165023, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	04/27/23 15:08	
Acenaphthene	ug/kg	ND	5.0	2.0	04/27/23 15:08	
Acenaphthylene	ug/kg	ND	5.0	1.9	04/27/23 15:08	
Anthracene	ug/kg	ND	5.0	2.5	04/27/23 15:08	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	04/27/23 15:08	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	04/27/23 15:08	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	04/27/23 15:08	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	04/27/23 15:08	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	04/27/23 15:08	
Chrysene	ug/kg	ND	5.0	3.4	04/27/23 15:08	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	04/27/23 15:08	
Fluoranthene	ug/kg	ND	5.0	3.5	04/27/23 15:08	
Fluorene	ug/kg	ND	5.0	2.0	04/27/23 15:08	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	04/27/23 15:08	
Naphthalene	ug/kg	ND	5.0	4.6	04/27/23 15:08	
Phenanthrene	ug/kg	ND	5.0	3.6	04/27/23 15:08	
Pyrene	ug/kg	ND	5.0	3.4	04/27/23 15:08	
2-Fluorobiphenyl (S)	%	74	23-115		04/27/23 15:08	
p-Terphenyl-d14 (S)	%	82	19-136		04/27/23 15:08	

LABORATORY CONTROL SAMPLE: 3351025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	513	77	45-127	
Acenaphthene	ug/kg	668	516	77	59-107	
Acenaphthylene	ug/kg	667	547	82	55-103	
Anthracene	ug/kg	667	540	81	65-107	
Benzo(a)anthracene	ug/kg	667	515	77	68-123	
Benzo(a)pyrene	ug/kg	668	524	78	66-119	
Benzo(b)fluoranthene	ug/kg	667	532	80	69-133	
Benzo(g,h,i)perylene	ug/kg	667	561	84	61-122	
Benzo(k)fluoranthene	ug/kg	667	511	77	66-132	
Chrysene	ug/kg	669	547	82	73-130	
Dibenz(a,h)anthracene	ug/kg	667	569	85	62-122	
Fluoranthene	ug/kg	668	555	83	70-124	
Fluorene	ug/kg	667	559	84	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	581	87	65-127	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

LABORATORY CONTROL SAMPLE: 3351025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	667	499	75	52-103	
Phenanthrene	ug/kg	667	519	78	65-117	
Pyrene	ug/kg	668	511	77	65-129	
2-Fluorobiphenyl (S)	%			72	23-115	
p-Terphenyl-d14 (S)	%			77	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351026 3351027

Parameter	Units	3351026		3351027		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343166002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
2-Methylnaphthalene	ug/kg				490	571			15	20	
Acenaphthene	ug/kg				477	547			14	20	
Acenaphthylene	ug/kg				489	573			16	20	
Anthracene	ug/kg				501	566			12	20	
Benzo(a)anthracene	ug/kg				468	540			14	20	
Benzo(a)pyrene	ug/kg				471	536			13	20	
Benzo(b)fluoranthene	ug/kg				463	537			15	20	
Benzo(g,h,i)perylene	ug/kg				463	536			15	20	
Benzo(k)fluoranthene	ug/kg				465	534			14	20	
Chrysene	ug/kg				488	561			14	20	
Dibenz(a,h)anthracene	ug/kg				470	551			16	20	
Fluoranthene	ug/kg				511	582			13	20	
Fluorene	ug/kg				487	562			14	20	
Indeno(1,2,3-cd)pyrene	ug/kg				481	557			15	20	
Naphthalene	ug/kg				459	535			15	20	
Phenanthrene	ug/kg				486	552			13	20	
Pyrene	ug/kg				506	573			12	20	
2-Fluorobiphenyl (S)	%						53	67	23-115		
p-Terphenyl-d14 (S)	%						61	76	19-136		

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

QC Batch: 731427 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165024

METHOD BLANK: 3356496 Matrix: Solid

Associated Lab Samples: 50343165024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/04/23 09:31	
Acenaphthene	ug/kg	ND	5.0	2.0	05/04/23 09:31	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/04/23 09:31	
Anthracene	ug/kg	ND	5.0	2.5	05/04/23 09:31	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/04/23 09:31	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/04/23 09:31	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/04/23 09:31	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/04/23 09:31	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/04/23 09:31	
Chrysene	ug/kg	ND	5.0	3.4	05/04/23 09:31	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/04/23 09:31	
Fluoranthene	ug/kg	ND	5.0	3.5	05/04/23 09:31	
Fluorene	ug/kg	ND	5.0	2.0	05/04/23 09:31	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/04/23 09:31	
Naphthalene	ug/kg	ND	5.0	4.6	05/04/23 09:31	
Phenanthrene	ug/kg	ND	5.0	3.6	05/04/23 09:31	
Pyrene	ug/kg	ND	5.0	3.4	05/04/23 09:31	
2-Fluorobiphenyl (S)	%	85	23-115		05/04/23 09:31	
p-Terphenyl-d14 (S)	%	100	19-136		05/04/23 09:31	

LABORATORY CONTROL SAMPLE: 3356497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	588	88	52-123	
Acenaphthene	ug/kg	668	584	87	54-119	
Acenaphthylene	ug/kg	667	599	90	55-130	
Anthracene	ug/kg	667	608	91	58-120	
Benzo(a)anthracene	ug/kg	667	650	97	59-126	
Benzo(a)pyrene	ug/kg	668	639	96	58-133	
Benzo(b)fluoranthene	ug/kg	667	612	92	54-137	
Benzo(g,h,i)perylene	ug/kg	667	624	94	53-127	
Benzo(k)fluoranthene	ug/kg	667	636	95	54-126	
Chrysene	ug/kg	669	633	95	59-129	
Dibenz(a,h)anthracene	ug/kg	667	642	96	54-128	
Fluoranthene	ug/kg	668	655	98	58-137	
Fluorene	ug/kg	667	612	92	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	624	94	56-129	
Naphthalene	ug/kg	667	579	87	48-112	
Phenanthrene	ug/kg	667	616	92	57-125	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

LABORATORY CONTROL SAMPLE: 3356497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	603	90	55-133	
2-Fluorobiphenyl (S)	%.			81	23-115	
p-Terphenyl-d14 (S)	%.			88	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3356498 3356499

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343658008 Result	Spike Conc.	Spike Conc.	Result						
2-Methylnaphthalene	ug/kg	0.018 mg/kg	632	636	598	590	92	90	16-139	1	20
Acenaphthene	ug/kg	ND	634	638	563	560	89	88	26-123	1	20
Acenaphthylene	ug/kg	ND	633	637	586	581	93	91	16-125	1	20
Anthracene	ug/kg	0.010 mg/kg	633	637	577	576	90	89	13-133	0	20
Benzo(a)anthracene	ug/kg	0.0034J mg/kg	633	637	606	615	95	96	10-148	1	20
Benzo(a)pyrene	ug/kg	0.0071 mg/kg	634	638	579	583	90	90	10-133	1	20
Benzo(b)fluoranthene	ug/kg	0.013 mg/kg	633	637	567	576	88	88	10-155	2	20
Benzo(g,h,i)perylene	ug/kg	0.0092 mg/kg	633	637	535	540	83	83	10-129	1	20
Benzo(k)fluoranthene	ug/kg	0.0033J mg/kg	633	637	569	581	89	91	12-142	2	20
Chrysene	ug/kg	0.0081 mg/kg	635	639	583	593	91	92	14-148	2	20
Dibenz(a,h)anthracene	ug/kg	ND	633	637	557	556	88	87	10-131	0	20
Fluoranthene	ug/kg	0.0089 mg/kg	634	638	636	628	99	97	10-154	1	20
Fluorene	ug/kg	ND	633	637	603	598	95	94	26-134	1	20
Indeno(1,2,3-cd)pyrene	ug/kg	0.0069 mg/kg	633	637	537	545	84	85	10-136	1	20
Naphthalene	ug/kg	0.0070 mg/kg	633	637	562	553	88	86	20-119	2	20
Phenanthrene	ug/kg	0.015 mg/kg	633	637	585	580	90	89	12-150	1	20
Pyrene	ug/kg	0.0088 mg/kg	634	639	578	589	90	91	17-152	2	20
2-Fluorobiphenyl (S)	%.						78	76	23-115		
p-Terphenyl-d14 (S)	%.						83	81	19-136		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch: 731460

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165001, 50343165002, 50343165003

SAMPLE DUPLICATE: 3356623

Parameter	Units	50343047007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.7	13.7	0	5	N2

SAMPLE DUPLICATE: 3356624

Parameter	Units	50343151001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	16.3	9	5	N2,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch:	731462	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165004, 50343165005, 50343165006, 50343165007, 50343165008, 50343165009, 50343165010, 50343165011, 50343165012, 50343165013, 50343165014, 50343165015, 50343165016, 50343165017, 50343165018, 50343165019, 50343165020, 50343165021, 50343165022, 50343165023

SAMPLE DUPLICATE: 3356627

Parameter	Units	50343165004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.9	9.0	9	5	N2,R1

SAMPLE DUPLICATE: 3356628

Parameter	Units	50343165005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.4	12.6	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

QC Batch: 731463

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343165024, 50343165025, 50343165026, 50343165027, 50343165028, 50343165029, 50343165030, 50343165031, 50343165032

SAMPLE DUPLICATE: 3356629

Parameter	Units	50343165025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.4	12.3	1	5	N2

SAMPLE DUPLICATE: 3356630

Parameter	Units	50343165026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.3	0	5	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S8 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-extraction and/or re-analysis)

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343165001	SB-19 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165002	SB-20 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165003	SB-21 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165004	SB-22 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165005	SB-23 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165006	SB-24 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165007	SB-25 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165008	SB-26 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165009	SB-27 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165010	SB-28 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165011	SB-29 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165012	SB-30 (0-2)	EPA 3050	730286	EPA 6010	731587
50343165013	SB-31 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165014	SB-32 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165015	SB-33 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165016	SB-34 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165017	SB-35 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165018	SB-36 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165019	SB-37 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165020	SB-38 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165021	SB-39 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165022	SB-40 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165023	SB-41 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165024	SB-42 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165025	SB-43 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165026	SB-44 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165027	SB-45 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165028	SB-46 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165029	SB-47 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165030	SB-48 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165031	DUP-3 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165032	DUP-4 (0-2)	EPA 3050	730287	EPA 6010	731600
50343165001	SB-19 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165002	SB-20 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165003	SB-21 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165004	SB-22 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165005	SB-23 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165006	SB-24 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165007	SB-25 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165008	SB-26 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165009	SB-27 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165010	SB-28 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165011	SB-29 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165012	SB-30 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165013	SB-31 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165014	SB-32 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165015	SB-33 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165016	SB-34 (0-2)	EPA 3050B	731485	EPA 6020	731512

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343165017	SB-35 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165018	SB-36 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165019	SB-37 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165020	SB-38 (0-2)	EPA 3050B	731485	EPA 6020	731512
50343165021	SB-39 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165022	SB-40 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165023	SB-41 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165024	SB-42 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165025	SB-43 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165026	SB-44 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165027	SB-45 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165028	SB-46 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165029	SB-47 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165030	SB-48 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165031	DUP-3 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165032	DUP-4 (0-2)	EPA 3050B	730166	EPA 6020	730492
50343165001	SB-19 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165002	SB-20 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165003	SB-21 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165004	SB-22 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165005	SB-23 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165006	SB-24 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165007	SB-25 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165008	SB-26 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165009	SB-27 (0-2)	EPA 7471	730743	EPA 7471	730905
50343165010	SB-28 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165011	SB-29 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165012	SB-30 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165013	SB-31 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165014	SB-32 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165015	SB-33 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165016	SB-34 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165017	SB-35 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165018	SB-36 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165019	SB-37 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165020	SB-38 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165021	SB-39 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165022	SB-40 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165023	SB-41 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165024	SB-42 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165025	SB-43 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165026	SB-44 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165027	SB-45 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165028	SB-46 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165029	SB-47 (0-2)	EPA 7471	730948	EPA 7471	731714
50343165030	SB-48 (0-2)	EPA 7471	730949	EPA 7471	731715
50343165031	DUP-3 (0-2)	EPA 7471	730949	EPA 7471	731715

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343165

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343165032	DUP-4 (0-2)	EPA 7471	730949	EPA 7471	731715
50343165001	SB-19 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165002	SB-20 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165003	SB-21 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165004	SB-22 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165005	SB-23 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165006	SB-24 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165007	SB-25 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165008	SB-26 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165009	SB-27 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165010	SB-28 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165011	SB-29 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165012	SB-30 (0-2)	EPA 3546	730066	EPA 8270 by SIM	730174
50343165013	SB-31 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165014	SB-32 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165015	SB-33 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165016	SB-34 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165017	SB-35 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165018	SB-36 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165019	SB-37 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165020	SB-38 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165021	SB-39 (0-2)	EPA 3546	730180	EPA 8270 by SIM	730257
50343165022	SB-40 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165023	SB-41 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165024	SB-42 (0-2)	EPA 3546	731427	EPA 8270 by SIM	731534
50343165025	SB-43 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165026	SB-44 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165027	SB-45 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165028	SB-46 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165029	SB-47 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165030	SB-48 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165031	DUP-3 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165032	DUP-4 (0-2)	EPA 3546	730194	EPA 8270 by SIM	730300
50343165001	SB-19 (0-2)	SM 2540G	731460		
50343165002	SB-20 (0-2)	SM 2540G	731460		
50343165003	SB-21 (0-2)	SM 2540G	731460		
50343165004	SB-22 (0-2)	SM 2540G	731462		
50343165005	SB-23 (0-2)	SM 2540G	731462		
50343165006	SB-24 (0-2)	SM 2540G	731462		
50343165007	SB-25 (0-2)	SM 2540G	731462		
50343165008	SB-26 (0-2)	SM 2540G	731462		
50343165009	SB-27 (0-2)	SM 2540G	731462		
50343165010	SB-28 (0-2)	SM 2540G	731462		
50343165011	SB-29 (0-2)	SM 2540G	731462		
50343165012	SB-30 (0-2)	SM 2540G	731462		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343165

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343165013	SB-31 (0-2)	SM 2540G	731462		
50343165014	SB-32 (0-2)	SM 2540G	731462		
50343165015	SB-33 (0-2)	SM 2540G	731462		
50343165016	SB-34 (0-2)	SM 2540G	731462		
50343165017	SB-35 (0-2)	SM 2540G	731462		
50343165018	SB-36 (0-2)	SM 2540G	731462		
50343165019	SB-37 (0-2)	SM 2540G	731462		
50343165020	SB-38 (0-2)	SM 2540G	731462		
50343165021	SB-39 (0-2)	SM 2540G	731462		
50343165022	SB-40 (0-2)	SM 2540G	731462		
50343165023	SB-41 (0-2)	SM 2540G	731462		
50343165024	SB-42 (0-2)	SM 2540G	731463		
50343165025	SB-43 (0-2)	SM 2540G	731463		
50343165026	SB-44 (0-2)	SM 2540G	731463		
50343165027	SB-45 (0-2)	SM 2540G	731463		
50343165028	SB-46 (0-2)	SM 2540G	731463		
50343165029	SB-47 (0-2)	SM 2540G	731463		
50343165030	SB-48 (0-2)	SM 2540G	731463		
50343165031	DUP-3 (0-2)	SM 2540G	731463		
50343165032	DUP-4 (0-2)	SM 2540G	731463		

REPORT OF LABORATORY ANALYSIS

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Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres
 Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

WO# : 50343165



Report to:
Joshua Schuyler

Email To:
joshua.schuyler@conestoga.com

Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
 PT MT CT ET

Phone: **248-669-5140**

Client Project #
188BS2324A

Lab Project #

Collected by (print):
Madelyn Haas

Site/Facility ID #
DDD-100 lenox

P.O. #
23244

Collected by (signature):
M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day 10 Day (Rad Only)
 ___ Three Day

Quote #
00135280
 Date Results Needed

Immediately Packed on Ice N ___ Y

10 Day TAT

No. of
 Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-19 (0-2)	Grab	SS		4/25/23	0944	1
SB-20 (0-2)					0910	
SB-21 (0-2)					0913	
SB-22 (0-2)					0920	
SB-23 (0-2)					0925	
SB-24 (0-2)					0931	
SB-25 (0-2)					0948	
SB-26 (0-2)					0954	
SB-27 (0-2)					1000	
SB-28 (0-2)					1005	

PAH 8270 (MI TOL) 2330
 MI 10 METALS 1010 TAT

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SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: **Brain Hall**
 PM: **John Hawkins**
 PB:
 Shipped Via:
 Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____
 Samples returned via:
 ___ UPS ___ FedEx ___ Courier _____
 Tracking #

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N
See seal

Relinquished by: (Signature)
M Haas

Date: **4/25/23** Time: **1030**

Received by: (Signature)
FE

Trip Blank Received: Yes / No
 HCL / MeoH
 TBR

Relinquished by: (Signature)
FE

Date: **4/26/23** Time: **0905**

Received by: (Signature)
[Signature]

Temp: **0.8** °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 64 of 72K

Company Name/Address:

ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 4



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to: Joshua Schuyler

Email To: joshua.schuyler@onethings.com

Project Description: 100 lenox

City/State Collected: Detroit, MI

Please Circle: PT MT CT ET

Phone: 248-669-5140

Client Project # 188BS03244

Lab Project #

Collected by (print): Madelyn Heas

Site/Facility ID # DDD - 100 lenox

P.O. # 23244

Collected by (signature): M Heas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote # 00135080
Date Results Needed 10 Day TAT

Immediately Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-29 (0-2)	Grab	SS		4/25/23	1012	1
SB-30 (0-2)					1025	1
SB-31 (0-2)					1033	1
SB-32 (0-2)					1125	1
SB-33 (0-2)					1127	1
SB-34 (0-2)					1140	1
SB-35 (0-2)					1143	1
SB-36 (0-2)					1145	1
SB-37 (0-2)					1147	1
SB-38 (0-2)					1153	1

Analysis / Container / Preservative	Pres	Chk
PAH 8370 (MI TALS) 1330		
MI 10 Metals 00107471		

SDG #

Table #

Acctnum: ATCNMI

Template:

Prelogin: Brian Hall
PM: 341 John Hawkins

PB:

Shipped Via:

Remarks	Sample # (lab only)
	011
	012
	013
	014
	015
	016
	017
	018
	019
	020

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

See below

Relinquished by: (Signature) M Heas

Date: 4/25/23 Time: 1030

Received by: (Signature) [Signature]

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Relinquished by: (Signature) [Signature]

Date: 4/26/23 Time: 0905

Received by: (Signature) [Signature]

Temp: 0.8 °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:

Company Name/Address:
ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:

Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres
 Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 4



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Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@oneattas.com

Project Description:
 100 Lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188Bs 23244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD - 100 Lenox

P.O. #
 23244

Collected by (signature):

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day 10 Day (Rad Only)
 ___ Three Day

Quote #
 00135280

Date Results Needed

10 Day TAT

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Remarks	Sample # (lab only)
SB-39 (0-2)	Grab	SS		4/25/23	1202	1	X X		021
SB-40 (0-2)					1210				022
SB-41 (0-2)					1210				023
SB-42 (0-2)					1221				024
SB-43 (0-2)					1225				025
SB-44 (0-2)					1233				026
SB-45 (0-2)					1330				027
SB-46 (0-2)					1334				028
SB-47 (0-2)					1340				029
SB-48 (0-2)					1345				030

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP ___ Y ___ N ___
COC Signed/Accurate:	___ Y ___ N ___
Bottles arrive intact:	___ Y ___ N ___
Correct bottles used:	___ Y ___ N ___
Sufficient volume sent:	___ Y ___ N ___
If Applicable	
VOA Zero Headspace:	___ Y ___ N ___
Preservation Correct/Checked:	___ Y ___ N ___
RAD Screen <0.5 mR/hr:	___ Y ___ N ___

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking #

Relinquished by: (Signature)
 M Haas

Date: 4/25/23

Time: 11030

Received by: (Signature)
 FE

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FE

Date: 4/26/23

Time: 0905

Received by: (Signature)
 [Signature]

Temp: °C
 Bottles Received: 018

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:

Company Name/Address:

ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 4



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Report to:
Joshua Schuyler

Email To:
joshua.schuyler@oneatlas.com

Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
PT MT CT ET

Phone: 248-669-5140

Client Project #
1888523244

Lab Project #

Collected by (print):
Madelyn Haas

Site/Facility ID #
DDD-100 LENOX

P.O. #
23244

Collected by (signature):
M Haas

Rush? (Lab MUST Be Notified)

___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #
00135280

Date Results Needed

Immediately Packed on Ice N ___ Y

No. of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts	Analysis / Container / Preservative		Remarks	Sample # (lab only)
DUP-3 (0-2)	GRAB	SS		4/25/23	0000	1	X	X		031
DUP-4 (0-2)	GRAB	SS		4/25/23	0000	1	X	X		032

PAH 8270 (MI TOG) 330
MI 10 METALS 6010/PAH

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: ___ NP ___ Y ___ N
COC Signed/Accurate: ___ Y ___ N
Bottles arrive intact: ___ Y ___ N
Correct bottles used: ___ Y ___ N
Sufficient volume sent: ___ Y ___ N
If Applicable
VOA Zero Headspace: ___ Y ___ N
Preservation Correct/Checked: ___ Y ___ N
RAD Screen <0.5 mR/hr: ___ Y ___ N
See sm

Samples returned via:
___ UPS ___ FedEx ___ Courier

Tracking #

Relinquished by: (Signature)

M Haas

Date:

4/25/23

Time:

1030

Received by: (Signature)

FE

Trip Blank Received: Yes / No

HCL/MeOH
TBR

Relinquished by: (Signature)

FE

Date:

4/26/23

Time:

0905

Received by: (Signature)

[Signature]

Temp: °C Bottles Received:

018

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: DD 4/26/23 1327

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes) Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 **A** B C D E F

4. Cooler Temperature(s): 1.0 / 0.8
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less): <u>4 day</u>	<input checked="" type="checkbox"/>		Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only)	VIALS							AMBER GLASS							PLASTIC							OTHER				Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc							
		SBS	DG9H	VG9H	VOA VIAL HS (>8mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Red	Yellow	Green	Black							
	R																																						
1	/																																		56				
2																																							
3																																							
4																																							
5																																							
6																																							
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only)	VIALS							AMBER GLASS							PLASTIC							OTHER				Matrix					
		SBS	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc		
		DI	R																									Red	Yellow	Green	Black		
1																																	
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	Syringe Kit	LL Cr+6 sampling kit
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	ZPLC	Ziploc Bag
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	SP5T	120mL Coliform Sodium Thiosulfate
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	GN	General Container
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can (air sample)
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	WT	Water
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid Solid
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	OL:	Oil
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	NAL	Non-aqueous liquid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	WP	Wipe
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic		

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WG FU	MeOH (only) SBS DI R	VIALS							AMBER GLASS							PLASTIC							OTHER				Matrix						
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc		
			Red	Yellow	Green	Black	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9																								
1																																		
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

May 11, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343361001	SB-49 (0-2)	Solid	04/26/23 09:16	04/27/23 08:55
50343361002	SB-50 (0-2)	Solid	04/26/23 09:20	04/27/23 08:55
50343361003	SB-51 (0-2)	Solid	04/26/23 09:22	04/27/23 08:55
50343361004	SB-52 (0-2)	Solid	04/26/23 09:24	04/27/23 08:55
50343361005	SB-53 (0-2)	Solid	04/26/23 09:28	04/27/23 08:55
50343361006	SB-54 (0-2)	Solid	04/26/23 09:30	04/27/23 08:55
50343361007	SB-55 (0-2)	Solid	04/26/23 09:47	04/27/23 08:55
50343361008	SB-56 (0-2)	Solid	04/26/23 09:50	04/27/23 08:55
50343361009	SB-57 (0-2)	Solid	04/26/23 09:55	04/27/23 08:55
50343361010	SB-58 (0-2)	Solid	04/26/23 09:58	04/27/23 08:55
50343361011	SB-59 (0-2)	Solid	04/26/23 10:15	04/27/23 08:55
50343361012	SB-60 (0-2)	Solid	04/26/23 10:19	04/27/23 08:55
50343361013	SB-61 (0-2)	Solid	04/26/23 10:22	04/27/23 08:55
50343361014	SB-62 (0-2)	Solid	04/26/23 10:26	04/27/23 08:55
50343361015	SB-63 (0-2)	Solid	04/26/23 10:30	04/27/23 08:55
50343361016	SB-64 (0-2)	Solid	04/26/23 10:34	04/27/23 08:55
50343361017	SB-65 (0-2)	Solid	04/26/23 10:37	04/27/23 08:55
50343361018	SB-66 (0-2)	Solid	04/26/23 10:41	04/27/23 08:55
50343361019	SB-67 (0-2)	Solid	04/26/23 10:47	04/27/23 08:55
50343361020	SB-68 (0-2)	Solid	04/26/23 11:15	04/27/23 08:55
50343361021	SB-69 (0-2)	Solid	04/26/23 11:20	04/27/23 08:55
50343361022	SB-70 (0-2)	Solid	04/26/23 11:23	04/27/23 08:55
50343361023	SB-71 (0-2)	Solid	04/26/23 11:26	04/27/23 08:55
50343361024	SB-72 (0-2)	Solid	04/26/23 11:29	04/27/23 08:55
50343361025	SB-73 (0-2)	Solid	04/26/23 11:31	04/27/23 08:55
50343361026	SB-74 (0-2)	Solid	04/26/23 11:37	04/27/23 08:55
50343361027	SB-75 (0-2)	Solid	04/26/23 11:43	04/27/23 08:55
50343361028	SB-76 (0-2)	Solid	04/26/23 11:52	04/27/23 08:55
50343361029	SB-77 (0-2)	Solid	04/26/23 11:57	04/27/23 08:55
50343361030	SB-78 (0-2)	Solid	04/26/23 13:49	04/27/23 08:55
50343361031	SB-79 (0-2)	Solid	04/26/23 13:07	04/27/23 08:55
50343361032	SB-80 (0-2)	Solid	04/26/23 13:19	04/27/23 08:55
50343361033	SB-81 (0-2)	Solid	04/26/23 13:22	04/27/23 08:55
50343361034	SB-82 (0-2)	Solid	04/26/23 13:28	04/27/23 08:55
50343361035	SB-83 (0-2)	Solid	04/26/23 13:31	04/27/23 08:55
50343361036	SB-84 (0-2)	Solid	04/26/23 13:47	04/27/23 08:55
50343361037	SB-85 (0-2)	Solid	04/26/23 13:55	04/27/23 08:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343361038	SB-86 (0-2)	Solid	04/26/23 14:03	04/27/23 08:55
50343361039	DUP-5 (0-2)	Solid	04/26/23 00:00	04/27/23 08:55
50343361040	DUP-6 (0-2)	Solid	04/26/23 00:00	04/27/23 08:55

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361001	SB-49 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	RJP	1	PASI-I
50343361002	SB-50 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	RJP	1	PASI-I
50343361003	SB-51 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361004	SB-52 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361005	SB-53 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361006	SB-54 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361007	SB-55 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361008	SB-56 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361009	SB-57 (0-2)	EPA 7471	EAE	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	EAE	1	PASI-I
50343361010	SB-58 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361011	SB-59 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361012	SB-60 (0-2)	EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
50343361013	SB-61 (0-2)	EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50343361014	SB-62 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361015	SB-63 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361016	SB-64 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361017	SB-65 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361018	SB-66 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361019	SB-67 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361020	SB-68 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	MTM	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361021	SB-69 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361022	SB-70 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361023	SB-71 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361024	SB-72 (0-2)	EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361025	SB-73 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361026	SB-74 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50343361027	SB-75 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343361028	SB-76 (0-2)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
50343361029	SB-77 (0-2)	EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361030	SB-78 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361031	SB-79 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361032	SB-80 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361033	SB-81 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361034	SB-82 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361035	SB-83 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361036	SB-84 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343361037	SB-85 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343361038	SB-86 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361039	DUP-5 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343361040	DUP-6 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-49 (0-2) **Lab ID: 50343361001** Collected: 04/26/23 09:16 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	1540	ug/kg	1090	186	1	05/04/23 12:40	05/05/23 16:08	7440-38-2	
Barium	11500	ug/kg	1090	203	1	05/04/23 12:40	05/05/23 16:08	7440-39-3	
Chromium	4890	ug/kg	1090	183	1	05/04/23 12:40	05/05/23 16:08	7440-47-3	
Copper	3170	ug/kg	1090	314	1	05/04/23 12:40	05/05/23 16:08	7440-50-8	
Lead	2820	ug/kg	1090	435	1	05/04/23 12:40	05/05/23 16:08	7439-92-1	
Zinc	9800	ug/kg	1090	616	1	05/04/23 12:40	05/05/23 16:08	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	70.1	ug/kg	53.5	23.4	1	04/30/23 22:45	05/03/23 02:44	7440-43-9	
Selenium	345J	ug/kg	535	125	5	04/30/23 22:45	05/03/23 08:17	7782-49-2	D3
Silver	11.6J	ug/kg	53.5	1.8	1	04/30/23 22:45	05/03/23 02:44	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	216	20.5	1	05/04/23 10:09	05/04/23 20:37	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	25.8	ug/kg	5.3	2.1	1	04/30/23 10:39	05/01/23 14:47	83-32-9	
Acenaphthylene	ND	ug/kg	5.3	2.0	1	04/30/23 10:39	05/01/23 14:47	208-96-8	
Anthracene	94.4	ug/kg	5.3	2.7	1	04/30/23 10:39	05/01/23 14:47	120-12-7	
Benzo(a)anthracene	130	ug/kg	5.3	1.5	1	04/30/23 10:39	05/01/23 14:47	56-55-3	
Benzo(a)pyrene	99.8	ug/kg	5.3	3.2	1	04/30/23 10:39	05/01/23 14:47	50-32-8	
Benzo(b)fluoranthene	125	ug/kg	5.3	2.9	1	04/30/23 10:39	05/01/23 14:47	205-99-2	
Benzo(g,h,i)perylene	57.0	ug/kg	5.3	3.2	1	04/30/23 10:39	05/01/23 14:47	191-24-2	
Benzo(k)fluoranthene	53.0	ug/kg	5.3	2.5	1	04/30/23 10:39	05/01/23 14:47	207-08-9	
Chrysene	126	ug/kg	5.3	3.7	1	04/30/23 10:39	05/01/23 14:47	218-01-9	
Dibenz(a,h)anthracene	11.9	ug/kg	5.3	2.6	1	04/30/23 10:39	05/01/23 14:47	53-70-3	
Fluoranthene	341	ug/kg	5.3	3.7	1	04/30/23 10:39	05/01/23 14:47	206-44-0	
Fluorene	34.5	ug/kg	5.3	2.1	1	04/30/23 10:39	05/01/23 14:47	86-73-7	
Indeno(1,2,3-cd)pyrene	51.3	ug/kg	5.3	2.7	1	04/30/23 10:39	05/01/23 14:47	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.3	5.0	1	04/30/23 10:39	05/01/23 14:47	91-57-6	
Naphthalene	ND	ug/kg	5.3	4.9	1	04/30/23 10:39	05/01/23 14:47	91-20-3	
Phenanthrene	306	ug/kg	5.3	3.8	1	04/30/23 10:39	05/01/23 14:47	85-01-8	
Pyrene	256	ug/kg	5.3	3.7	1	04/30/23 10:39	05/01/23 14:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	23-115		1	04/30/23 10:39	05/01/23 14:47	321-60-8	
p-Terphenyl-d14 (S)	72	%	19-136		1	04/30/23 10:39	05/01/23 14:47	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.2	%	0.10	0.10	1		05/05/23 13:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: **SB-50 (0-2)** Lab ID: **50343361002** Collected: 04/26/23 09:20 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6140	ug/kg	1130	192	1	05/04/23 12:40	05/05/23 16:19	7440-38-2	
Barium	92000	ug/kg	1130	211	1	05/04/23 12:40	05/05/23 16:19	7440-39-3	
Chromium	12600	ug/kg	1130	189	1	05/04/23 12:40	05/05/23 16:19	7440-47-3	
Copper	91400	ug/kg	1130	325	1	05/04/23 12:40	05/05/23 16:19	7440-50-8	
Lead	104000	ug/kg	1130	451	1	05/04/23 12:40	05/05/23 16:19	7439-92-1	
Zinc	177000	ug/kg	1130	637	1	05/04/23 12:40	05/05/23 16:19	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	465	ug/kg	55.9	24.5	1	04/30/23 22:45	05/03/23 03:08	7440-43-9	
Selenium	492J	ug/kg	559	130	5	04/30/23 22:45	05/04/23 02:18	7782-49-2	D3
Silver	55.3J	ug/kg	55.9	1.9	1	04/30/23 22:45	05/03/23 03:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	89.5J	ug/kg	217	20.7	1	05/04/23 10:09	05/04/23 20:40	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	296	ug/kg	5.5	2.2	1	04/30/23 10:39	05/01/23 15:00	83-32-9	
Acenaphthylene	49.2	ug/kg	5.5	2.1	1	04/30/23 10:39	05/01/23 15:00	208-96-8	
Anthracene	2300	ug/kg	5.5	2.7	1	04/30/23 10:39	05/01/23 15:00	120-12-7	
Benzo(a)anthracene	4060	ug/kg	5.5	1.6	1	04/30/23 10:39	05/01/23 15:00	56-55-3	
Benzo(a)pyrene	3140	ug/kg	5.5	3.3	1	04/30/23 10:39	05/01/23 15:00	50-32-8	
Benzo(b)fluoranthene	3990	ug/kg	5.5	3.0	1	04/30/23 10:39	05/01/23 15:00	205-99-2	
Benzo(g,h,i)perylene	1500	ug/kg	5.5	3.3	1	04/30/23 10:39	05/01/23 15:00	191-24-2	
Benzo(k)fluoranthene	1680	ug/kg	5.5	2.5	1	04/30/23 10:39	05/01/23 15:00	207-08-9	
Chrysene	3700	ug/kg	5.5	3.8	1	04/30/23 10:39	05/01/23 15:00	218-01-9	
Dibenz(a,h)anthracene	405	ug/kg	5.5	2.7	1	04/30/23 10:39	05/01/23 15:00	53-70-3	
Fluoranthene	8530	ug/kg	54.9	38.2	10	04/30/23 10:39	05/03/23 14:21	206-44-0	
Fluorene	453	ug/kg	5.5	2.2	1	04/30/23 10:39	05/01/23 15:00	86-73-7	
Indeno(1,2,3-cd)pyrene	1430	ug/kg	5.5	2.8	1	04/30/23 10:39	05/01/23 15:00	193-39-5	
2-Methylnaphthalene	115	ug/kg	5.5	5.2	1	04/30/23 10:39	05/01/23 15:00	91-57-6	
Naphthalene	85.7	ug/kg	5.5	5.0	1	04/30/23 10:39	05/01/23 15:00	91-20-3	
Phenanthrene	5040	ug/kg	5.5	4.0	1	04/30/23 10:39	05/01/23 15:00	85-01-8	
Pyrene	6100	ug/kg	5.5	3.8	1	04/30/23 10:39	05/01/23 15:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/30/23 10:39	05/01/23 15:00	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		1	04/30/23 10:39	05/01/23 15:00	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.0	%	0.10	0.10	1		05/05/23 13:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-51 (0-2) **Lab ID: 50343361003** Collected: 04/26/23 09:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3490	ug/kg	1050	179	1	05/04/23 12:40	05/05/23 16:21	7440-38-2	
Barium	45700	ug/kg	1050	196	1	05/04/23 12:40	05/05/23 16:21	7440-39-3	
Chromium	9160	ug/kg	1050	176	1	05/04/23 12:40	05/05/23 16:21	7440-47-3	
Copper	26200	ug/kg	1050	303	1	05/04/23 12:40	05/05/23 16:21	7440-50-8	
Lead	40900	ug/kg	1050	420	1	05/04/23 12:40	05/05/23 16:21	7439-92-1	
Zinc	58000	ug/kg	1050	593	1	05/04/23 12:40	05/05/23 16:21	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	92.9	ug/kg	55.8	24.4	1	04/30/23 22:45	05/03/23 03:11	7440-43-9	
Selenium	370J	ug/kg	558	130	5	04/30/23 22:45	05/04/23 02:21	7782-49-2	D3
Silver	17.9J	ug/kg	55.8	1.9	1	04/30/23 22:45	05/03/23 03:11	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	219	20.8	1	05/04/23 10:09	05/04/23 20:42	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	20.6	ug/kg	5.5	2.2	1	04/30/23 10:39	05/01/23 15:14	83-32-9	
Acenaphthylene	ND	ug/kg	5.5	2.1	1	04/30/23 10:39	05/01/23 15:14	208-96-8	
Anthracene	54.3	ug/kg	5.5	2.8	1	04/30/23 10:39	05/01/23 15:14	120-12-7	
Benzo(a)anthracene	134	ug/kg	5.5	1.6	1	04/30/23 10:39	05/01/23 15:14	56-55-3	
Benzo(a)pyrene	119	ug/kg	5.5	3.3	1	04/30/23 10:39	05/01/23 15:14	50-32-8	
Benzo(b)fluoranthene	156	ug/kg	5.5	3.0	1	04/30/23 10:39	05/01/23 15:14	205-99-2	
Benzo(g,h,i)perylene	68.5	ug/kg	5.5	3.3	1	04/30/23 10:39	05/01/23 15:14	191-24-2	
Benzo(k)fluoranthene	53.7	ug/kg	5.5	2.5	1	04/30/23 10:39	05/01/23 15:14	207-08-9	
Chrysene	136	ug/kg	5.5	3.8	1	04/30/23 10:39	05/01/23 15:14	218-01-9	
Dibenz(a,h)anthracene	14.6	ug/kg	5.5	2.7	1	04/30/23 10:39	05/01/23 15:14	53-70-3	
Fluoranthene	326	ug/kg	5.5	3.8	1	04/30/23 10:39	05/01/23 15:14	206-44-0	
Fluorene	17.9	ug/kg	5.5	2.2	1	04/30/23 10:39	05/01/23 15:14	86-73-7	
Indeno(1,2,3-cd)pyrene	60.8	ug/kg	5.5	2.8	1	04/30/23 10:39	05/01/23 15:14	193-39-5	
2-Methylnaphthalene	11.5	ug/kg	5.5	5.2	1	04/30/23 10:39	05/01/23 15:14	91-57-6	
Naphthalene	9.8	ug/kg	5.5	5.1	1	04/30/23 10:39	05/01/23 15:14	91-20-3	
Phenanthrene	185	ug/kg	5.5	4.0	1	04/30/23 10:39	05/01/23 15:14	85-01-8	
Pyrene	251	ug/kg	5.5	3.8	1	04/30/23 10:39	05/01/23 15:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		1	04/30/23 10:39	05/01/23 15:14	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	04/30/23 10:39	05/01/23 15:14	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.6	%	0.10	0.10	1		05/05/23 19:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-52 (0-2) **Lab ID: 50343361004** Collected: 04/26/23 09:24 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5510	ug/kg	1210	206	1	05/04/23 12:40	05/05/23 16:24	7440-38-2	
Barium	127000	ug/kg	1210	225	1	05/04/23 12:40	05/05/23 16:24	7440-39-3	
Chromium	20600	ug/kg	1210	202	1	05/04/23 12:40	05/05/23 16:24	7440-47-3	
Copper	57600	ug/kg	1210	348	1	05/04/23 12:40	05/05/23 16:24	7440-50-8	
Lead	105000	ug/kg	1210	482	1	05/04/23 12:40	05/05/23 16:24	7439-92-1	
Zinc	141000	ug/kg	1210	682	1	05/04/23 12:40	05/05/23 16:24	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1730	ug/kg	62.6	27.4	1	04/30/23 22:45	05/03/23 03:15	7440-43-9	
Selenium	842	ug/kg	626	146	5	04/30/23 22:45	05/04/23 02:25	7782-49-2	
Silver	121	ug/kg	62.6	2.1	1	04/30/23 22:45	05/03/23 03:15	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	295	ug/kg	276	26.2	1	05/04/23 10:09	05/04/23 20:44	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	43.6	ug/kg	6.3	2.5	1	04/30/23 11:52	05/01/23 21:28	83-32-9	
Acenaphthylene	10.6	ug/kg	6.3	2.4	1	04/30/23 11:52	05/01/23 21:28	208-96-8	
Anthracene	81.1	ug/kg	6.3	3.2	1	04/30/23 11:52	05/01/23 21:28	120-12-7	
Benzo(a)anthracene	349	ug/kg	6.3	1.8	1	04/30/23 11:52	05/01/23 21:28	56-55-3	
Benzo(a)pyrene	310	ug/kg	6.3	3.8	1	04/30/23 11:52	05/01/23 21:28	50-32-8	
Benzo(b)fluoranthene	404	ug/kg	6.3	3.5	1	04/30/23 11:52	05/01/23 21:28	205-99-2	
Benzo(g,h,i)perylene	179	ug/kg	6.3	3.7	1	04/30/23 11:52	05/01/23 21:28	191-24-2	
Benzo(k)fluoranthene	147	ug/kg	6.3	2.9	1	04/30/23 11:52	05/01/23 21:28	207-08-9	
Chrysene	330	ug/kg	6.3	4.3	1	04/30/23 11:52	05/01/23 21:28	218-01-9	
Dibenz(a,h)anthracene	53.8	ug/kg	6.3	3.1	1	04/30/23 11:52	05/01/23 21:28	53-70-3	
Fluoranthene	644	ug/kg	6.3	4.4	1	04/30/23 11:52	05/01/23 21:28	206-44-0	
Fluorene	30.8	ug/kg	6.3	2.5	1	04/30/23 11:52	05/01/23 21:28	86-73-7	
Indeno(1,2,3-cd)pyrene	163	ug/kg	6.3	3.2	1	04/30/23 11:52	05/01/23 21:28	193-39-5	
2-Methylnaphthalene	92.4	ug/kg	6.3	5.9	1	04/30/23 11:52	05/01/23 21:28	91-57-6	
Naphthalene	335	ug/kg	6.3	5.8	1	04/30/23 11:52	05/01/23 21:28	91-20-3	
Phenanthrene	316	ug/kg	6.3	4.6	1	04/30/23 11:52	05/01/23 21:28	85-01-8	
Pyrene	538	ug/kg	6.3	4.3	1	04/30/23 11:52	05/01/23 21:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	23-115		1	04/30/23 11:52	05/01/23 21:28	321-60-8	
p-Terphenyl-d14 (S)	49	%	19-136		1	04/30/23 11:52	05/01/23 21:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	23.0	%	0.10	0.10	1		05/05/23 19:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-53 (0-2) **Lab ID: 50343361005** Collected: 04/26/23 09:28 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5220	ug/kg	1090	185	1	05/04/23 12:40	05/05/23 16:26	7440-38-2	
Barium	128000	ug/kg	1090	202	1	05/04/23 12:40	05/05/23 16:26	7440-39-3	
Chromium	251000	ug/kg	1090	181	1	05/04/23 12:40	05/05/23 16:26	7440-47-3	
Copper	467000	ug/kg	1090	312	1	05/04/23 12:40	05/05/23 16:26	7440-50-8	
Lead	141000	ug/kg	1090	432	1	05/04/23 12:40	05/05/23 16:26	7439-92-1	
Zinc	222000	ug/kg	1090	611	1	05/04/23 12:40	05/05/23 16:26	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2010	ug/kg	55.1	24.2	1	04/30/23 22:45	05/03/23 03:25	7440-43-9	
Selenium	703	ug/kg	551	128	5	04/30/23 22:45	05/04/23 02:28	7782-49-2	
Silver	142	ug/kg	55.1	1.9	1	04/30/23 22:45	05/03/23 03:25	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	64.8J	ug/kg	220	20.9	1	05/04/23 10:09	05/04/23 20:47	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	17.9	ug/kg	5.7	2.3	1	04/30/23 11:52	05/01/23 21:41	83-32-9	
Acenaphthylene	11.0	ug/kg	5.7	2.1	1	04/30/23 11:52	05/01/23 21:41	208-96-8	
Anthracene	53.3	ug/kg	5.7	2.8	1	04/30/23 11:52	05/01/23 21:41	120-12-7	
Benzo(a)anthracene	221	ug/kg	5.7	1.6	1	04/30/23 11:52	05/01/23 21:41	56-55-3	
Benzo(a)pyrene	198	ug/kg	5.7	3.4	1	04/30/23 11:52	05/01/23 21:41	50-32-8	
Benzo(b)fluoranthene	252	ug/kg	5.7	3.1	1	04/30/23 11:52	05/01/23 21:41	205-99-2	
Benzo(g,h,i)perylene	117	ug/kg	5.7	3.4	1	04/30/23 11:52	05/01/23 21:41	191-24-2	
Benzo(k)fluoranthene	91.9	ug/kg	5.7	2.6	1	04/30/23 11:52	05/01/23 21:41	207-08-9	
Chrysene	210	ug/kg	5.7	3.9	1	04/30/23 11:52	05/01/23 21:41	218-01-9	
Dibenz(a,h)anthracene	33.8	ug/kg	5.7	2.8	1	04/30/23 11:52	05/01/23 21:41	53-70-3	
Fluoranthene	414	ug/kg	5.7	4.0	1	04/30/23 11:52	05/01/23 21:41	206-44-0	
Fluorene	16.0	ug/kg	5.7	2.2	1	04/30/23 11:52	05/01/23 21:41	86-73-7	
Indeno(1,2,3-cd)pyrene	102	ug/kg	5.7	2.9	1	04/30/23 11:52	05/01/23 21:41	193-39-5	
2-Methylnaphthalene	19.8	ug/kg	5.7	5.3	1	04/30/23 11:52	05/01/23 21:41	91-57-6	
Naphthalene	22.5	ug/kg	5.7	5.2	1	04/30/23 11:52	05/01/23 21:41	91-20-3	
Phenanthrene	215	ug/kg	5.7	4.1	1	04/30/23 11:52	05/01/23 21:41	85-01-8	
Pyrene	376	ug/kg	5.7	3.9	1	04/30/23 11:52	05/01/23 21:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/30/23 11:52	05/01/23 21:41	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		1	04/30/23 11:52	05/01/23 21:41	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.7	%	0.10	0.10	1		05/05/23 19:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-54 (0-2) **Lab ID: 50343361006** Collected: 04/26/23 09:30 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7320	ug/kg	1140	194	1	05/04/23 12:40	05/05/23 16:33	7440-38-2	
Barium	134000	ug/kg	1140	212	1	05/04/23 12:40	05/05/23 16:33	7440-39-3	
Chromium	19800	ug/kg	1140	190	1	05/04/23 12:40	05/05/23 16:33	7440-47-3	
Copper	61800	ug/kg	1140	327	1	05/04/23 12:40	05/05/23 16:33	7440-50-8	
Lead	110000	ug/kg	1140	453	1	05/04/23 12:40	05/05/23 16:33	7439-92-1	
Zinc	162000	ug/kg	1140	641	1	05/04/23 12:40	05/05/23 16:33	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	690	ug/kg	58.8	25.8	1	04/30/23 22:45	05/03/23 03:28	7440-43-9	
Selenium	845	ug/kg	588	137	5	04/30/23 22:45	05/04/23 02:32	7782-49-2	
Silver	99.0	ug/kg	58.8	2.0	1	04/30/23 22:45	05/03/23 03:28	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	140J	ug/kg	245	23.3	1	05/04/23 10:09	05/04/23 20:49	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	292	ug/kg	28.7	11.5	5	04/30/23 11:52	05/01/23 21:54	83-32-9	
Acenaphthylene	269	ug/kg	28.7	10.8	5	04/30/23 11:52	05/01/23 21:54	208-96-8	
Anthracene	1220	ug/kg	28.7	14.4	5	04/30/23 11:52	05/01/23 21:54	120-12-7	
Benzo(a)anthracene	5920	ug/kg	28.7	8.2	5	04/30/23 11:52	05/01/23 21:54	56-55-3	
Benzo(a)pyrene	4970	ug/kg	28.7	17.1	5	04/30/23 11:52	05/01/23 21:54	50-32-8	
Benzo(b)fluoranthene	5760	ug/kg	28.7	15.8	5	04/30/23 11:52	05/01/23 21:54	205-99-2	
Benzo(g,h,i)perylene	2700	ug/kg	28.7	17.0	5	04/30/23 11:52	05/01/23 21:54	191-24-2	
Benzo(k)fluoranthene	2260	ug/kg	28.7	13.3	5	04/30/23 11:52	05/01/23 21:54	207-08-9	
Chrysene	5470	ug/kg	28.7	19.7	5	04/30/23 11:52	05/01/23 21:54	218-01-9	
Dibenz(a,h)anthracene	760	ug/kg	28.7	14.1	5	04/30/23 11:52	05/01/23 21:54	53-70-3	
Fluoranthene	9980	ug/kg	28.7	20.0	5	04/30/23 11:52	05/01/23 21:54	206-44-0	
Fluorene	298	ug/kg	28.7	11.4	5	04/30/23 11:52	05/01/23 21:54	86-73-7	
Indeno(1,2,3-cd)pyrene	2350	ug/kg	28.7	14.6	5	04/30/23 11:52	05/01/23 21:54	193-39-5	
2-Methylnaphthalene	107	ug/kg	28.7	27.0	5	04/30/23 11:52	05/01/23 21:54	91-57-6	
Naphthalene	162	ug/kg	28.7	26.4	5	04/30/23 11:52	05/01/23 21:54	91-20-3	ED
Phenanthrene	4750	ug/kg	28.7	20.7	5	04/30/23 11:52	05/01/23 21:54	85-01-8	
Pyrene	10100	ug/kg	28.7	19.7	5	04/30/23 11:52	05/01/23 21:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		5	04/30/23 11:52	05/01/23 21:54	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		5	04/30/23 11:52	05/01/23 21:54	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.4	%	0.10	0.10	1		05/05/23 19:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-55 (0-2) **Lab ID: 50343361007** Collected: 04/26/23 09:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7100	ug/kg	1100	187	1	05/04/23 12:40	05/05/23 16:35	7440-38-2	
Barium	76400	ug/kg	1100	204	1	05/04/23 12:40	05/05/23 16:35	7440-39-3	
Chromium	20200	ug/kg	1100	183	1	05/04/23 12:40	05/05/23 16:35	7440-47-3	
Copper	20400	ug/kg	1100	315	1	05/04/23 12:40	05/05/23 16:35	7440-50-8	
Lead	14300	ug/kg	1100	437	1	05/04/23 12:40	05/05/23 16:35	7439-92-1	
Zinc	54000	ug/kg	1100	618	1	05/04/23 12:40	05/05/23 16:35	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	46.9J	ug/kg	57.4	25.1	1	04/30/23 22:45	05/03/23 03:31	7440-43-9	
Selenium	874	ug/kg	574	134	5	04/30/23 22:45	05/04/23 02:42	7782-49-2	
Silver	58.4	ug/kg	57.4	1.9	1	04/30/23 22:45	05/03/23 03:31	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	225	21.4	1	05/04/23 10:09	05/04/23 20:52	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	28.7	11.5	5	04/30/23 11:52	05/01/23 22:08	83-32-9	
Acenaphthylene	ND	ug/kg	28.7	10.8	5	04/30/23 11:52	05/01/23 22:08	208-96-8	
Anthracene	ND	ug/kg	28.7	14.4	5	04/30/23 11:52	05/01/23 22:08	120-12-7	
Benzo(a)anthracene	21.4J	ug/kg	28.7	8.2	5	04/30/23 11:52	05/01/23 22:08	56-55-3	
Benzo(a)pyrene	31.5	ug/kg	28.7	17.1	5	04/30/23 11:52	05/01/23 22:08	50-32-8	
Benzo(b)fluoranthene	30.5	ug/kg	28.7	15.8	5	04/30/23 11:52	05/01/23 22:08	205-99-2	
Benzo(g,h,i)perylene	30.7	ug/kg	28.7	17.0	5	04/30/23 11:52	05/01/23 22:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	28.7	13.3	5	04/30/23 11:52	05/01/23 22:08	207-08-9	
Chrysene	32.2	ug/kg	28.7	19.7	5	04/30/23 11:52	05/01/23 22:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	28.7	14.1	5	04/30/23 11:52	05/01/23 22:08	53-70-3	
Fluoranthene	51.1	ug/kg	28.7	20.0	5	04/30/23 11:52	05/01/23 22:08	206-44-0	
Fluorene	ND	ug/kg	28.7	11.4	5	04/30/23 11:52	05/01/23 22:08	86-73-7	
Indeno(1,2,3-cd)pyrene	25.1J	ug/kg	28.7	14.6	5	04/30/23 11:52	05/01/23 22:08	193-39-5	
2-Methylnaphthalene	ND	ug/kg	28.7	27.0	5	04/30/23 11:52	05/01/23 22:08	91-57-6	
Naphthalene	ND	ug/kg	28.7	26.4	5	04/30/23 11:52	05/01/23 22:08	91-20-3	ED
Phenanthrene	23.0J	ug/kg	28.7	20.7	5	04/30/23 11:52	05/01/23 22:08	85-01-8	
Pyrene	58.9	ug/kg	28.7	19.7	5	04/30/23 11:52	05/01/23 22:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		5	04/30/23 11:52	05/01/23 22:08	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		5	04/30/23 11:52	05/01/23 22:08	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.6	%	0.10	0.10	1		05/05/23 19:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: **SB-56 (0-2)** Lab ID: **50343361008** Collected: 04/26/23 09:50 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6060	ug/kg	1280	217	1	05/04/23 12:40	05/05/23 16:38	7440-38-2	
Barium	115000	ug/kg	1280	238	1	05/04/23 12:40	05/05/23 16:38	7440-39-3	
Chromium	25400	ug/kg	1280	213	1	05/04/23 12:40	05/05/23 16:38	7440-47-3	
Copper	15900	ug/kg	1280	367	1	05/04/23 12:40	05/05/23 16:38	7440-50-8	
Lead	18800	ug/kg	1280	509	1	05/04/23 12:40	05/05/23 16:38	7439-92-1	
Zinc	61900	ug/kg	1280	720	1	05/04/23 12:40	05/05/23 16:38	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	324	ug/kg	60.0	26.3	1	04/30/23 22:45	05/03/23 03:35	7440-43-9	
Selenium	1270	ug/kg	1200	280	10	04/30/23 22:45	05/04/23 03:45	7782-49-2	
Silver	72.8	ug/kg	60.0	2.0	1	04/30/23 22:45	05/03/23 03:35	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	80.7J	ug/kg	252	23.9	1	05/04/23 10:09	05/04/23 20:54	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	6.3	2.5	1	04/30/23 11:52	05/01/23 22:48	83-32-9	
Acenaphthylene	ND	ug/kg	6.3	2.4	1	04/30/23 11:52	05/01/23 22:48	208-96-8	
Anthracene	4.8J	ug/kg	6.3	3.2	1	04/30/23 11:52	05/01/23 22:48	120-12-7	
Benzo(a)anthracene	15.6	ug/kg	6.3	1.8	1	04/30/23 11:52	05/01/23 22:48	56-55-3	
Benzo(a)pyrene	17.1	ug/kg	6.3	3.8	1	04/30/23 11:52	05/01/23 22:48	50-32-8	
Benzo(b)fluoranthene	21.4	ug/kg	6.3	3.5	1	04/30/23 11:52	05/01/23 22:48	205-99-2	
Benzo(g,h,i)perylene	12.0	ug/kg	6.3	3.8	1	04/30/23 11:52	05/01/23 22:48	191-24-2	
Benzo(k)fluoranthene	7.7	ug/kg	6.3	2.9	1	04/30/23 11:52	05/01/23 22:48	207-08-9	
Chrysene	16.8	ug/kg	6.3	4.4	1	04/30/23 11:52	05/01/23 22:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.3	3.1	1	04/30/23 11:52	05/01/23 22:48	53-70-3	
Fluoranthene	32.8	ug/kg	6.3	4.4	1	04/30/23 11:52	05/01/23 22:48	206-44-0	
Fluorene	ND	ug/kg	6.3	2.5	1	04/30/23 11:52	05/01/23 22:48	86-73-7	
Indeno(1,2,3-cd)pyrene	11.1	ug/kg	6.3	3.2	1	04/30/23 11:52	05/01/23 22:48	193-39-5	
2-Methylnaphthalene	ND	ug/kg	6.3	6.0	1	04/30/23 11:52	05/01/23 22:48	91-57-6	
Naphthalene	ND	ug/kg	6.3	5.8	1	04/30/23 11:52	05/01/23 22:48	91-20-3	
Phenanthrene	22.1	ug/kg	6.3	4.6	1	04/30/23 11:52	05/01/23 22:48	85-01-8	
Pyrene	29.6	ug/kg	6.3	4.3	1	04/30/23 11:52	05/01/23 22:48	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		1	04/30/23 11:52	05/01/23 22:48	321-60-8	
p-Terphenyl-d14 (S)	64	%	19-136		1	04/30/23 11:52	05/01/23 22:48	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	22.1	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-57 (0-2) **Lab ID: 50343361009** Collected: 04/26/23 09:55 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7680	ug/kg	1220	207	1	05/04/23 12:40	05/05/23 16:40	7440-38-2	
Barium	136000	ug/kg	1220	227	1	05/04/23 12:40	05/05/23 16:40	7440-39-3	
Chromium	19200	ug/kg	1220	204	1	05/04/23 12:40	05/05/23 16:40	7440-47-3	
Copper	52900	ug/kg	1220	350	1	05/04/23 12:40	05/05/23 16:40	7440-50-8	
Lead	212000	ug/kg	1220	485	1	05/04/23 12:40	05/05/23 16:40	7439-92-1	
Zinc	159000	ug/kg	1220	686	1	05/04/23 12:40	05/05/23 16:40	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2970	ug/kg	62.1	27.2	1	04/30/23 22:45	05/03/23 03:45	7440-43-9	
Selenium	904	ug/kg	621	145	5	04/30/23 22:45	05/04/23 02:49	7782-49-2	
Silver	93.3	ug/kg	62.1	2.1	1	04/30/23 22:45	05/03/23 03:45	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	164J	ug/kg	260	24.7	1	05/04/23 10:09	05/04/23 21:02	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	297	ug/kg	31.5	12.6	5	04/30/23 11:52	05/01/23 23:01	83-32-9	
Acenaphthylene	39.7	ug/kg	31.5	11.8	5	04/30/23 11:52	05/01/23 23:01	208-96-8	
Anthracene	783	ug/kg	31.5	15.8	5	04/30/23 11:52	05/01/23 23:01	120-12-7	
Benzo(a)anthracene	1400	ug/kg	31.5	8.9	5	04/30/23 11:52	05/01/23 23:01	56-55-3	
Benzo(a)pyrene	1090	ug/kg	31.5	18.7	5	04/30/23 11:52	05/01/23 23:01	50-32-8	
Benzo(b)fluoranthene	1340	ug/kg	31.5	17.3	5	04/30/23 11:52	05/01/23 23:01	205-99-2	
Benzo(g,h,i)perylene	556	ug/kg	31.5	18.7	5	04/30/23 11:52	05/01/23 23:01	191-24-2	
Benzo(k)fluoranthene	514	ug/kg	31.5	14.5	5	04/30/23 11:52	05/01/23 23:01	207-08-9	
Chrysene	1250	ug/kg	31.5	21.6	5	04/30/23 11:52	05/01/23 23:01	218-01-9	
Dibenz(a,h)anthracene	175	ug/kg	31.5	15.5	5	04/30/23 11:52	05/01/23 23:01	53-70-3	
Fluoranthene	3050	ug/kg	31.5	21.9	5	04/30/23 11:52	05/01/23 23:01	206-44-0	
Fluorene	324	ug/kg	31.5	12.4	5	04/30/23 11:52	05/01/23 23:01	86-73-7	
Indeno(1,2,3-cd)pyrene	515	ug/kg	31.5	16.0	5	04/30/23 11:52	05/01/23 23:01	193-39-5	
2-Methylnaphthalene	110	ug/kg	31.5	29.6	5	04/30/23 11:52	05/01/23 23:01	91-57-6	
Naphthalene	136	ug/kg	31.5	28.9	5	04/30/23 11:52	05/01/23 23:01	91-20-3	ED
Phenanthrene	2780	ug/kg	31.5	22.6	5	04/30/23 11:52	05/01/23 23:01	85-01-8	
Pyrene	2460	ug/kg	31.5	21.6	5	04/30/23 11:52	05/01/23 23:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	23-115		5	04/30/23 11:52	05/01/23 23:01	321-60-8	
p-Terphenyl-d14 (S)	59	%	19-136		5	04/30/23 11:52	05/01/23 23:01	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	21.1	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: **SB-58 (0-2)** Lab ID: **50343361010** Collected: 04/26/23 09:58 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	36200	ug/kg	4890	832	5	05/04/23 12:40	05/05/23 16:42	7440-38-2	
Barium	3790000	ug/kg	4890	910	5	05/04/23 12:40	05/05/23 16:42	7440-39-3	
Chromium	153000	ug/kg	4890	817	5	05/04/23 12:40	05/05/23 16:42	7440-47-3	
Copper	3240000	ug/kg	4890	1400	5	05/04/23 12:40	05/05/23 16:42	7440-50-8	
Lead	10000000	ug/kg	4890	1950	5	05/04/23 12:40	05/05/23 16:42	7439-92-1	
Zinc	5490000	ug/kg	4890	2750	5	05/04/23 12:40	05/05/23 16:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1100000	ug/kg	5410	2370	100	04/30/23 22:45	05/03/23 04:49	7440-43-9	
Selenium	1490	ug/kg	541	126	5	04/30/23 22:45	05/04/23 02:52	7782-49-2	
Silver	2060	ug/kg	54.1	1.8	1	04/30/23 22:45	05/03/23 03:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	829	ug/kg	216	24.9	1	05/07/23 20:25	05/08/23 08:39	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	55.5	22.3	10	04/30/23 11:52	05/01/23 23:15	83-32-9	
Acenaphthylene	ND	ug/kg	55.5	20.9	10	04/30/23 11:52	05/01/23 23:15	208-96-8	
Anthracene	43.3J	ug/kg	55.5	27.8	10	04/30/23 11:52	05/01/23 23:15	120-12-7	
Benzo(a)anthracene	153	ug/kg	55.5	15.8	10	04/30/23 11:52	05/01/23 23:15	56-55-3	
Benzo(a)pyrene	175	ug/kg	55.5	33.0	10	04/30/23 11:52	05/01/23 23:15	50-32-8	
Benzo(b)fluoranthene	247	ug/kg	55.5	30.5	10	04/30/23 11:52	05/01/23 23:15	205-99-2	
Benzo(g,h,i)perylene	152	ug/kg	55.5	32.9	10	04/30/23 11:52	05/01/23 23:15	191-24-2	
Benzo(k)fluoranthene	85.3	ug/kg	55.5	25.6	10	04/30/23 11:52	05/01/23 23:15	207-08-9	
Chrysene	254	ug/kg	55.5	38.1	10	04/30/23 11:52	05/01/23 23:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	55.5	27.3	10	04/30/23 11:52	05/01/23 23:15	53-70-3	
Fluoranthene	341	ug/kg	55.5	38.6	10	04/30/23 11:52	05/01/23 23:15	206-44-0	
Fluorene	ND	ug/kg	55.5	21.9	10	04/30/23 11:52	05/01/23 23:15	86-73-7	
Indeno(1,2,3-cd)pyrene	123	ug/kg	55.5	28.3	10	04/30/23 11:52	05/01/23 23:15	193-39-5	
2-Methylnaphthalene	84.6	ug/kg	55.5	52.1	10	04/30/23 11:52	05/01/23 23:15	91-57-6	
Naphthalene	117	ug/kg	55.5	51.0	10	04/30/23 11:52	05/01/23 23:15	91-20-3	ED
Phenanthrene	249	ug/kg	55.5	39.9	10	04/30/23 11:52	05/01/23 23:15	85-01-8	
Pyrene	312	ug/kg	55.5	38.1	10	04/30/23 11:52	05/01/23 23:15	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	23-115		10	04/30/23 11:52	05/01/23 23:15	321-60-8	
p-Terphenyl-d14 (S)	62	%	19-136		10	04/30/23 11:52	05/01/23 23:15	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.2	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-59 (0-2) **Lab ID: 50343361011** Collected: 04/26/23 10:15 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7750	ug/kg	1120	191	1	05/04/23 12:40	05/05/23 16:44	7440-38-2	
Barium	112000	ug/kg	1120	209	1	05/04/23 12:40	05/05/23 16:44	7440-39-3	
Chromium	17800	ug/kg	1120	188	1	05/04/23 12:40	05/05/23 16:44	7440-47-3	
Copper	26200	ug/kg	1120	323	1	05/04/23 12:40	05/05/23 16:44	7440-50-8	
Lead	86400	ug/kg	1120	448	1	05/04/23 12:40	05/05/23 16:44	7439-92-1	
Zinc	91300	ug/kg	1120	633	1	05/04/23 12:40	05/05/23 16:44	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	351	ug/kg	52.8	23.1	1	04/30/23 22:45	05/03/23 04:45	7440-43-9	
Selenium	1040J	ug/kg	1060	246	10	04/30/23 22:45	05/04/23 03:55	7782-49-2	D3
Silver	65.2	ug/kg	52.8	1.8	1	04/30/23 22:45	05/03/23 04:45	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	122J	ug/kg	224	25.7	1	05/07/23 20:25	05/08/23 08:46	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	19.0	ug/kg	5.6	2.2	1	04/30/23 11:52	05/01/23 23:28	83-32-9	
Acenaphthylene	24.1	ug/kg	5.6	2.1	1	04/30/23 11:52	05/01/23 23:28	208-96-8	
Anthracene	79.5	ug/kg	5.6	2.8	1	04/30/23 11:52	05/01/23 23:28	120-12-7	
Benzo(a)anthracene	263	ug/kg	5.6	1.6	1	04/30/23 11:52	05/01/23 23:28	56-55-3	
Benzo(a)pyrene	223	ug/kg	5.6	3.3	1	04/30/23 11:52	05/01/23 23:28	50-32-8	
Benzo(b)fluoranthene	284	ug/kg	5.6	3.1	1	04/30/23 11:52	05/01/23 23:28	205-99-2	
Benzo(g,h,i)perylene	127	ug/kg	5.6	3.3	1	04/30/23 11:52	05/01/23 23:28	191-24-2	
Benzo(k)fluoranthene	111	ug/kg	5.6	2.6	1	04/30/23 11:52	05/01/23 23:28	207-08-9	
Chrysene	241	ug/kg	5.6	3.8	1	04/30/23 11:52	05/01/23 23:28	218-01-9	
Dibenz(a,h)anthracene	28.4	ug/kg	5.6	2.7	1	04/30/23 11:52	05/01/23 23:28	53-70-3	
Fluoranthene	521	ug/kg	5.6	3.9	1	04/30/23 11:52	05/01/23 23:28	206-44-0	
Fluorene	20.6	ug/kg	5.6	2.2	1	04/30/23 11:52	05/01/23 23:28	86-73-7	
Indeno(1,2,3-cd)pyrene	115	ug/kg	5.6	2.8	1	04/30/23 11:52	05/01/23 23:28	193-39-5	
2-Methylnaphthalene	17.9	ug/kg	5.6	5.2	1	04/30/23 11:52	05/01/23 23:28	91-57-6	
Naphthalene	16.9	ug/kg	5.6	5.1	1	04/30/23 11:52	05/01/23 23:28	91-20-3	
Phenanthrene	321	ug/kg	5.6	4.0	1	04/30/23 11:52	05/01/23 23:28	85-01-8	
Pyrene	461	ug/kg	5.6	3.8	1	04/30/23 11:52	05/01/23 23:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	04/30/23 11:52	05/01/23 23:28	321-60-8	
p-Terphenyl-d14 (S)	86	%	19-136		1	04/30/23 11:52	05/01/23 23:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.8	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-60 (0-2) **Lab ID: 50343361012** Collected: 04/26/23 10:19 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7040	ug/kg	1030	175	1	05/04/23 12:40	05/05/23 16:47	7440-38-2	
Barium	120000	ug/kg	1030	191	1	05/04/23 12:40	05/05/23 16:47	7440-39-3	
Chromium	19900	ug/kg	1030	172	1	05/04/23 12:40	05/05/23 16:47	7440-47-3	
Copper	16000	ug/kg	1030	295	1	05/04/23 12:40	05/05/23 16:47	7440-50-8	
Lead	82200	ug/kg	1030	409	1	05/04/23 12:40	05/05/23 16:47	7439-92-1	
Zinc	93200	ug/kg	1030	579	1	05/04/23 12:40	05/05/23 16:47	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	507	ug/kg	57.3	25.1	1	04/30/23 22:45	05/03/23 03:55	7440-43-9	
Selenium	1370	ug/kg	1150	267	10	04/30/23 22:45	05/04/23 03:59	7782-49-2	
Silver	105	ug/kg	57.3	1.9	1	04/30/23 22:45	05/03/23 03:55	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	85.3J	ug/kg	231	26.5	1	05/07/23 20:25	05/08/23 08:49	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	20.2	ug/kg	5.8	2.3	1	04/30/23 11:52	05/01/23 23:41	83-32-9	
Acenaphthylene	6.4	ug/kg	5.8	2.2	1	04/30/23 11:52	05/01/23 23:41	208-96-8	
Anthracene	47.0	ug/kg	5.8	2.9	1	04/30/23 11:52	05/01/23 23:41	120-12-7	
Benzo(a)anthracene	150	ug/kg	5.8	1.7	1	04/30/23 11:52	05/01/23 23:41	56-55-3	
Benzo(a)pyrene	132	ug/kg	5.8	3.5	1	04/30/23 11:52	05/01/23 23:41	50-32-8	
Benzo(b)fluoranthene	168	ug/kg	5.8	3.2	1	04/30/23 11:52	05/01/23 23:41	205-99-2	
Benzo(g,h,i)perylene	73.3	ug/kg	5.8	3.5	1	04/30/23 11:52	05/01/23 23:41	191-24-2	
Benzo(k)fluoranthene	65.1	ug/kg	5.8	2.7	1	04/30/23 11:52	05/01/23 23:41	207-08-9	
Chrysene	139	ug/kg	5.8	4.0	1	04/30/23 11:52	05/01/23 23:41	218-01-9	
Dibenz(a,h)anthracene	17.3	ug/kg	5.8	2.9	1	04/30/23 11:52	05/01/23 23:41	53-70-3	
Fluoranthene	298	ug/kg	5.8	4.1	1	04/30/23 11:52	05/01/23 23:41	206-44-0	
Fluorene	15.3	ug/kg	5.8	2.3	1	04/30/23 11:52	05/01/23 23:41	86-73-7	
Indeno(1,2,3-cd)pyrene	68.5	ug/kg	5.8	3.0	1	04/30/23 11:52	05/01/23 23:41	193-39-5	
2-Methylnaphthalene	11.4	ug/kg	5.8	5.5	1	04/30/23 11:52	05/01/23 23:41	91-57-6	
Naphthalene	10.8	ug/kg	5.8	5.4	1	04/30/23 11:52	05/01/23 23:41	91-20-3	
Phenanthrene	181	ug/kg	5.8	4.2	1	04/30/23 11:52	05/01/23 23:41	85-01-8	
Pyrene	256	ug/kg	5.8	4.0	1	04/30/23 11:52	05/01/23 23:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/30/23 11:52	05/01/23 23:41	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		1	04/30/23 11:52	05/01/23 23:41	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.5	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-61 (0-2) **Lab ID: 50343361013** Collected: 04/26/23 10:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7290	ug/kg	1200	204	1	05/04/23 12:40	05/05/23 16:49	7440-38-2	
Barium	118000	ug/kg	1200	223	1	05/04/23 12:40	05/05/23 16:49	7440-39-3	
Chromium	26500	ug/kg	1200	201	1	05/04/23 12:40	05/05/23 16:49	7440-47-3	
Copper	28100	ug/kg	1200	345	1	05/04/23 12:40	05/05/23 16:49	7440-50-8	
Lead	48100	ug/kg	1200	478	1	05/04/23 12:40	05/05/23 16:49	7439-92-1	
Zinc	78500	ug/kg	1200	676	1	05/04/23 12:40	05/05/23 16:49	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	177	ug/kg	61.5	26.9	1	04/30/23 22:45	05/03/23 04:05	7440-43-9	
Selenium	1310	ug/kg	1230	287	10	04/30/23 22:45	05/04/23 04:02	7782-49-2	
Silver	86.7	ug/kg	61.5	2.1	1	04/30/23 22:45	05/03/23 04:05	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	199J	ug/kg	234	26.9	1	05/07/23 20:25	05/08/23 08:51	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	13.5	ug/kg	6.0	2.4	1	04/30/23 11:52	05/01/23 23:55	83-32-9	
Acenaphthylene	ND	ug/kg	6.0	2.3	1	04/30/23 11:52	05/01/23 23:55	208-96-8	
Anthracene	39.0	ug/kg	6.0	3.0	1	04/30/23 11:52	05/01/23 23:55	120-12-7	
Benzo(a)anthracene	104	ug/kg	6.0	1.7	1	04/30/23 11:52	05/01/23 23:55	56-55-3	
Benzo(a)pyrene	93.1	ug/kg	6.0	3.6	1	04/30/23 11:52	05/01/23 23:55	50-32-8	
Benzo(b)fluoranthene	115	ug/kg	6.0	3.3	1	04/30/23 11:52	05/01/23 23:55	205-99-2	
Benzo(g,h,i)perylene	51.1	ug/kg	6.0	3.6	1	04/30/23 11:52	05/01/23 23:55	191-24-2	
Benzo(k)fluoranthene	42.1	ug/kg	6.0	2.8	1	04/30/23 11:52	05/01/23 23:55	207-08-9	
Chrysene	91.2	ug/kg	6.0	4.1	1	04/30/23 11:52	05/01/23 23:55	218-01-9	
Dibenz(a,h)anthracene	15.0	ug/kg	6.0	3.0	1	04/30/23 11:52	05/01/23 23:55	53-70-3	
Fluoranthene	207	ug/kg	6.0	4.2	1	04/30/23 11:52	05/01/23 23:55	206-44-0	
Fluorene	11.8	ug/kg	6.0	2.4	1	04/30/23 11:52	05/01/23 23:55	86-73-7	
Indeno(1,2,3-cd)pyrene	47.1	ug/kg	6.0	3.1	1	04/30/23 11:52	05/01/23 23:55	193-39-5	
2-Methylnaphthalene	6.9	ug/kg	6.0	5.7	1	04/30/23 11:52	05/01/23 23:55	91-57-6	
Naphthalene	5.9J	ug/kg	6.0	5.5	1	04/30/23 11:52	05/01/23 23:55	91-20-3	
Phenanthrene	128	ug/kg	6.0	4.3	1	04/30/23 11:52	05/01/23 23:55	85-01-8	
Pyrene	171	ug/kg	6.0	4.1	1	04/30/23 11:52	05/01/23 23:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	23-115		1	04/30/23 11:52	05/01/23 23:55	321-60-8	
p-Terphenyl-d14 (S)	68	%	19-136		1	04/30/23 11:52	05/01/23 23:55	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.2	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-62 (0-2) **Lab ID: 50343361014** Collected: 04/26/23 10:26 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7840	ug/kg	1030	175	1	05/04/23 12:40	05/05/23 16:51	7440-38-2	
Barium	82500	ug/kg	1030	192	1	05/04/23 12:40	05/05/23 16:51	7440-39-3	
Chromium	17900	ug/kg	1030	172	1	05/04/23 12:40	05/05/23 16:51	7440-47-3	
Copper	23000	ug/kg	1030	296	1	05/04/23 12:40	05/05/23 16:51	7440-50-8	
Lead	52600	ug/kg	1030	410	1	05/04/23 12:40	05/05/23 16:51	7439-92-1	
Zinc	73500	ug/kg	1030	580	1	05/04/23 12:40	05/05/23 16:51	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	356	ug/kg	55.9	24.5	1	04/30/23 22:45	05/03/23 04:08	7440-43-9	
Selenium	876	ug/kg	559	130	5	04/30/23 22:45	05/04/23 03:13	7782-49-2	
Silver	97.0	ug/kg	55.9	1.9	1	04/30/23 22:45	05/03/23 04:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	128J	ug/kg	220	25.2	1	05/07/23 20:25	05/08/23 08:54	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	349	ug/kg	27.3	11.0	5	04/30/23 11:52	05/02/23 00:08	83-32-9	
Acenaphthylene	49.1	ug/kg	27.3	10.3	5	04/30/23 11:52	05/02/23 00:08	208-96-8	
Anthracene	1270	ug/kg	27.3	13.7	5	04/30/23 11:52	05/02/23 00:08	120-12-7	
Benzo(a)anthracene	2630	ug/kg	27.3	7.7	5	04/30/23 11:52	05/02/23 00:08	56-55-3	
Benzo(a)pyrene	2170	ug/kg	27.3	16.2	5	04/30/23 11:52	05/02/23 00:08	50-32-8	
Benzo(b)fluoranthene	2640	ug/kg	27.3	15.0	5	04/30/23 11:52	05/02/23 00:08	205-99-2	
Benzo(g,h,i)perylene	1160	ug/kg	27.3	16.2	5	04/30/23 11:52	05/02/23 00:08	191-24-2	
Benzo(k)fluoranthene	903	ug/kg	27.3	12.6	5	04/30/23 11:52	05/02/23 00:08	207-08-9	
Chrysene	2400	ug/kg	27.3	18.7	5	04/30/23 11:52	05/02/23 00:08	218-01-9	
Dibenz(a,h)anthracene	326	ug/kg	27.3	13.4	5	04/30/23 11:52	05/02/23 00:08	53-70-3	
Fluoranthene	5820	ug/kg	27.3	19.0	5	04/30/23 11:52	05/02/23 00:08	206-44-0	
Fluorene	488	ug/kg	27.3	10.8	5	04/30/23 11:52	05/02/23 00:08	86-73-7	
Indeno(1,2,3-cd)pyrene	1040	ug/kg	27.3	13.9	5	04/30/23 11:52	05/02/23 00:08	193-39-5	
2-Methylnaphthalene	70.2	ug/kg	27.3	25.6	5	04/30/23 11:52	05/02/23 00:08	91-57-6	
Naphthalene	55.8	ug/kg	27.3	25.1	5	04/30/23 11:52	05/02/23 00:08	91-20-3	ED
Phenanthrene	5100	ug/kg	27.3	19.6	5	04/30/23 11:52	05/02/23 00:08	85-01-8	
Pyrene	5330	ug/kg	27.3	18.7	5	04/30/23 11:52	05/02/23 00:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		5	04/30/23 11:52	05/02/23 00:08	321-60-8	
p-Terphenyl-d14 (S)	81	%	19-136		5	04/30/23 11:52	05/02/23 00:08	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.0	%	0.10	0.10	1		05/05/23 19:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-63 (0-2) **Lab ID: 50343361015** Collected: 04/26/23 10:30 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8850	ug/kg	1130	192	1	05/04/23 12:40	05/05/23 16:54	7440-38-2	
Barium	78500	ug/kg	1130	210	1	05/04/23 12:40	05/05/23 16:54	7440-39-3	
Chromium	20600	ug/kg	1130	189	1	05/04/23 12:40	05/05/23 16:54	7440-47-3	
Copper	23600	ug/kg	1130	324	1	05/04/23 12:40	05/05/23 16:54	7440-50-8	
Lead	21200	ug/kg	1130	449	1	05/04/23 12:40	05/05/23 16:54	7439-92-1	
Zinc	61700	ug/kg	1130	636	1	05/04/23 12:40	05/05/23 16:54	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	210	ug/kg	56.5	24.7	1	04/30/23 22:45	05/03/23 04:12	7440-43-9	
Selenium	1150	ug/kg	565	132	5	04/30/23 22:45	05/04/23 03:17	7782-49-2	
Silver	62.9	ug/kg	56.5	1.9	1	04/30/23 22:45	05/03/23 04:12	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	31.5J	ug/kg	239	27.5	1	05/07/23 20:25	05/08/23 08:56	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	14.9	ug/kg	5.7	2.3	1	04/30/23 11:52	05/02/23 00:21	83-32-9	
Acenaphthylene	4.6J	ug/kg	5.7	2.2	1	04/30/23 11:52	05/02/23 00:21	208-96-8	
Anthracene	32.0	ug/kg	5.7	2.9	1	04/30/23 11:52	05/02/23 00:21	120-12-7	
Benzo(a)anthracene	112	ug/kg	5.7	1.6	1	04/30/23 11:52	05/02/23 00:21	56-55-3	
Benzo(a)pyrene	98.8	ug/kg	5.7	3.4	1	04/30/23 11:52	05/02/23 00:21	50-32-8	
Benzo(b)fluoranthene	134	ug/kg	5.7	3.2	1	04/30/23 11:52	05/02/23 00:21	205-99-2	
Benzo(g,h,i)perylene	58.0	ug/kg	5.7	3.4	1	04/30/23 11:52	05/02/23 00:21	191-24-2	
Benzo(k)fluoranthene	44.0	ug/kg	5.7	2.6	1	04/30/23 11:52	05/02/23 00:21	207-08-9	
Chrysene	107	ug/kg	5.7	3.9	1	04/30/23 11:52	05/02/23 00:21	218-01-9	
Dibenz(a,h)anthracene	16.3	ug/kg	5.7	2.8	1	04/30/23 11:52	05/02/23 00:21	53-70-3	
Fluoranthene	210	ug/kg	5.7	4.0	1	04/30/23 11:52	05/02/23 00:21	206-44-0	
Fluorene	12.7	ug/kg	5.7	2.3	1	04/30/23 11:52	05/02/23 00:21	86-73-7	
Indeno(1,2,3-cd)pyrene	50.7	ug/kg	5.7	2.9	1	04/30/23 11:52	05/02/23 00:21	193-39-5	
2-Methylnaphthalene	11.4	ug/kg	5.7	5.4	1	04/30/23 11:52	05/02/23 00:21	91-57-6	
Naphthalene	11.5	ug/kg	5.7	5.3	1	04/30/23 11:52	05/02/23 00:21	91-20-3	
Phenanthrene	138	ug/kg	5.7	4.1	1	04/30/23 11:52	05/02/23 00:21	85-01-8	
Pyrene	196	ug/kg	5.7	3.9	1	04/30/23 11:52	05/02/23 00:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	04/30/23 11:52	05/02/23 00:21	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	04/30/23 11:52	05/02/23 00:21	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.0	%	0.10	0.10	1		05/05/23 19:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-64 (0-2) **Lab ID: 50343361016** Collected: 04/26/23 10:34 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7660	ug/kg	1120	190	1	05/04/23 12:40	05/05/23 17:07	7440-38-2	
Barium	144000	ug/kg	1120	208	1	05/04/23 12:40	05/05/23 17:07	7440-39-3	
Chromium	18400	ug/kg	1120	186	1	05/04/23 12:40	05/05/23 17:07	7440-47-3	
Copper	41700	ug/kg	1120	320	1	05/04/23 12:40	05/05/23 17:07	7440-50-8	
Lead	87500	ug/kg	1120	444	1	05/04/23 12:40	05/05/23 17:07	7439-92-1	
Zinc	118000	ug/kg	1120	628	1	05/04/23 12:40	05/05/23 17:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	661	ug/kg	55.8	24.5	1	04/30/23 22:45	05/03/23 04:15	7440-43-9	
Selenium	813	ug/kg	558	130	5	04/30/23 22:45	05/04/23 03:20	7782-49-2	
Silver	173	ug/kg	55.8	1.9	1	04/30/23 22:45	05/03/23 04:15	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	202J	ug/kg	222	25.6	1	05/07/23 20:25	05/08/23 09:03	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	31.6	ug/kg	5.7	2.3	1	04/30/23 11:52	05/02/23 00:35	83-32-9	
Acenaphthylene	14.3	ug/kg	5.7	2.2	1	04/30/23 11:52	05/02/23 00:35	208-96-8	
Anthracene	82.2	ug/kg	5.7	2.9	1	04/30/23 11:52	05/02/23 00:35	120-12-7	
Benzo(a)anthracene	349	ug/kg	5.7	1.6	1	04/30/23 11:52	05/02/23 00:35	56-55-3	
Benzo(a)pyrene	331	ug/kg	5.7	3.4	1	04/30/23 11:52	05/02/23 00:35	50-32-8	
Benzo(b)fluoranthene	405	ug/kg	5.7	3.2	1	04/30/23 11:52	05/02/23 00:35	205-99-2	
Benzo(g,h,i)perylene	199	ug/kg	5.7	3.4	1	04/30/23 11:52	05/02/23 00:35	191-24-2	
Benzo(k)fluoranthene	140	ug/kg	5.7	2.7	1	04/30/23 11:52	05/02/23 00:35	207-08-9	
Chrysene	319	ug/kg	5.7	3.9	1	04/30/23 11:52	05/02/23 00:35	218-01-9	
Dibenz(a,h)anthracene	53.0	ug/kg	5.7	2.8	1	04/30/23 11:52	05/02/23 00:35	53-70-3	
Fluoranthene	656	ug/kg	5.7	4.0	1	04/30/23 11:52	05/02/23 00:35	206-44-0	
Fluorene	27.6	ug/kg	5.7	2.3	1	04/30/23 11:52	05/02/23 00:35	86-73-7	
Indeno(1,2,3-cd)pyrene	175	ug/kg	5.7	2.9	1	04/30/23 11:52	05/02/23 00:35	193-39-5	
2-Methylnaphthalene	24.4	ug/kg	5.7	5.4	1	04/30/23 11:52	05/02/23 00:35	91-57-6	
Naphthalene	23.5	ug/kg	5.7	5.3	1	04/30/23 11:52	05/02/23 00:35	91-20-3	
Phenanthrene	339	ug/kg	5.7	4.1	1	04/30/23 11:52	05/02/23 00:35	85-01-8	
Pyrene	611	ug/kg	5.7	3.9	1	04/30/23 11:52	05/02/23 00:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/30/23 11:52	05/02/23 00:35	321-60-8	
p-Terphenyl-d14 (S)	76	%	19-136		1	04/30/23 11:52	05/02/23 00:35	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.1	%	0.10	0.10	1		05/05/23 19:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-65 (0-2) **Lab ID: 50343361017** Collected: 04/26/23 10:37 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8840	ug/kg	1220	208	1	05/04/23 12:40	05/05/23 17:09	7440-38-2	
Barium	393000	ug/kg	1220	228	1	05/04/23 12:40	05/05/23 17:09	7440-39-3	
Chromium	20200	ug/kg	1220	204	1	05/04/23 12:40	05/05/23 17:09	7440-47-3	
Copper	76100	ug/kg	1220	351	1	05/04/23 12:40	05/05/23 17:09	7440-50-8	
Lead	388000	ug/kg	1220	487	1	05/04/23 12:40	05/05/23 17:09	7439-92-1	
Zinc	291000	ug/kg	1220	689	1	05/04/23 12:40	05/05/23 17:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	745	ug/kg	58.1	25.4	1	04/30/23 22:45	05/03/23 04:25	7440-43-9	
Selenium	851	ug/kg	581	135	5	04/30/23 22:45	05/04/23 03:31	7782-49-2	
Silver	74.8	ug/kg	58.1	2.0	1	04/30/23 22:45	05/03/23 04:25	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	166J	ug/kg	246	28.3	1	05/07/23 20:25	05/08/23 09:06	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	45.9	ug/kg	6.0	2.4	1	04/30/23 11:52	05/02/23 00:48	83-32-9	
Acenaphthylene	23.4	ug/kg	6.0	2.2	1	04/30/23 11:52	05/02/23 00:48	208-96-8	
Anthracene	191	ug/kg	6.0	3.0	1	04/30/23 11:52	05/02/23 00:48	120-12-7	
Benzo(a)anthracene	550	ug/kg	6.0	1.7	1	04/30/23 11:52	05/02/23 00:48	56-55-3	
Benzo(a)pyrene	451	ug/kg	6.0	3.6	1	04/30/23 11:52	05/02/23 00:48	50-32-8	
Benzo(b)fluoranthene	591	ug/kg	6.0	3.3	1	04/30/23 11:52	05/02/23 00:48	205-99-2	
Benzo(g,h,i)perylene	259	ug/kg	6.0	3.5	1	04/30/23 11:52	05/02/23 00:48	191-24-2	
Benzo(k)fluoranthene	209	ug/kg	6.0	2.8	1	04/30/23 11:52	05/02/23 00:48	207-08-9	
Chrysene	505	ug/kg	6.0	4.1	1	04/30/23 11:52	05/02/23 00:48	218-01-9	
Dibenz(a,h)anthracene	59.0	ug/kg	6.0	2.9	1	04/30/23 11:52	05/02/23 00:48	53-70-3	
Fluoranthene	1240	ug/kg	6.0	4.2	1	04/30/23 11:52	05/02/23 00:48	206-44-0	
Fluorene	74.5	ug/kg	6.0	2.4	1	04/30/23 11:52	05/02/23 00:48	86-73-7	
Indeno(1,2,3-cd)pyrene	231	ug/kg	6.0	3.0	1	04/30/23 11:52	05/02/23 00:48	193-39-5	
2-Methylnaphthalene	45.7	ug/kg	6.0	5.6	1	04/30/23 11:52	05/02/23 00:48	91-57-6	
Naphthalene	54.9	ug/kg	6.0	5.5	1	04/30/23 11:52	05/02/23 00:48	91-20-3	
Phenanthrene	983	ug/kg	6.0	4.3	1	04/30/23 11:52	05/02/23 00:48	85-01-8	
Pyrene	1000	ug/kg	6.0	4.1	1	04/30/23 11:52	05/02/23 00:48	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	04/30/23 11:52	05/02/23 00:48	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	04/30/23 11:52	05/02/23 00:48	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.5	%	0.10	0.10	1		05/05/23 19:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-66 (0-2) **Lab ID: 50343361018** Collected: 04/26/23 10:41 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10600	ug/kg	1160	197	1	05/04/23 12:40	05/05/23 17:11	7440-38-2	
Barium	171000	ug/kg	1160	216	1	05/04/23 12:40	05/05/23 17:11	7440-39-3	
Chromium	21900	ug/kg	1160	194	1	05/04/23 12:40	05/05/23 17:11	7440-47-3	
Copper	320000	ug/kg	1160	333	1	05/04/23 12:40	05/05/23 17:11	7440-50-8	
Lead	266000	ug/kg	1160	462	1	05/04/23 12:40	05/05/23 17:11	7439-92-1	
Zinc	416000	ug/kg	1160	654	1	05/04/23 12:40	05/05/23 17:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2070	ug/kg	56.3	24.7	1	04/30/23 22:45	05/03/23 04:29	7440-43-9	
Selenium	1160	ug/kg	563	131	5	04/30/23 22:45	05/04/23 03:34	7782-49-2	
Silver	914	ug/kg	56.3	1.9	1	04/30/23 22:45	05/03/23 04:29	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1380	ug/kg	236	27.2	1	05/07/23 20:25	05/08/23 09:08	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	147	ug/kg	5.8	2.3	1	04/30/23 11:52	05/02/23 01:01	83-32-9	
Acenaphthylene	407	ug/kg	5.8	2.2	1	04/30/23 11:52	05/02/23 01:01	208-96-8	
Anthracene	1080	ug/kg	5.8	2.9	1	04/30/23 11:52	05/02/23 01:01	120-12-7	
Benzo(a)anthracene	3100	ug/kg	5.8	1.6	1	04/30/23 11:52	05/02/23 01:01	56-55-3	
Benzo(a)pyrene	2370	ug/kg	5.8	3.4	1	04/30/23 11:52	05/02/23 01:01	50-32-8	
Benzo(b)fluoranthene	3050	ug/kg	5.8	3.2	1	04/30/23 11:52	05/02/23 01:01	205-99-2	
Benzo(g,h,i)perylene	1180	ug/kg	5.8	3.4	1	04/30/23 11:52	05/02/23 01:01	191-24-2	
Benzo(k)fluoranthene	995	ug/kg	5.8	2.7	1	04/30/23 11:52	05/02/23 01:01	207-08-9	
Chrysene	2760	ug/kg	5.8	4.0	1	04/30/23 11:52	05/02/23 01:01	218-01-9	
Dibenz(a,h)anthracene	371	ug/kg	5.8	2.8	1	04/30/23 11:52	05/02/23 01:01	53-70-3	
Fluoranthene	5870	ug/kg	5.8	4.0	1	04/30/23 11:52	05/02/23 01:01	206-44-0	
Fluorene	310	ug/kg	5.8	2.3	1	04/30/23 11:52	05/02/23 01:01	86-73-7	
Indeno(1,2,3-cd)pyrene	1100	ug/kg	5.8	2.9	1	04/30/23 11:52	05/02/23 01:01	193-39-5	
2-Methylnaphthalene	151	ug/kg	5.8	5.4	1	04/30/23 11:52	05/02/23 01:01	91-57-6	
Naphthalene	150	ug/kg	5.8	5.3	1	04/30/23 11:52	05/02/23 01:01	91-20-3	
Phenanthrene	3490	ug/kg	5.8	4.1	1	04/30/23 11:52	05/02/23 01:01	85-01-8	
Pyrene	5400	ug/kg	5.8	3.9	1	04/30/23 11:52	05/02/23 01:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		1	04/30/23 11:52	05/02/23 01:01	321-60-8	
p-Terphenyl-d14 (S)	72	%	19-136		1	04/30/23 11:52	05/02/23 01:01	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.2	%	0.10	0.10	1		05/05/23 19:18		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-67 (0-2) **Lab ID: 50343361019** Collected: 04/26/23 10:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6940	ug/kg	1210	205	1	05/04/23 12:40	05/05/23 17:13	7440-38-2	
Barium	94800	ug/kg	1210	224	1	05/04/23 12:40	05/05/23 17:13	7440-39-3	
Chromium	22200	ug/kg	1210	202	1	05/04/23 12:40	05/05/23 17:13	7440-47-3	
Copper	61100	ug/kg	1210	346	1	05/04/23 12:40	05/05/23 17:13	7440-50-8	
Lead	102000	ug/kg	1210	480	1	05/04/23 12:40	05/05/23 17:13	7439-92-1	
Zinc	164000	ug/kg	1210	679	1	05/04/23 12:40	05/05/23 17:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	919	ug/kg	70.5	30.9	1	04/30/23 22:45	05/03/23 04:32	7440-43-9	
Selenium	856	ug/kg	705	164	5	04/30/23 22:45	05/04/23 03:38	7782-49-2	
Silver	114	ug/kg	70.5	2.4	1	04/30/23 22:45	05/03/23 04:32	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	182J	ug/kg	308	35.4	1	05/07/23 20:25	05/08/23 09:11	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	31.8	ug/kg	7.2	2.9	1	04/30/23 11:52	05/02/23 01:15	83-32-9	
Acenaphthylene	11.2	ug/kg	7.2	2.7	1	04/30/23 11:52	05/02/23 01:15	208-96-8	
Anthracene	95.3	ug/kg	7.2	3.6	1	04/30/23 11:52	05/02/23 01:15	120-12-7	
Benzo(a)anthracene	342	ug/kg	7.2	2.1	1	04/30/23 11:52	05/02/23 01:15	56-55-3	
Benzo(a)pyrene	308	ug/kg	7.2	4.3	1	04/30/23 11:52	05/02/23 01:15	50-32-8	
Benzo(b)fluoranthene	411	ug/kg	7.2	4.0	1	04/30/23 11:52	05/02/23 01:15	205-99-2	
Benzo(g,h,i)perylene	197	ug/kg	7.2	4.3	1	04/30/23 11:52	05/02/23 01:15	191-24-2	
Benzo(k)fluoranthene	148	ug/kg	7.2	3.3	1	04/30/23 11:52	05/02/23 01:15	207-08-9	
Chrysene	340	ug/kg	7.2	5.0	1	04/30/23 11:52	05/02/23 01:15	218-01-9	
Dibenz(a,h)anthracene	40.9	ug/kg	7.2	3.6	1	04/30/23 11:52	05/02/23 01:15	53-70-3	
Fluoranthene	779	ug/kg	7.2	5.0	1	04/30/23 11:52	05/02/23 01:15	206-44-0	
Fluorene	29.6	ug/kg	7.2	2.9	1	04/30/23 11:52	05/02/23 01:15	86-73-7	
Indeno(1,2,3-cd)pyrene	174	ug/kg	7.2	3.7	1	04/30/23 11:52	05/02/23 01:15	193-39-5	
2-Methylnaphthalene	21.1	ug/kg	7.2	6.8	1	04/30/23 11:52	05/02/23 01:15	91-57-6	
Naphthalene	21.5	ug/kg	7.2	6.6	1	04/30/23 11:52	05/02/23 01:15	91-20-3	
Phenanthrene	461	ug/kg	7.2	5.2	1	04/30/23 11:52	05/02/23 01:15	85-01-8	
Pyrene	636	ug/kg	7.2	5.0	1	04/30/23 11:52	05/02/23 01:15	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	23-115		1	04/30/23 11:52	05/02/23 01:15	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136		1	04/30/23 11:52	05/02/23 01:15	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	33.1	%	0.10	0.10	1		05/05/23 19:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-68 (0-2) **Lab ID: 50343361020** Collected: 04/26/23 11:15 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6770	ug/kg	1180	200	1	05/04/23 12:40	05/05/23 17:15	7440-38-2	
Barium	92200	ug/kg	1180	219	1	05/04/23 12:40	05/05/23 17:15	7440-39-3	
Chromium	24300	ug/kg	1180	196	1	05/04/23 12:40	05/05/23 17:15	7440-47-3	
Copper	37200	ug/kg	1180	337	1	05/04/23 12:40	05/05/23 17:15	7440-50-8	
Lead	135000	ug/kg	1180	468	1	05/04/23 12:40	05/05/23 17:15	7439-92-1	
Zinc	123000	ug/kg	1180	662	1	05/04/23 12:40	05/05/23 17:15	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1380	ug/kg	59.1	25.9	1	04/30/23 22:45	05/03/23 04:35	7440-43-9	
Selenium	1150	ug/kg	591	138	5	04/30/23 22:45	05/04/23 03:41	7782-49-2	
Silver	121	ug/kg	59.1	2.0	1	04/30/23 22:45	05/03/23 04:35	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	307	ug/kg	253	29.1	1	05/07/23 20:25	05/08/23 09:13	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	59.6	ug/kg	30.3	12.2	5	04/30/23 11:52	05/02/23 01:28	83-32-9	
Acenaphthylene	30.3J	ug/kg	30.3	11.4	5	04/30/23 11:52	05/02/23 01:28	208-96-8	
Anthracene	213	ug/kg	30.3	15.2	5	04/30/23 11:52	05/02/23 01:28	120-12-7	
Benzo(a)anthracene	685	ug/kg	30.3	8.6	5	04/30/23 11:52	05/02/23 01:28	56-55-3	
Benzo(a)pyrene	642	ug/kg	30.3	18.1	5	04/30/23 11:52	05/02/23 01:28	50-32-8	
Benzo(b)fluoranthene	809	ug/kg	30.3	16.7	5	04/30/23 11:52	05/02/23 01:28	205-99-2	
Benzo(g,h,i)perylene	403	ug/kg	30.3	18.0	5	04/30/23 11:52	05/02/23 01:28	191-24-2	
Benzo(k)fluoranthene	298	ug/kg	30.3	14.0	5	04/30/23 11:52	05/02/23 01:28	207-08-9	
Chrysene	661	ug/kg	30.3	20.8	5	04/30/23 11:52	05/02/23 01:28	218-01-9	
Dibenz(a,h)anthracene	85.5	ug/kg	30.3	14.9	5	04/30/23 11:52	05/02/23 01:28	53-70-3	
Fluoranthene	1420	ug/kg	30.3	21.1	5	04/30/23 11:52	05/02/23 01:28	206-44-0	
Fluorene	57.6	ug/kg	30.3	12.0	5	04/30/23 11:52	05/02/23 01:28	86-73-7	
Indeno(1,2,3-cd)pyrene	352	ug/kg	30.3	15.5	5	04/30/23 11:52	05/02/23 01:28	193-39-5	
2-Methylnaphthalene	57.3	ug/kg	30.3	28.5	5	04/30/23 11:52	05/02/23 01:28	91-57-6	
Naphthalene	45.0	ug/kg	30.3	27.9	5	04/30/23 11:52	05/02/23 01:28	91-20-3	ED
Phenanthrene	860	ug/kg	30.3	21.8	5	04/30/23 11:52	05/02/23 01:28	85-01-8	
Pyrene	1250	ug/kg	30.3	20.8	5	04/30/23 11:52	05/02/23 01:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	23-115		5	04/30/23 11:52	05/02/23 01:28	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		5	04/30/23 11:52	05/02/23 01:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	18.7	%	0.10	0.10	1		05/05/23 19:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-69 (0-2) **Lab ID: 50343361021** Collected: 04/26/23 11:20 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8540	ug/kg	1120	187	1	05/04/23 12:40	05/10/23 13:42	7440-38-2	
Barium	80400	ug/kg	1120	211	1	05/04/23 12:40	05/10/23 13:42	7440-39-3	
Chromium	19300	ug/kg	1120	1070	1	05/04/23 12:40	05/10/23 13:42	7440-47-3	
Copper	19800	ug/kg	1120	268	1	05/04/23 12:40	05/10/23 13:42	7440-50-8	
Lead	10600	ug/kg	1120	521	1	05/04/23 12:40	05/10/23 13:42	7439-92-1	
Zinc	51300	ug/kg	1120	972	1	05/04/23 12:40	05/10/23 13:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	94.6	ug/kg	55.8	24.4	1	04/30/23 22:45	05/03/23 05:05	7440-43-9	
Selenium	783	ug/kg	558	130	5	04/30/23 22:45	05/04/23 04:06	7782-49-2	
Silver	54.5J	ug/kg	55.8	1.9	1	04/30/23 22:45	05/03/23 05:05	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	223	25.7	1	05/07/23 20:25	05/08/23 09:16	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.6	2.3	1	04/30/23 11:52	05/02/23 01:42	83-32-9	
Acenaphthylene	ND	ug/kg	5.6	2.1	1	04/30/23 11:52	05/02/23 01:42	208-96-8	
Anthracene	ND	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 01:42	120-12-7	
Benzo(a)anthracene	8.3	ug/kg	5.6	1.6	1	04/30/23 11:52	05/02/23 01:42	56-55-3	
Benzo(a)pyrene	10.7	ug/kg	5.6	3.3	1	04/30/23 11:52	05/02/23 01:42	50-32-8	
Benzo(b)fluoranthene	16.0	ug/kg	5.6	3.1	1	04/30/23 11:52	05/02/23 01:42	205-99-2	
Benzo(g,h,i)perylene	9.7	ug/kg	5.6	3.3	1	04/30/23 11:52	05/02/23 01:42	191-24-2	
Benzo(k)fluoranthene	4.0J	ug/kg	5.6	2.6	1	04/30/23 11:52	05/02/23 01:42	207-08-9	
Chrysene	13.6	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 01:42	53-70-3	
Fluoranthene	17.9	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:42	206-44-0	
Fluorene	ND	ug/kg	5.6	2.2	1	04/30/23 11:52	05/02/23 01:42	86-73-7	
Indeno(1,2,3-cd)pyrene	7.4	ug/kg	5.6	2.9	1	04/30/23 11:52	05/02/23 01:42	193-39-5	
2-Methylnaphthalene	5.7	ug/kg	5.6	5.3	1	04/30/23 11:52	05/02/23 01:42	91-57-6	
Naphthalene	ND	ug/kg	5.6	5.2	1	04/30/23 11:52	05/02/23 01:42	91-20-3	
Phenanthrene	10.8	ug/kg	5.6	4.0	1	04/30/23 11:52	05/02/23 01:42	85-01-8	
Pyrene	17.2	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	04/30/23 11:52	05/02/23 01:42	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		1	04/30/23 11:52	05/02/23 01:42	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.4	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-70 (0-2) **Lab ID: 50343361022** Collected: 04/26/23 11:23 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6510	ug/kg	1090	181	1	05/04/23 12:40	05/10/23 13:53	7440-38-2	
Barium	73200	ug/kg	1090	204	1	05/04/23 12:40	05/10/23 13:53	7440-39-3	
Chromium	12500	ug/kg	1090	1030	1	05/04/23 12:40	05/10/23 13:53	7440-47-3	
Copper	22900	ug/kg	1090	259	1	05/04/23 12:40	05/10/23 13:53	7440-50-8	
Lead	64900	ug/kg	1090	503	1	05/04/23 12:40	05/10/23 13:53	7439-92-1	
Zinc	93500	ug/kg	1090	940	1	05/04/23 12:40	05/10/23 13:53	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	631	ug/kg	57.2	25.1	1	04/30/23 22:45	05/03/23 05:29	7440-43-9	
Selenium	754	ug/kg	572	133	5	04/30/23 22:45	05/04/23 04:30	7782-49-2	
Silver	69.2	ug/kg	57.2	1.9	1	04/30/23 22:45	05/03/23 05:29	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	118J	ug/kg	233	26.7	1	05/07/23 20:25	05/08/23 09:18	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	49.0	ug/kg	5.6	2.3	1	04/30/23 11:52	05/02/23 01:55	83-32-9	
Acenaphthylene	27.4	ug/kg	5.6	2.1	1	04/30/23 11:52	05/02/23 01:55	208-96-8	
Anthracene	193	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 01:55	120-12-7	
Benzo(a)anthracene	759	ug/kg	5.6	1.6	1	04/30/23 11:52	05/02/23 01:55	56-55-3	
Benzo(a)pyrene	691	ug/kg	5.6	3.4	1	04/30/23 11:52	05/02/23 01:55	50-32-8	
Benzo(b)fluoranthene	895	ug/kg	5.6	3.1	1	04/30/23 11:52	05/02/23 01:55	205-99-2	
Benzo(g,h,i)perylene	396	ug/kg	5.6	3.3	1	04/30/23 11:52	05/02/23 01:55	191-24-2	
Benzo(k)fluoranthene	318	ug/kg	5.6	2.6	1	04/30/23 11:52	05/02/23 01:55	207-08-9	
Chrysene	717	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:55	218-01-9	
Dibenz(a,h)anthracene	84.7	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 01:55	53-70-3	
Fluoranthene	1530	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:55	206-44-0	
Fluorene	55.9	ug/kg	5.6	2.2	1	04/30/23 11:52	05/02/23 01:55	86-73-7	
Indeno(1,2,3-cd)pyrene	357	ug/kg	5.6	2.9	1	04/30/23 11:52	05/02/23 01:55	193-39-5	
2-Methylnaphthalene	34.0	ug/kg	5.6	5.3	1	04/30/23 11:52	05/02/23 01:55	91-57-6	
Naphthalene	28.9	ug/kg	5.6	5.2	1	04/30/23 11:52	05/02/23 01:55	91-20-3	
Phenanthrene	766	ug/kg	5.6	4.1	1	04/30/23 11:52	05/02/23 01:55	85-01-8	
Pyrene	1300	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 01:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/30/23 11:52	05/02/23 01:55	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		1	04/30/23 11:52	05/02/23 01:55	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-71 (0-2) **Lab ID: 50343361023** Collected: 04/26/23 11:26 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14900	ug/kg	1080	179	1	05/04/23 12:40	05/10/23 13:55	7440-38-2	
Barium	144000	ug/kg	1080	203	1	05/04/23 12:40	05/10/23 13:55	7440-39-3	
Chromium	22200	ug/kg	1080	1030	1	05/04/23 12:40	05/10/23 13:55	7440-47-3	
Copper	38300	ug/kg	1080	257	1	05/04/23 12:40	05/10/23 13:55	7440-50-8	
Lead	117000	ug/kg	1080	500	1	05/04/23 12:40	05/10/23 13:55	7439-92-1	
Zinc	127000	ug/kg	1080	933	1	05/04/23 12:40	05/10/23 13:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1190	ug/kg	57.4	25.1	1	04/30/23 22:45	05/03/23 05:32	7440-43-9	
Selenium	928	ug/kg	574	134	5	04/30/23 22:45	05/04/23 04:34	7782-49-2	
Silver	70.9	ug/kg	57.4	1.9	1	04/30/23 22:45	05/03/23 05:32	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	132J	ug/kg	245	28.2	1	05/07/23 20:25	05/08/23 09:21	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	27.6	ug/kg	5.6	2.3	1	04/30/23 11:52	05/02/23 02:08	83-32-9	
Acenaphthylene	86.9	ug/kg	5.6	2.1	1	04/30/23 11:52	05/02/23 02:08	208-96-8	
Anthracene	140	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 02:08	120-12-7	
Benzo(a)anthracene	976	ug/kg	5.6	1.6	1	04/30/23 11:52	05/02/23 02:08	56-55-3	
Benzo(a)pyrene	884	ug/kg	5.6	3.4	1	04/30/23 11:52	05/02/23 02:08	50-32-8	
Benzo(b)fluoranthene	1110	ug/kg	5.6	3.1	1	04/30/23 11:52	05/02/23 02:08	205-99-2	
Benzo(g,h,i)perylene	511	ug/kg	5.6	3.3	1	04/30/23 11:52	05/02/23 02:08	191-24-2	
Benzo(k)fluoranthene	425	ug/kg	5.6	2.6	1	04/30/23 11:52	05/02/23 02:08	207-08-9	
Chrysene	913	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 02:08	218-01-9	
Dibenz(a,h)anthracene	111	ug/kg	5.6	2.8	1	04/30/23 11:52	05/02/23 02:08	53-70-3	
Fluoranthene	1760	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 02:08	206-44-0	
Fluorene	30.9	ug/kg	5.6	2.2	1	04/30/23 11:52	05/02/23 02:08	86-73-7	
Indeno(1,2,3-cd)pyrene	460	ug/kg	5.6	2.9	1	04/30/23 11:52	05/02/23 02:08	193-39-5	
2-Methylnaphthalene	220	ug/kg	5.6	5.3	1	04/30/23 11:52	05/02/23 02:08	91-57-6	
Naphthalene	139	ug/kg	5.6	5.2	1	04/30/23 11:52	05/02/23 02:08	91-20-3	
Phenanthrene	654	ug/kg	5.6	4.1	1	04/30/23 11:52	05/02/23 02:08	85-01-8	
Pyrene	1630	ug/kg	5.6	3.9	1	04/30/23 11:52	05/02/23 02:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		1	04/30/23 11:52	05/02/23 02:08	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		1	04/30/23 11:52	05/02/23 02:08	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.7	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-72 (0-2) **Lab ID: 50343361024** Collected: 04/26/23 11:29 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10700	ug/kg	1090	181	1	05/04/23 12:40	05/10/23 14:02	7440-38-2	
Barium	246000	ug/kg	1090	205	1	05/04/23 12:40	05/10/23 14:02	7440-39-3	
Chromium	180000	ug/kg	1090	1030	1	05/04/23 12:40	05/10/23 14:02	7440-47-3	
Copper	62200	ug/kg	1090	259	1	05/04/23 12:40	05/10/23 14:02	7440-50-8	
Lead	577000	ug/kg	1090	504	1	05/04/23 12:40	05/10/23 14:02	7439-92-1	
Zinc	316000	ug/kg	1090	941	1	05/04/23 12:40	05/10/23 14:02	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	249	ug/kg	56.8	24.9	1	04/30/23 22:45	05/03/23 05:35	7440-43-9	
Selenium	680	ug/kg	568	132	5	04/30/23 22:45	05/04/23 04:44	7782-49-2	
Silver	70.5	ug/kg	56.8	1.9	1	04/30/23 22:45	05/03/23 05:35	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	232J	ug/kg	234	26.9	1	05/07/23 20:25	05/08/23 09:23	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	42.3	ug/kg	28.9	11.6	5	04/30/23 18:05	05/01/23 16:34	83-32-9	
Acenaphthylene	ND	ug/kg	28.9	10.9	5	04/30/23 18:05	05/01/23 16:34	208-96-8	
Anthracene	116	ug/kg	28.9	14.5	5	04/30/23 18:05	05/01/23 16:34	120-12-7	
Benzo(a)anthracene	588	ug/kg	28.9	8.2	5	04/30/23 18:05	05/01/23 16:34	56-55-3	
Benzo(a)pyrene	583	ug/kg	28.9	17.2	5	04/30/23 18:05	05/01/23 16:34	50-32-8	
Benzo(b)fluoranthene	804	ug/kg	28.9	15.9	5	04/30/23 18:05	05/01/23 16:34	205-99-2	
Benzo(g,h,i)perylene	405	ug/kg	28.9	17.1	5	04/30/23 18:05	05/01/23 16:34	191-24-2	
Benzo(k)fluoranthene	314	ug/kg	28.9	13.3	5	04/30/23 18:05	05/01/23 16:34	207-08-9	
Chrysene	684	ug/kg	28.9	19.8	5	04/30/23 18:05	05/01/23 16:34	218-01-9	
Dibenz(a,h)anthracene	103	ug/kg	28.9	14.2	5	04/30/23 18:05	05/01/23 16:34	53-70-3	
Fluoranthene	1330	ug/kg	28.9	20.1	5	04/30/23 18:05	05/01/23 16:34	206-44-0	
Fluorene	24.3J	ug/kg	28.9	11.4	5	04/30/23 18:05	05/01/23 16:34	86-73-7	
Indeno(1,2,3-cd)pyrene	345	ug/kg	28.9	14.7	5	04/30/23 18:05	05/01/23 16:34	193-39-5	
2-Methylnaphthalene	129	ug/kg	28.9	27.1	5	04/30/23 18:05	05/01/23 16:34	91-57-6	
Naphthalene	88.0	ug/kg	28.9	26.6	5	04/30/23 18:05	05/01/23 16:34	91-20-3	ED
Phenanthrene	645	ug/kg	28.9	20.8	5	04/30/23 18:05	05/01/23 16:34	85-01-8	
Pyrene	1130	ug/kg	28.9	19.8	5	04/30/23 18:05	05/01/23 16:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	23-115		5	04/30/23 18:05	05/01/23 16:34	321-60-8	
p-Terphenyl-d14 (S)	66	%	19-136		5	04/30/23 18:05	05/01/23 16:34	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.9	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-73 (0-2) **Lab ID: 50343361025** Collected: 04/26/23 11:31 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11300	ug/kg	1140	188	1	05/04/23 12:40	05/10/23 14:05	7440-38-2	
Barium	211000	ug/kg	1140	213	1	05/04/23 12:40	05/10/23 14:05	7440-39-3	
Chromium	21200	ug/kg	1140	1080	1	05/04/23 12:40	05/10/23 14:05	7440-47-3	
Copper	52200	ug/kg	1140	270	1	05/04/23 12:40	05/10/23 14:05	7440-50-8	
Lead	473000	ug/kg	1140	526	1	05/04/23 12:40	05/10/23 14:05	7439-92-1	
Zinc	270000	ug/kg	1140	981	1	05/04/23 12:40	05/10/23 14:05	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1590	ug/kg	56.4	24.7	1	04/30/23 22:45	05/03/23 06:56	7440-43-9	
Selenium	1290	ug/kg	564	131	5	04/30/23 22:45	05/04/23 04:48	7782-49-2	
Silver	137	ug/kg	56.4	1.9	1	04/30/23 22:45	05/03/23 06:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	569	ug/kg	235	27.0	1	05/07/23 20:25	05/08/23 09:25	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	737	ug/kg	5.7	2.3	1	04/30/23 18:05	05/04/23 08:56	83-32-9	
Acenaphthylene	80.7	ug/kg	5.7	2.2	1	04/30/23 18:05	05/04/23 08:56	208-96-8	
Anthracene	1590	ug/kg	5.7	2.9	1	04/30/23 18:05	05/04/23 08:56	120-12-7	
Benzo(a)anthracene	4630	ug/kg	5.7	1.6	1	04/30/23 18:05	05/04/23 08:56	56-55-3	
Benzo(a)pyrene	4080	ug/kg	5.7	3.4	1	04/30/23 18:05	05/04/23 08:56	50-32-8	
Benzo(b)fluoranthene	5450	ug/kg	5.7	3.2	1	04/30/23 18:05	05/04/23 08:56	205-99-2	
Benzo(g,h,i)perylene	2540	ug/kg	5.7	3.4	1	04/30/23 18:05	05/04/23 08:56	191-24-2	
Benzo(k)fluoranthene	2130	ug/kg	5.7	2.7	1	04/30/23 18:05	05/04/23 08:56	207-08-9	
Chrysene	4620	ug/kg	5.7	3.9	1	04/30/23 18:05	05/04/23 08:56	218-01-9	
Dibenz(a,h)anthracene	549	ug/kg	5.7	2.8	1	04/30/23 18:05	05/04/23 08:56	53-70-3	
Fluoranthene	11900	ug/kg	28.7	20.0	5	04/30/23 18:05	05/04/23 10:38	206-44-0	
Fluorene	654	ug/kg	5.7	2.3	1	04/30/23 18:05	05/04/23 08:56	86-73-7	
Indeno(1,2,3-cd)pyrene	2280	ug/kg	5.7	2.9	1	04/30/23 18:05	05/04/23 08:56	193-39-5	
2-Methylnaphthalene	180	ug/kg	5.7	5.4	1	04/30/23 18:05	05/04/23 08:56	91-57-6	
Naphthalene	192	ug/kg	5.7	5.3	1	04/30/23 18:05	05/04/23 08:56	91-20-3	
Phenanthrene	8150	ug/kg	28.7	20.7	5	04/30/23 18:05	05/04/23 10:38	85-01-8	
Pyrene	8730	ug/kg	28.7	19.7	5	04/30/23 18:05	05/04/23 10:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	04/30/23 18:05	05/04/23 08:56	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		1	04/30/23 18:05	05/04/23 08:56	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.6	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: **SB-74 (0-2)** Lab ID: **50343361026** Collected: 04/26/23 11:37 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11100	ug/kg	1130	187	1	05/04/23 12:40	05/10/23 14:07	7440-38-2	
Barium	121000	ug/kg	1130	212	1	05/04/23 12:40	05/10/23 14:07	7440-39-3	
Chromium	17600	ug/kg	1130	1070	1	05/04/23 12:40	05/10/23 14:07	7440-47-3	
Copper	35800	ug/kg	1130	269	1	05/04/23 12:40	05/10/23 14:07	7440-50-8	
Lead	87200	ug/kg	1130	523	1	05/04/23 12:40	05/10/23 14:07	7439-92-1	
Zinc	124000	ug/kg	1130	975	1	05/04/23 12:40	05/10/23 14:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	970	ug/kg	55.8	24.4	1	04/30/23 22:45	05/03/23 07:00	7440-43-9	
Selenium	1070	ug/kg	558	130	5	04/30/23 22:45	05/04/23 04:51	7782-49-2	
Silver	85.5	ug/kg	55.8	1.9	1	04/30/23 22:45	05/03/23 07:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	152J	ug/kg	242	27.9	1	05/07/23 20:25	05/08/23 09:35	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	187	ug/kg	5.6	2.3	1	04/30/23 18:05	05/01/23 17:00	83-32-9	
Acenaphthylene	26.5	ug/kg	5.6	2.1	1	04/30/23 18:05	05/01/23 17:00	208-96-8	
Anthracene	492	ug/kg	5.6	2.8	1	04/30/23 18:05	05/01/23 17:00	120-12-7	
Benzo(a)anthracene	1490	ug/kg	5.6	1.6	1	04/30/23 18:05	05/01/23 17:00	56-55-3	
Benzo(a)pyrene	1440	ug/kg	5.6	3.3	1	04/30/23 18:05	05/01/23 17:00	50-32-8	
Benzo(b)fluoranthene	1930	ug/kg	5.6	3.1	1	04/30/23 18:05	05/01/23 17:00	205-99-2	
Benzo(g,h,i)perylene	849	ug/kg	5.6	3.3	1	04/30/23 18:05	05/01/23 17:00	191-24-2	
Benzo(k)fluoranthene	693	ug/kg	5.6	2.6	1	04/30/23 18:05	05/01/23 17:00	207-08-9	
Chrysene	1630	ug/kg	5.6	3.9	1	04/30/23 18:05	05/01/23 17:00	218-01-9	
Dibenz(a,h)anthracene	173	ug/kg	5.6	2.8	1	04/30/23 18:05	05/01/23 17:00	53-70-3	
Fluoranthene	3720	ug/kg	5.6	3.9	1	04/30/23 18:05	05/01/23 17:00	206-44-0	
Fluorene	131	ug/kg	5.6	2.2	1	04/30/23 18:05	05/01/23 17:00	86-73-7	
Indeno(1,2,3-cd)pyrene	757	ug/kg	5.6	2.9	1	04/30/23 18:05	05/01/23 17:00	193-39-5	
2-Methylnaphthalene	69.4	ug/kg	5.6	5.3	1	04/30/23 18:05	05/01/23 17:00	91-57-6	
Naphthalene	74.8	ug/kg	5.6	5.2	1	04/30/23 18:05	05/01/23 17:00	91-20-3	
Phenanthrene	1920	ug/kg	5.6	4.0	1	04/30/23 18:05	05/01/23 17:00	85-01-8	
Pyrene	2870	ug/kg	5.6	3.9	1	04/30/23 18:05	05/01/23 17:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		1	04/30/23 18:05	05/01/23 17:00	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		1	04/30/23 18:05	05/01/23 17:00	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.8	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-75 (0-2) **Lab ID: 50343361027** Collected: 04/26/23 11:43 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9530	ug/kg	1110	184	1	05/04/23 12:40	05/10/23 14:09	7440-38-2	
Barium	95300	ug/kg	1110	208	1	05/04/23 12:40	05/10/23 14:09	7440-39-3	
Chromium	18600	ug/kg	1110	1050	1	05/04/23 12:40	05/10/23 14:09	7440-47-3	
Copper	18100	ug/kg	1110	264	1	05/04/23 12:40	05/10/23 14:09	7440-50-8	
Lead	35800	ug/kg	1110	513	1	05/04/23 12:40	05/10/23 14:09	7439-92-1	
Zinc	71300	ug/kg	1110	958	1	05/04/23 12:40	05/10/23 14:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	531	ug/kg	56.4	24.7	1	04/30/23 22:45	05/03/23 07:03	7440-43-9	
Selenium	1300	ug/kg	1130	263	10	04/30/23 22:45	05/04/23 06:06	7782-49-2	
Silver	79.0	ug/kg	56.4	1.9	1	04/30/23 22:45	05/03/23 07:03	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	89.4J	ug/kg	247	28.4	1	05/07/23 20:25	05/08/23 09:38	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	6.1	ug/kg	5.9	2.4	1	04/30/23 18:05	05/01/23 17:14	83-32-9	
Acenaphthylene	5.6J	ug/kg	5.9	2.2	1	04/30/23 18:05	05/01/23 17:14	208-96-8	
Anthracene	16.4	ug/kg	5.9	3.0	1	04/30/23 18:05	05/01/23 17:14	120-12-7	
Benzo(a)anthracene	92.8	ug/kg	5.9	1.7	1	04/30/23 18:05	05/01/23 17:14	56-55-3	
Benzo(a)pyrene	126	ug/kg	5.9	3.5	1	04/30/23 18:05	05/01/23 17:14	50-32-8	
Benzo(b)fluoranthene	163	ug/kg	5.9	3.2	1	04/30/23 18:05	05/01/23 17:14	205-99-2	
Benzo(g,h,i)perylene	70.2	ug/kg	5.9	3.5	1	04/30/23 18:05	05/01/23 17:14	191-24-2	
Benzo(k)fluoranthene	63.4	ug/kg	5.9	2.7	1	04/30/23 18:05	05/01/23 17:14	207-08-9	
Chrysene	116	ug/kg	5.9	4.0	1	04/30/23 18:05	05/01/23 17:14	218-01-9	
Dibenz(a,h)anthracene	13.8	ug/kg	5.9	2.9	1	04/30/23 18:05	05/01/23 17:14	53-70-3	
Fluoranthene	178	ug/kg	5.9	4.1	1	04/30/23 18:05	05/01/23 17:14	206-44-0	
Fluorene	4.4J	ug/kg	5.9	2.3	1	04/30/23 18:05	05/01/23 17:14	86-73-7	
Indeno(1,2,3-cd)pyrene	64.8	ug/kg	5.9	3.0	1	04/30/23 18:05	05/01/23 17:14	193-39-5	
2-Methylnaphthalene	10.7	ug/kg	5.9	5.5	1	04/30/23 18:05	05/01/23 17:14	91-57-6	
Naphthalene	8.9	ug/kg	5.9	5.4	1	04/30/23 18:05	05/01/23 17:14	91-20-3	
Phenanthrene	86.6	ug/kg	5.9	4.2	1	04/30/23 18:05	05/01/23 17:14	85-01-8	
Pyrene	147	ug/kg	5.9	4.0	1	04/30/23 18:05	05/01/23 17:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		1	04/30/23 18:05	05/01/23 17:14	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	04/30/23 18:05	05/01/23 17:14	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.3	%	0.10	0.10	1		05/05/23 19:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-76 (0-2) **Lab ID: 50343361028** Collected: 04/26/23 11:52 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11600	ug/kg	1140	189	1	05/04/23 12:40	05/10/23 14:11	7440-38-2	
Barium	668000	ug/kg	1140	214	1	05/04/23 12:40	05/10/23 14:11	7440-39-3	
Chromium	24700	ug/kg	1140	1080	1	05/04/23 12:40	05/10/23 14:11	7440-47-3	
Copper	322000	ug/kg	1140	271	1	05/04/23 12:40	05/10/23 14:11	7440-50-8	
Lead	852000	ug/kg	1140	527	1	05/04/23 12:40	05/10/23 14:11	7439-92-1	
Zinc	1850000	ug/kg	1140	984	1	05/04/23 12:40	05/10/23 14:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1370	ug/kg	57.3	25.1	1	04/30/23 22:45	05/03/23 07:06	7440-43-9	
Selenium	1190	ug/kg	573	133	5	04/30/23 22:45	05/04/23 04:58	7782-49-2	
Silver	161	ug/kg	57.3	1.9	1	04/30/23 22:45	05/03/23 07:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	170J	ug/kg	240	27.6	1	05/07/23 20:25	05/08/23 09:40	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	46.1	ug/kg	29.0	11.7	5	04/30/23 18:05	05/01/23 17:27	83-32-9	
Acenaphthylene	ND	ug/kg	29.0	10.9	5	04/30/23 18:05	05/01/23 17:27	208-96-8	
Anthracene	154	ug/kg	29.0	14.5	5	04/30/23 18:05	05/01/23 17:27	120-12-7	
Benzo(a)anthracene	429	ug/kg	29.0	8.2	5	04/30/23 18:05	05/01/23 17:27	56-55-3	
Benzo(a)pyrene	491	ug/kg	29.0	17.3	5	04/30/23 18:05	05/01/23 17:27	50-32-8	
Benzo(b)fluoranthene	641	ug/kg	29.0	16.0	5	04/30/23 18:05	05/01/23 17:27	205-99-2	
Benzo(g,h,i)perylene	315	ug/kg	29.0	17.2	5	04/30/23 18:05	05/01/23 17:27	191-24-2	
Benzo(k)fluoranthene	186	ug/kg	29.0	13.4	5	04/30/23 18:05	05/01/23 17:27	207-08-9	
Chrysene	449	ug/kg	29.0	19.9	5	04/30/23 18:05	05/01/23 17:27	218-01-9	
Dibenz(a,h)anthracene	59.9	ug/kg	29.0	14.3	5	04/30/23 18:05	05/01/23 17:27	53-70-3	
Fluoranthene	863	ug/kg	29.0	20.2	5	04/30/23 18:05	05/01/23 17:27	206-44-0	
Fluorene	49.1	ug/kg	29.0	11.5	5	04/30/23 18:05	05/01/23 17:27	86-73-7	
Indeno(1,2,3-cd)pyrene	276	ug/kg	29.0	14.8	5	04/30/23 18:05	05/01/23 17:27	193-39-5	
2-Methylnaphthalene	127	ug/kg	29.0	27.3	5	04/30/23 18:05	05/01/23 17:27	91-57-6	
Naphthalene	89.7	ug/kg	29.0	26.7	5	04/30/23 18:05	05/01/23 17:27	91-20-3	ED
Phenanthrene	618	ug/kg	29.0	20.9	5	04/30/23 18:05	05/01/23 17:27	85-01-8	
Pyrene	738	ug/kg	29.0	19.9	5	04/30/23 18:05	05/01/23 17:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	45	%	23-115		5	04/30/23 18:05	05/01/23 17:27	321-60-8	
p-Terphenyl-d14 (S)	50	%	19-136		5	04/30/23 18:05	05/01/23 17:27	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.1	%	0.10	0.10	1		05/05/23 19:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-77 (0-2) **Lab ID: 50343361029** Collected: 04/26/23 11:57 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8870	ug/kg	1120	186	1	05/04/23 12:40	05/10/23 14:14	7440-38-2	
Barium	101000	ug/kg	1120	211	1	05/04/23 12:40	05/10/23 14:14	7440-39-3	
Chromium	19600	ug/kg	1120	1060	1	05/04/23 12:40	05/10/23 14:14	7440-47-3	
Copper	116000	ug/kg	1120	267	1	05/04/23 12:40	05/10/23 14:14	7440-50-8	
Lead	290000	ug/kg	1120	519	1	05/04/23 12:40	05/10/23 14:14	7439-92-1	
Zinc	266000	ug/kg	1120	968	1	05/04/23 12:40	05/10/23 14:14	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2790	ug/kg	56.5	24.8	1	04/30/23 22:45	05/03/23 07:16	7440-43-9	
Selenium	854	ug/kg	565	132	5	04/30/23 22:45	05/04/23 05:08	7782-49-2	
Silver	299	ug/kg	56.5	1.9	1	04/30/23 22:45	05/03/23 07:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	463	ug/kg	233	26.8	1	05/07/23 20:25	05/08/23 09:43	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	133	ug/kg	27.9	11.2	5	04/30/23 18:05	05/01/23 17:40	83-32-9	
Acenaphthylene	1210	ug/kg	27.9	10.5	5	04/30/23 18:05	05/01/23 17:40	208-96-8	
Anthracene	1540	ug/kg	27.9	14.0	5	04/30/23 18:05	05/01/23 17:40	120-12-7	
Benzo(a)anthracene	6960	ug/kg	27.9	7.9	5	04/30/23 18:05	05/01/23 17:40	56-55-3	
Benzo(a)pyrene	5120	ug/kg	27.9	16.6	5	04/30/23 18:05	05/01/23 17:40	50-32-8	
Benzo(b)fluoranthene	6610	ug/kg	27.9	15.3	5	04/30/23 18:05	05/01/23 17:40	205-99-2	
Benzo(g,h,i)perylene	2570	ug/kg	27.9	16.5	5	04/30/23 18:05	05/01/23 17:40	191-24-2	
Benzo(k)fluoranthene	2510	ug/kg	27.9	12.9	5	04/30/23 18:05	05/01/23 17:40	207-08-9	
Chrysene	6110	ug/kg	27.9	19.1	5	04/30/23 18:05	05/01/23 17:40	218-01-9	
Dibenz(a,h)anthracene	662	ug/kg	27.9	13.7	5	04/30/23 18:05	05/01/23 17:40	53-70-3	
Fluoranthene	12400	ug/kg	27.9	19.4	5	04/30/23 18:05	05/01/23 17:40	206-44-0	
Fluorene	318	ug/kg	27.9	11.0	5	04/30/23 18:05	05/01/23 17:40	86-73-7	
Indeno(1,2,3-cd)pyrene	2470	ug/kg	27.9	14.2	5	04/30/23 18:05	05/01/23 17:40	193-39-5	
2-Methylnaphthalene	192	ug/kg	27.9	26.2	5	04/30/23 18:05	05/01/23 17:40	91-57-6	
Naphthalene	169	ug/kg	27.9	25.6	5	04/30/23 18:05	05/01/23 17:40	91-20-3	ED
Phenanthrene	5480	ug/kg	27.9	20.1	5	04/30/23 18:05	05/01/23 17:40	85-01-8	
Pyrene	11000	ug/kg	27.9	19.1	5	04/30/23 18:05	05/01/23 17:40	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		5	04/30/23 18:05	05/01/23 17:40	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136		5	04/30/23 18:05	05/01/23 17:40	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/05/23 19:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-78 (0-2) **Lab ID: 50343361030** Collected: 04/26/23 13:49 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8800	ug/kg	1190	198	1	05/04/23 12:40	05/10/23 14:16	7440-38-2	
Barium	101000	ug/kg	1190	224	1	05/04/23 12:40	05/10/23 14:16	7440-39-3	
Chromium	22400	ug/kg	1190	1130	1	05/04/23 12:40	05/10/23 14:16	7440-47-3	
Copper	23800	ug/kg	1190	284	1	05/04/23 12:40	05/10/23 14:16	7440-50-8	
Lead	27800	ug/kg	1190	553	1	05/04/23 12:40	05/10/23 14:16	7439-92-1	
Zinc	74600	ug/kg	1190	1030	1	05/04/23 12:40	05/10/23 14:16	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1210	ug/kg	57.0	25.0	1	04/30/23 22:45	05/03/23 07:20	7440-43-9	
Selenium	898	ug/kg	570	133	5	04/30/23 22:45	05/04/23 05:12	7782-49-2	
Silver	190	ug/kg	57.0	1.9	1	04/30/23 22:45	05/03/23 07:20	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	229J	ug/kg	252	29.0	1	05/07/23 20:25	05/08/23 09:50	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	97.9	ug/kg	28.8	11.6	5	04/30/23 18:05	05/01/23 17:54	83-32-9	
Acenaphthylene	44.1	ug/kg	28.8	10.8	5	04/30/23 18:05	05/01/23 17:54	208-96-8	
Anthracene	253	ug/kg	28.8	14.4	5	04/30/23 18:05	05/01/23 17:54	120-12-7	
Benzo(a)anthracene	1170	ug/kg	28.8	8.2	5	04/30/23 18:05	05/01/23 17:54	56-55-3	
Benzo(a)pyrene	1140	ug/kg	28.8	17.1	5	04/30/23 18:05	05/01/23 17:54	50-32-8	
Benzo(b)fluoranthene	1420	ug/kg	28.8	15.8	5	04/30/23 18:05	05/01/23 17:54	205-99-2	
Benzo(g,h,i)perylene	687	ug/kg	28.8	17.1	5	04/30/23 18:05	05/01/23 17:54	191-24-2	
Benzo(k)fluoranthene	499	ug/kg	28.8	13.3	5	04/30/23 18:05	05/01/23 17:54	207-08-9	
Chrysene	1090	ug/kg	28.8	19.8	5	04/30/23 18:05	05/01/23 17:54	218-01-9	
Dibenz(a,h)anthracene	147	ug/kg	28.8	14.2	5	04/30/23 18:05	05/01/23 17:54	53-70-3	
Fluoranthene	2070	ug/kg	28.8	20.0	5	04/30/23 18:05	05/01/23 17:54	206-44-0	
Fluorene	85.7	ug/kg	28.8	11.4	5	04/30/23 18:05	05/01/23 17:54	86-73-7	
Indeno(1,2,3-cd)pyrene	597	ug/kg	28.8	14.7	5	04/30/23 18:05	05/01/23 17:54	193-39-5	
2-Methylnaphthalene	70.9	ug/kg	28.8	27.1	5	04/30/23 18:05	05/01/23 17:54	91-57-6	
Naphthalene	66.4	ug/kg	28.8	26.5	5	04/30/23 18:05	05/01/23 17:54	91-20-3	ED
Phenanthrene	1090	ug/kg	28.8	20.7	5	04/30/23 18:05	05/01/23 17:54	85-01-8	
Pyrene	1950	ug/kg	28.8	19.8	5	04/30/23 18:05	05/01/23 17:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	23-115		5	04/30/23 18:05	05/01/23 17:54	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		5	04/30/23 18:05	05/01/23 17:54	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.5	%	0.10	0.10	1		05/05/23 19:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-79 (0-2) **Lab ID: 50343361031** Collected: 04/26/23 13:07 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8030	ug/kg	1120	186	1	05/04/23 12:40	05/10/23 14:18	7440-38-2	
Barium	78300	ug/kg	1120	211	1	05/04/23 12:40	05/10/23 14:18	7440-39-3	
Chromium	20100	ug/kg	1120	1060	1	05/04/23 12:40	05/10/23 14:18	7440-47-3	
Copper	18400	ug/kg	1120	267	1	05/04/23 12:40	05/10/23 14:18	7440-50-8	
Lead	17300	ug/kg	1120	519	1	05/04/23 12:40	05/10/23 14:18	7439-92-1	
Zinc	50600	ug/kg	1120	968	1	05/04/23 12:40	05/10/23 14:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	81.3	ug/kg	54.3	23.8	1	04/30/23 22:45	05/03/23 07:23	7440-43-9	
Selenium	794	ug/kg	543	127	5	04/30/23 22:45	05/04/23 05:15	7782-49-2	
Silver	52.8J	ug/kg	54.3	1.8	1	04/30/23 22:45	05/03/23 07:23	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	29.5J	ug/kg	234	26.9	1	05/07/23 20:25	05/08/23 09:52	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.8	2.3	1	04/30/23 18:05	05/01/23 18:07	83-32-9	
Acenaphthylene	ND	ug/kg	5.8	2.2	1	04/30/23 18:05	05/01/23 18:07	208-96-8	
Anthracene	ND	ug/kg	5.8	2.9	1	04/30/23 18:05	05/01/23 18:07	120-12-7	
Benzo(a)anthracene	23.4	ug/kg	5.8	1.6	1	04/30/23 18:05	05/01/23 18:07	56-55-3	
Benzo(a)pyrene	31.3	ug/kg	5.8	3.5	1	04/30/23 18:05	05/01/23 18:07	50-32-8	
Benzo(b)fluoranthene	36.1	ug/kg	5.8	3.2	1	04/30/23 18:05	05/01/23 18:07	205-99-2	
Benzo(g,h,i)perylene	24.0	ug/kg	5.8	3.4	1	04/30/23 18:05	05/01/23 18:07	191-24-2	
Benzo(k)fluoranthene	13.9	ug/kg	5.8	2.7	1	04/30/23 18:05	05/01/23 18:07	207-08-9	
Chrysene	31.2	ug/kg	5.8	4.0	1	04/30/23 18:05	05/01/23 18:07	218-01-9	
Dibenz(a,h)anthracene	4.3J	ug/kg	5.8	2.9	1	04/30/23 18:05	05/01/23 18:07	53-70-3	
Fluoranthene	37.0	ug/kg	5.8	4.0	1	04/30/23 18:05	05/01/23 18:07	206-44-0	
Fluorene	ND	ug/kg	5.8	2.3	1	04/30/23 18:05	05/01/23 18:07	86-73-7	
Indeno(1,2,3-cd)pyrene	18.2	ug/kg	5.8	3.0	1	04/30/23 18:05	05/01/23 18:07	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.8	5.4	1	04/30/23 18:05	05/01/23 18:07	91-57-6	
Naphthalene	ND	ug/kg	5.8	5.3	1	04/30/23 18:05	05/01/23 18:07	91-20-3	
Phenanthrene	17.3	ug/kg	5.8	4.2	1	04/30/23 18:05	05/01/23 18:07	85-01-8	
Pyrene	36.3	ug/kg	5.8	4.0	1	04/30/23 18:05	05/01/23 18:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	23-115		1	04/30/23 18:05	05/01/23 18:07	321-60-8	
p-Terphenyl-d14 (S)	86	%	19-136		1	04/30/23 18:05	05/01/23 18:07	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/05/23 19:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-80 (0-2) **Lab ID: 50343361032** Collected: 04/26/23 13:19 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9340	ug/kg	1120	186	1	05/04/23 12:40	05/10/23 14:21	7440-38-2	
Barium	134000	ug/kg	1120	210	1	05/04/23 12:40	05/10/23 14:21	7440-39-3	
Chromium	23700	ug/kg	1120	1060	1	05/04/23 12:40	05/10/23 14:21	7440-47-3	
Copper	64100	ug/kg	1120	266	1	05/04/23 12:40	05/10/23 14:21	7440-50-8	
Lead	82000	ug/kg	1120	518	1	05/04/23 12:40	05/10/23 14:21	7439-92-1	
Zinc	150000	ug/kg	1120	967	1	05/04/23 12:40	05/10/23 14:21	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	357	ug/kg	55.0	24.1	1	04/30/23 22:45	05/03/23 07:26	7440-43-9	
Selenium	930	ug/kg	550	128	5	04/30/23 22:45	05/04/23 05:19	7782-49-2	
Silver	87.6	ug/kg	55.0	1.9	1	04/30/23 22:45	05/03/23 07:26	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	187J	ug/kg	229	26.3	1	05/07/23 20:25	05/08/23 09:55	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	40.1	ug/kg	5.5	2.2	1	04/30/23 18:05	05/01/23 18:21	83-32-9	
Acenaphthylene	14.1	ug/kg	5.5	2.1	1	04/30/23 18:05	05/01/23 18:21	208-96-8	
Anthracene	144	ug/kg	5.5	2.7	1	04/30/23 18:05	05/01/23 18:21	120-12-7	
Benzo(a)anthracene	557	ug/kg	5.5	1.6	1	04/30/23 18:05	05/01/23 18:21	56-55-3	
Benzo(a)pyrene	499	ug/kg	5.5	3.3	1	04/30/23 18:05	05/01/23 18:21	50-32-8	
Benzo(b)fluoranthene	666	ug/kg	5.5	3.0	1	04/30/23 18:05	05/01/23 18:21	205-99-2	
Benzo(g,h,i)perylene	314	ug/kg	5.5	3.3	1	04/30/23 18:05	05/01/23 18:21	191-24-2	
Benzo(k)fluoranthene	236	ug/kg	5.5	2.5	1	04/30/23 18:05	05/01/23 18:21	207-08-9	
Chrysene	528	ug/kg	5.5	3.8	1	04/30/23 18:05	05/01/23 18:21	218-01-9	
Dibenz(a,h)anthracene	68.6	ug/kg	5.5	2.7	1	04/30/23 18:05	05/01/23 18:21	53-70-3	
Fluoranthene	1130	ug/kg	5.5	3.8	1	04/30/23 18:05	05/01/23 18:21	206-44-0	
Fluorene	40.7	ug/kg	5.5	2.2	1	04/30/23 18:05	05/01/23 18:21	86-73-7	
Indeno(1,2,3-cd)pyrene	274	ug/kg	5.5	2.8	1	04/30/23 18:05	05/01/23 18:21	193-39-5	
2-Methylnaphthalene	67.2	ug/kg	5.5	5.2	1	04/30/23 18:05	05/01/23 18:21	91-57-6	
Naphthalene	53.8	ug/kg	5.5	5.0	1	04/30/23 18:05	05/01/23 18:21	91-20-3	
Phenanthrene	644	ug/kg	5.5	4.0	1	04/30/23 18:05	05/01/23 18:21	85-01-8	
Pyrene	974	ug/kg	5.5	3.8	1	04/30/23 18:05	05/01/23 18:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/30/23 18:05	05/01/23 18:21	321-60-8	
p-Terphenyl-d14 (S)	83	%	19-136		1	04/30/23 18:05	05/01/23 18:21	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/05/23 19:20		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: SB-81 (0-2) **Lab ID: 50343361033** Collected: 04/26/23 13:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12900	ug/kg	1140	190	1	05/04/23 12:40	05/10/23 14:23	7440-38-2	
Barium	97700	ug/kg	1140	215	1	05/04/23 12:40	05/10/23 14:23	7440-39-3	
Chromium	21200	ug/kg	1140	1090	1	05/04/23 12:40	05/10/23 14:23	7440-47-3	
Copper	25600	ug/kg	1140	272	1	05/04/23 12:40	05/10/23 14:23	7440-50-8	
Lead	41800	ug/kg	1140	529	1	05/04/23 12:40	05/10/23 14:23	7439-92-1	
Zinc	68800	ug/kg	1140	987	1	05/04/23 12:40	05/10/23 14:23	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	297	ug/kg	56.3	24.7	1	04/30/23 22:45	05/03/23 07:36	7440-43-9	
Selenium	876	ug/kg	563	131	5	04/30/23 22:45	05/04/23 05:22	7782-49-2	
Silver	42.4J	ug/kg	56.3	1.9	1	04/30/23 22:45	05/03/23 07:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	118J	ug/kg	237	27.3	1	05/07/23 20:25	05/08/23 09:57	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	14.9	ug/kg	5.7	2.3	1	04/30/23 18:05	05/01/23 18:34	83-32-9	
Acenaphthylene	21.5	ug/kg	5.7	2.1	1	04/30/23 18:05	05/01/23 18:34	208-96-8	
Anthracene	63.8	ug/kg	5.7	2.9	1	04/30/23 18:05	05/01/23 18:34	120-12-7	
Benzo(a)anthracene	215	ug/kg	5.7	1.6	1	04/30/23 18:05	05/01/23 18:34	56-55-3	
Benzo(a)pyrene	195	ug/kg	5.7	3.4	1	04/30/23 18:05	05/01/23 18:34	50-32-8	
Benzo(b)fluoranthene	267	ug/kg	5.7	3.1	1	04/30/23 18:05	05/01/23 18:34	205-99-2	
Benzo(g,h,i)perylene	120	ug/kg	5.7	3.4	1	04/30/23 18:05	05/01/23 18:34	191-24-2	
Benzo(k)fluoranthene	89.4	ug/kg	5.7	2.6	1	04/30/23 18:05	05/01/23 18:34	207-08-9	
Chrysene	229	ug/kg	5.7	3.9	1	04/30/23 18:05	05/01/23 18:34	218-01-9	
Dibenz(a,h)anthracene	27.2	ug/kg	5.7	2.8	1	04/30/23 18:05	05/01/23 18:34	53-70-3	
Fluoranthene	434	ug/kg	5.7	4.0	1	04/30/23 18:05	05/01/23 18:34	206-44-0	
Fluorene	19.8	ug/kg	5.7	2.3	1	04/30/23 18:05	05/01/23 18:34	86-73-7	
Indeno(1,2,3-cd)pyrene	107	ug/kg	5.7	2.9	1	04/30/23 18:05	05/01/23 18:34	193-39-5	
2-Methylnaphthalene	91.6	ug/kg	5.7	5.4	1	04/30/23 18:05	05/01/23 18:34	91-57-6	
Naphthalene	97.0	ug/kg	5.7	5.2	1	04/30/23 18:05	05/01/23 18:34	91-20-3	
Phenanthrene	322	ug/kg	5.7	4.1	1	04/30/23 18:05	05/01/23 18:34	85-01-8	
Pyrene	374	ug/kg	5.7	3.9	1	04/30/23 18:05	05/01/23 18:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	23-115		1	04/30/23 18:05	05/01/23 18:34	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		1	04/30/23 18:05	05/01/23 18:34	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.0	%	0.10	0.10	1		05/05/23 19:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-82 (0-2) **Lab ID: 50343361034** Collected: 04/26/23 13:28 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8680	ug/kg	1100	182	1	05/04/23 12:40	05/10/23 14:30	7440-38-2	
Barium	152000	ug/kg	1100	206	1	05/04/23 12:40	05/10/23 14:30	7440-39-3	
Chromium	16900	ug/kg	1100	1040	1	05/04/23 12:40	05/10/23 14:30	7440-47-3	
Copper	36400	ug/kg	1100	261	1	05/04/23 12:40	05/10/23 14:30	7440-50-8	
Lead	118000	ug/kg	1100	507	1	05/04/23 12:40	05/10/23 14:30	7439-92-1	
Zinc	157000	ug/kg	1100	946	1	05/04/23 12:40	05/10/23 14:30	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2410	ug/kg	55.2	24.2	1	04/30/23 22:45	05/03/23 07:40	7440-43-9	
Selenium	831	ug/kg	552	129	5	04/30/23 22:45	05/04/23 05:33	7782-49-2	
Silver	122	ug/kg	55.2	1.9	1	04/30/23 22:45	05/03/23 07:40	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	503	ug/kg	237	27.2	1	05/07/23 20:25	05/08/23 10:05	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	4140	ug/kg	27.9	11.2	5	04/30/23 18:05	05/01/23 18:47	83-32-9	
Acenaphthylene	245	ug/kg	27.9	10.5	5	04/30/23 18:05	05/01/23 18:47	208-96-8	
Anthracene	9270	ug/kg	27.9	14.0	5	04/30/23 18:05	05/01/23 18:47	120-12-7	
Benzo(a)anthracene	15100	ug/kg	27.9	7.9	5	04/30/23 18:05	05/01/23 18:47	56-55-3	
Benzo(a)pyrene	12800	ug/kg	27.9	16.6	5	04/30/23 18:05	05/01/23 18:47	50-32-8	
Benzo(b)fluoranthene	16900	ug/kg	27.9	15.4	5	04/30/23 18:05	05/01/23 18:47	205-99-2	
Benzo(g,h,i)perylene	7690	ug/kg	27.9	16.6	5	04/30/23 18:05	05/01/23 18:47	191-24-2	
Benzo(k)fluoranthene	5340	ug/kg	27.9	12.9	5	04/30/23 18:05	05/01/23 18:47	207-08-9	
Chrysene	13400	ug/kg	27.9	19.2	5	04/30/23 18:05	05/01/23 18:47	218-01-9	
Dibenz(a,h)anthracene	1570	ug/kg	27.9	13.7	5	04/30/23 18:05	05/01/23 18:47	53-70-3	
Fluoranthene	44400	ug/kg	140	97.3	25	04/30/23 18:05	05/04/23 09:18	206-44-0	
Fluorene	4440	ug/kg	27.9	11.0	5	04/30/23 18:05	05/01/23 18:47	86-73-7	
Indeno(1,2,3-cd)pyrene	6910	ug/kg	27.9	14.2	5	04/30/23 18:05	05/01/23 18:47	193-39-5	
2-Methylnaphthalene	803	ug/kg	27.9	26.3	5	04/30/23 18:05	05/01/23 18:47	91-57-6	
Naphthalene	1770	ug/kg	27.9	25.7	5	04/30/23 18:05	05/01/23 18:47	91-20-3	ED
Phenanthrene	43200	ug/kg	140	101	25	04/30/23 18:05	05/04/23 09:18	85-01-8	
Pyrene	32900	ug/kg	27.9	19.2	5	04/30/23 18:05	05/01/23 18:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	23-115		5	04/30/23 18:05	05/01/23 18:47	321-60-8	
p-Terphenyl-d14 (S)	68	%	19-136		5	04/30/23 18:05	05/01/23 18:47	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		05/05/23 19:20		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-83 (0-2) **Lab ID: 50343361035** Collected: 04/26/23 13:31 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12300	ug/kg	1110	184	1	05/04/23 12:40	05/10/23 14:32	7440-38-2	
Barium	1330000	ug/kg	3320	625	3	05/04/23 12:40	05/10/23 14:46	7440-39-3	
Chromium	31700	ug/kg	1110	1050	1	05/04/23 12:40	05/10/23 14:32	7440-47-3	
Copper	328000	ug/kg	1110	264	1	05/04/23 12:40	05/10/23 14:32	7440-50-8	
Lead	2590000	ug/kg	1110	513	1	05/04/23 12:40	05/10/23 14:32	7439-92-1	
Zinc	1320000	ug/kg	1110	957	1	05/04/23 12:40	05/10/23 14:32	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4390	ug/kg	56.3	24.7	1	04/30/23 22:45	05/03/23 07:43	7440-43-9	
Selenium	1030	ug/kg	563	131	5	04/30/23 22:45	05/04/23 05:36	7782-49-2	
Silver	245	ug/kg	56.3	1.9	1	04/30/23 22:45	05/03/23 07:43	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1190	ug/kg	226	26.0	1	05/07/23 20:25	05/08/23 12:03	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	58.0	ug/kg	27.7	11.1	5	04/30/23 18:05	05/01/23 19:01	83-32-9	
Acenaphthylene	65.0	ug/kg	27.7	10.4	5	04/30/23 18:05	05/01/23 19:01	208-96-8	
Anthracene	189	ug/kg	27.7	13.9	5	04/30/23 18:05	05/01/23 19:01	120-12-7	
Benzo(a)anthracene	808	ug/kg	27.7	7.9	5	04/30/23 18:05	05/01/23 19:01	56-55-3	
Benzo(a)pyrene	793	ug/kg	27.7	16.5	5	04/30/23 18:05	05/01/23 19:01	50-32-8	
Benzo(b)fluoranthene	1050	ug/kg	27.7	15.3	5	04/30/23 18:05	05/01/23 19:01	205-99-2	
Benzo(g,h,i)perylene	524	ug/kg	27.7	16.4	5	04/30/23 18:05	05/01/23 19:01	191-24-2	
Benzo(k)fluoranthene	369	ug/kg	27.7	12.8	5	04/30/23 18:05	05/01/23 19:01	207-08-9	
Chrysene	811	ug/kg	27.7	19.0	5	04/30/23 18:05	05/01/23 19:01	218-01-9	
Dibenz(a,h)anthracene	110	ug/kg	27.7	13.6	5	04/30/23 18:05	05/01/23 19:01	53-70-3	
Fluoranthene	1540	ug/kg	27.7	19.3	5	04/30/23 18:05	05/01/23 19:01	206-44-0	
Fluorene	49.1	ug/kg	27.7	11.0	5	04/30/23 18:05	05/01/23 19:01	86-73-7	
Indeno(1,2,3-cd)pyrene	452	ug/kg	27.7	14.1	5	04/30/23 18:05	05/01/23 19:01	193-39-5	
2-Methylnaphthalene	239	ug/kg	27.7	26.0	5	04/30/23 18:05	05/01/23 19:01	91-57-6	
Naphthalene	186	ug/kg	27.7	25.5	5	04/30/23 18:05	05/01/23 19:01	91-20-3	ED
Phenanthrene	866	ug/kg	27.7	19.9	5	04/30/23 18:05	05/01/23 19:01	85-01-8	
Pyrene	1440	ug/kg	27.7	19.0	5	04/30/23 18:05	05/01/23 19:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		5	04/30/23 18:05	05/01/23 19:01	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		5	04/30/23 18:05	05/01/23 19:01	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/05/23 21:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-84 (0-2) **Lab ID: 50343361036** Collected: 04/26/23 13:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7240	ug/kg	1130	187	1	05/04/23 12:40	05/10/23 14:35	7440-38-2	
Barium	83600	ug/kg	1130	212	1	05/04/23 12:40	05/10/23 14:35	7440-39-3	
Chromium	14700	ug/kg	1130	1070	1	05/04/23 12:40	05/10/23 14:35	7440-47-3	
Copper	27600	ug/kg	1130	268	1	05/04/23 12:40	05/10/23 14:35	7440-50-8	
Lead	150000	ug/kg	1130	522	1	05/04/23 12:40	05/10/23 14:35	7439-92-1	
Zinc	112000	ug/kg	1130	975	1	05/04/23 12:40	05/10/23 14:35	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	553	ug/kg	55.7	24.4	1	04/30/23 22:45	05/03/23 07:47	7440-43-9	
Selenium	815	ug/kg	557	130	5	04/30/23 22:45	05/04/23 05:39	7782-49-2	
Silver	69.3	ug/kg	55.7	1.9	1	04/30/23 22:45	05/03/23 07:47	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	213J	ug/kg	222	25.5	1	05/07/23 20:25	05/08/23 10:11	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	44.2	ug/kg	28.4	11.4	5	04/30/23 18:05	05/01/23 19:14	83-32-9	
Acenaphthylene	21.5J	ug/kg	28.4	10.7	5	04/30/23 18:05	05/01/23 19:14	208-96-8	
Anthracene	198	ug/kg	28.4	14.2	5	04/30/23 18:05	05/01/23 19:14	120-12-7	
Benzo(a)anthracene	828	ug/kg	28.4	8.1	5	04/30/23 18:05	05/01/23 19:14	56-55-3	
Benzo(a)pyrene	722	ug/kg	28.4	16.9	5	04/30/23 18:05	05/01/23 19:14	50-32-8	
Benzo(b)fluoranthene	954	ug/kg	28.4	15.6	5	04/30/23 18:05	05/01/23 19:14	205-99-2	
Benzo(g,h,i)perylene	445	ug/kg	28.4	16.8	5	04/30/23 18:05	05/01/23 19:14	191-24-2	
Benzo(k)fluoranthene	326	ug/kg	28.4	13.1	5	04/30/23 18:05	05/01/23 19:14	207-08-9	
Chrysene	756	ug/kg	28.4	19.5	5	04/30/23 18:05	05/01/23 19:14	218-01-9	
Dibenz(a,h)anthracene	97.5	ug/kg	28.4	14.0	5	04/30/23 18:05	05/01/23 19:14	53-70-3	
Fluoranthene	1490	ug/kg	28.4	19.8	5	04/30/23 18:05	05/01/23 19:14	206-44-0	
Fluorene	44.7	ug/kg	28.4	11.2	5	04/30/23 18:05	05/01/23 19:14	86-73-7	
Indeno(1,2,3-cd)pyrene	391	ug/kg	28.4	14.5	5	04/30/23 18:05	05/01/23 19:14	193-39-5	
2-Methylnaphthalene	63.4	ug/kg	28.4	26.7	5	04/30/23 18:05	05/01/23 19:14	91-57-6	
Naphthalene	51.5	ug/kg	28.4	26.1	5	04/30/23 18:05	05/01/23 19:14	91-20-3	ED
Phenanthrene	744	ug/kg	28.4	20.4	5	04/30/23 18:05	05/01/23 19:14	85-01-8	
Pyrene	1390	ug/kg	28.4	19.5	5	04/30/23 18:05	05/01/23 19:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		5	04/30/23 18:05	05/01/23 19:14	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		5	04/30/23 18:05	05/01/23 19:14	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/05/23 21:34		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-85 (0-2) **Lab ID: 50343361037** Collected: 04/26/23 13:55 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10300	ug/kg	1100	183	1	05/04/23 12:40	05/10/23 14:37	7440-38-2	
Barium	358000	ug/kg	1100	207	1	05/04/23 12:40	05/10/23 14:37	7440-39-3	
Chromium	19400	ug/kg	1100	1050	1	05/04/23 12:40	05/10/23 14:37	7440-47-3	
Copper	50900	ug/kg	1100	263	1	05/04/23 12:40	05/10/23 14:37	7440-50-8	
Lead	833000	ug/kg	1100	511	1	05/04/23 12:40	05/10/23 14:37	7439-92-1	
Zinc	379000	ug/kg	1100	953	1	05/04/23 12:40	05/10/23 14:37	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2140	ug/kg	56.4	24.7	1	04/30/23 22:45	05/03/23 07:57	7440-43-9	
Selenium	892	ug/kg	564	131	5	04/30/23 22:45	05/04/23 05:43	7782-49-2	
Silver	147	ug/kg	56.4	1.9	1	04/30/23 22:45	05/03/23 07:57	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	286	ug/kg	227	26.2	1	05/07/23 20:25	05/08/23 10:14	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	85.6	ug/kg	5.7	2.3	1	04/30/23 18:05	05/01/23 19:27	83-32-9	
Acenaphthylene	27.5	ug/kg	5.7	2.1	1	04/30/23 18:05	05/01/23 19:27	208-96-8	
Anthracene	326	ug/kg	5.7	2.9	1	04/30/23 18:05	05/01/23 19:27	120-12-7	
Benzo(a)anthracene	1430	ug/kg	5.7	1.6	1	04/30/23 18:05	05/01/23 19:27	56-55-3	
Benzo(a)pyrene	1360	ug/kg	5.7	3.4	1	04/30/23 18:05	05/01/23 19:27	50-32-8	
Benzo(b)fluoranthene	1630	ug/kg	5.7	3.1	1	04/30/23 18:05	05/01/23 19:27	205-99-2	
Benzo(g,h,i)perylene	795	ug/kg	5.7	3.4	1	04/30/23 18:05	05/01/23 19:27	191-24-2	
Benzo(k)fluoranthene	617	ug/kg	5.7	2.6	1	04/30/23 18:05	05/01/23 19:27	207-08-9	
Chrysene	1420	ug/kg	5.7	3.9	1	04/30/23 18:05	05/01/23 19:27	218-01-9	
Dibenz(a,h)anthracene	169	ug/kg	5.7	2.8	1	04/30/23 18:05	05/01/23 19:27	53-70-3	
Fluoranthene	2450	ug/kg	5.7	4.0	1	04/30/23 18:05	05/01/23 19:27	206-44-0	
Fluorene	88.8	ug/kg	5.7	2.3	1	04/30/23 18:05	05/01/23 19:27	86-73-7	
Indeno(1,2,3-cd)pyrene	673	ug/kg	5.7	2.9	1	04/30/23 18:05	05/01/23 19:27	193-39-5	
2-Methylnaphthalene	131	ug/kg	5.7	5.4	1	04/30/23 18:05	05/01/23 19:27	91-57-6	
Naphthalene	105	ug/kg	5.7	5.2	1	04/30/23 18:05	05/01/23 19:27	91-20-3	
Phenanthrene	1360	ug/kg	5.7	4.1	1	04/30/23 18:05	05/01/23 19:27	85-01-8	
Pyrene	2330	ug/kg	5.7	3.9	1	04/30/23 18:05	05/01/23 19:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		1	04/30/23 18:05	05/01/23 19:27	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		1	04/30/23 18:05	05/01/23 19:27	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.9	%	0.10	0.10	1		05/05/23 21:34		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: SB-86 (0-2) **Lab ID: 50343361038** Collected: 04/26/23 14:03 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8840	ug/kg	1080	180	1	05/04/23 12:40	05/10/23 14:39	7440-38-2	
Barium	114000	ug/kg	1080	203	1	05/04/23 12:40	05/10/23 14:39	7440-39-3	
Chromium	18900	ug/kg	1080	1030	1	05/04/23 12:40	05/10/23 14:39	7440-47-3	
Copper	50900	ug/kg	1080	257	1	05/04/23 12:40	05/10/23 14:39	7440-50-8	
Lead	101000	ug/kg	1080	501	1	05/04/23 12:40	05/10/23 14:39	7439-92-1	
Zinc	150000	ug/kg	1080	934	1	05/04/23 12:40	05/10/23 14:39	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	653	ug/kg	57.3	25.1	1	04/30/23 22:45	05/03/23 08:00	7440-43-9	
Selenium	947	ug/kg	573	133	5	04/30/23 22:45	05/04/23 05:46	7782-49-2	
Silver	105	ug/kg	57.3	1.9	1	04/30/23 22:45	05/03/23 08:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	166J	ug/kg	228	26.2	1	05/07/23 20:25	05/08/23 10:16	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	780	ug/kg	5.6	2.3	1	04/30/23 18:05	05/01/23 19:41	83-32-9	
Acenaphthylene	131	ug/kg	5.6	2.1	1	04/30/23 18:05	05/01/23 19:41	208-96-8	
Anthracene	3260	ug/kg	5.6	2.8	1	04/30/23 18:05	05/01/23 19:41	120-12-7	
Benzo(a)anthracene	8300	ug/kg	56.4	16.0	10	04/30/23 18:05	05/04/23 10:51	56-55-3	
Benzo(a)pyrene	6930	ug/kg	5.6	3.4	1	04/30/23 18:05	05/01/23 19:41	50-32-8	
Benzo(b)fluoranthene	8480	ug/kg	56.4	31.0	10	04/30/23 18:05	05/04/23 10:51	205-99-2	
Benzo(g,h,i)perylene	3990	ug/kg	5.6	3.3	1	04/30/23 18:05	05/01/23 19:41	191-24-2	
Benzo(k)fluoranthene	2820	ug/kg	5.6	2.6	1	04/30/23 18:05	05/01/23 19:41	207-08-9	
Chrysene	7210	ug/kg	5.6	3.9	1	04/30/23 18:05	05/01/23 19:41	218-01-9	
Dibenz(a,h)anthracene	860	ug/kg	5.6	2.8	1	04/30/23 18:05	05/01/23 19:41	53-70-3	
Fluoranthene	19600	ug/kg	56.4	39.3	10	04/30/23 18:05	05/04/23 10:51	206-44-0	
Fluorene	924	ug/kg	5.6	2.2	1	04/30/23 18:05	05/01/23 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	3500	ug/kg	5.6	2.9	1	04/30/23 18:05	05/01/23 19:41	193-39-5	
2-Methylnaphthalene	136	ug/kg	5.6	5.3	1	04/30/23 18:05	05/01/23 19:41	91-57-6	
Naphthalene	144	ug/kg	5.6	5.2	1	04/30/23 18:05	05/01/23 19:41	91-20-3	
Phenanthrene	12100	ug/kg	56.4	40.6	10	04/30/23 18:05	05/04/23 10:51	85-01-8	
Pyrene	16300	ug/kg	56.4	38.7	10	04/30/23 18:05	05/04/23 10:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	04/30/23 18:05	05/01/23 19:41	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		1	04/30/23 18:05	05/01/23 19:41	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/05/23 21:34		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Sample: DUP-5 (0-2) **Lab ID: 50343361039** Collected: 04/26/23 00:00 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8040	ug/kg	1030	171	1	05/04/23 12:40	05/10/23 14:42	7440-38-2	
Barium	56600	ug/kg	1030	193	1	05/04/23 12:40	05/10/23 14:42	7440-39-3	
Chromium	17400	ug/kg	1030	977	1	05/04/23 12:40	05/10/23 14:42	7440-47-3	
Copper	21100	ug/kg	1030	245	1	05/04/23 12:40	05/10/23 14:42	7440-50-8	
Lead	10000	ug/kg	1030	476	1	05/04/23 12:40	05/10/23 14:42	7439-92-1	
Zinc	41900	ug/kg	1030	889	1	05/04/23 12:40	05/10/23 14:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	71.6	ug/kg	53.7	23.5	1	04/30/23 22:45	05/03/23 08:03	7440-43-9	
Selenium	755	ug/kg	537	125	5	04/30/23 22:45	05/04/23 05:59	7782-49-2	
Silver	59.3	ug/kg	53.7	1.8	1	04/30/23 22:45	05/03/23 08:03	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	230	26.4	1	05/07/23 20:25	05/08/23 10:19	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.4	2.2	1	04/30/23 18:05	05/01/23 19:54	83-32-9	
Acenaphthylene	ND	ug/kg	5.4	2.0	1	04/30/23 18:05	05/01/23 19:54	208-96-8	
Anthracene	ND	ug/kg	5.4	2.7	1	04/30/23 18:05	05/01/23 19:54	120-12-7	
Benzo(a)anthracene	4.2J	ug/kg	5.4	1.5	1	04/30/23 18:05	05/01/23 19:54	56-55-3	
Benzo(a)pyrene	10.2	ug/kg	5.4	3.2	1	04/30/23 18:05	05/01/23 19:54	50-32-8	
Benzo(b)fluoranthene	17.3	ug/kg	5.4	3.0	1	04/30/23 18:05	05/01/23 19:54	205-99-2	
Benzo(g,h,i)perylene	17.9	ug/kg	5.4	3.2	1	04/30/23 18:05	05/01/23 19:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	2.5	1	04/30/23 18:05	05/01/23 19:54	207-08-9	
Chrysene	14.6	ug/kg	5.4	3.7	1	04/30/23 18:05	05/01/23 19:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	2.7	1	04/30/23 18:05	05/01/23 19:54	53-70-3	
Fluoranthene	14.6	ug/kg	5.4	3.8	1	04/30/23 18:05	05/01/23 19:54	206-44-0	
Fluorene	ND	ug/kg	5.4	2.1	1	04/30/23 18:05	05/01/23 19:54	86-73-7	
Indeno(1,2,3-cd)pyrene	8.2	ug/kg	5.4	2.8	1	04/30/23 18:05	05/01/23 19:54	193-39-5	
2-Methylnaphthalene	16.7	ug/kg	5.4	5.1	1	04/30/23 18:05	05/01/23 19:54	91-57-6	
Naphthalene	5.6	ug/kg	5.4	5.0	1	04/30/23 18:05	05/01/23 19:54	91-20-3	
Phenanthrene	18.4	ug/kg	5.4	3.9	1	04/30/23 18:05	05/01/23 19:54	85-01-8	
Pyrene	15.7	ug/kg	5.4	3.7	1	04/30/23 18:05	05/01/23 19:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		1	04/30/23 18:05	05/01/23 19:54	321-60-8	
p-Terphenyl-d14 (S)	76	%	19-136		1	04/30/23 18:05	05/01/23 19:54	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.6	%	0.10	0.10	1		05/05/23 21:34		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Sample: DUP-6 (0-2) Lab ID: 50343361040 Collected: 04/26/23 00:00 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9150	ug/kg	1090	180	1	05/04/23 12:40	05/10/23 14:44	7440-38-2	
Barium	61700	ug/kg	1090	204	1	05/04/23 12:40	05/10/23 14:44	7440-39-3	
Chromium	18900	ug/kg	1090	1030	1	05/04/23 12:40	05/10/23 14:44	7440-47-3	
Copper	20300	ug/kg	1090	259	1	05/04/23 12:40	05/10/23 14:44	7440-50-8	
Lead	11600	ug/kg	1090	503	1	05/04/23 12:40	05/10/23 14:44	7439-92-1	
Zinc	47900	ug/kg	1090	939	1	05/04/23 12:40	05/10/23 14:44	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	177	ug/kg	54.2	23.7	1	04/30/23 22:45	05/03/23 08:07	7440-43-9	
Selenium	912	ug/kg	542	126	5	04/30/23 22:45	05/04/23 06:02	7782-49-2	
Silver	61.6	ug/kg	54.2	1.8	1	04/30/23 22:45	05/03/23 08:07	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	226	25.9	1	05/07/23 20:25	05/08/23 10:21	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.4	2.2	1	04/30/23 18:05	05/01/23 20:07	83-32-9	
Acenaphthylene	ND	ug/kg	5.4	2.0	1	04/30/23 18:05	05/01/23 20:07	208-96-8	
Anthracene	11.1	ug/kg	5.4	2.7	1	04/30/23 18:05	05/01/23 20:07	120-12-7	
Benzo(a)anthracene	36.8	ug/kg	5.4	1.5	1	04/30/23 18:05	05/01/23 20:07	56-55-3	
Benzo(a)pyrene	34.8	ug/kg	5.4	3.2	1	04/30/23 18:05	05/01/23 20:07	50-32-8	
Benzo(b)fluoranthene	44.9	ug/kg	5.4	3.0	1	04/30/23 18:05	05/01/23 20:07	205-99-2	
Benzo(g,h,i)perylene	26.9	ug/kg	5.4	3.2	1	04/30/23 18:05	05/01/23 20:07	191-24-2	
Benzo(k)fluoranthene	14.3	ug/kg	5.4	2.5	1	04/30/23 18:05	05/01/23 20:07	207-08-9	
Chrysene	37.9	ug/kg	5.4	3.7	1	04/30/23 18:05	05/01/23 20:07	218-01-9	
Dibenz(a,h)anthracene	4.6J	ug/kg	5.4	2.7	1	04/30/23 18:05	05/01/23 20:07	53-70-3	
Fluoranthene	74.8	ug/kg	5.4	3.8	1	04/30/23 18:05	05/01/23 20:07	206-44-0	
Fluorene	ND	ug/kg	5.4	2.1	1	04/30/23 18:05	05/01/23 20:07	86-73-7	
Indeno(1,2,3-cd)pyrene	21.0	ug/kg	5.4	2.8	1	04/30/23 18:05	05/01/23 20:07	193-39-5	
2-Methylnaphthalene	5.3J	ug/kg	5.4	5.1	1	04/30/23 18:05	05/01/23 20:07	91-57-6	
Naphthalene	ND	ug/kg	5.4	5.0	1	04/30/23 18:05	05/01/23 20:07	91-20-3	
Phenanthrene	41.9	ug/kg	5.4	3.9	1	04/30/23 18:05	05/01/23 20:07	85-01-8	
Pyrene	65.8	ug/kg	5.4	3.7	1	04/30/23 18:05	05/01/23 20:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	04/30/23 18:05	05/01/23 20:07	321-60-8	
p-Terphenyl-d14 (S)	91	%	19-136		1	04/30/23 18:05	05/01/23 20:07	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.8	%	0.10	0.10	1		05/05/23 21:34		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch:	731086	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009

METHOD BLANK: 3355155 Matrix: Solid

Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	19.0	05/04/23 19:48	

LABORATORY CONTROL SAMPLE: 3355156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	550	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355157 3355158

Parameter	Units	50343244003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	ND	495	530	526	571	102	104	75-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 731089 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016,
50343361017, 50343361018, 50343361019, 50343361020, 50343361021, 50343361022, 50343361023,
50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029

METHOD BLANK: 3355165 Matrix: Solid
Associated Lab Samples: 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016,
50343361017, 50343361018, 50343361019, 50343361020, 50343361021, 50343361022, 50343361023,
50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/08/23 08:34	

LABORATORY CONTROL SAMPLE: 3355166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	528	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355167 3355168

Parameter	Units	50343361010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	829	555	591	1730	1900	163	181	75-125	9	20	M0

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch:	731092	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

METHOD BLANK: 3355176 Matrix: Solid
Associated Lab Samples: 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/08/23 09:45	

LABORATORY CONTROL SAMPLE: 3355177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	530	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355178 3355179

Parameter	Units	50344186001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Mercury	ug/kg	ND	671	625	821	783	98	99	75-125	5	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 731401 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020

METHOD BLANK: 3356388 Matrix: Solid
Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	05/05/23 16:06	
Barium	ug/kg	ND	1000	186	05/05/23 16:06	
Chromium	ug/kg	ND	1000	167	05/05/23 16:06	
Copper	ug/kg	ND	1000	287	05/05/23 16:06	
Lead	ug/kg	ND	1000	398	05/05/23 16:06	
Zinc	ug/kg	ND	1000	563	05/05/23 16:06	

LABORATORY CONTROL SAMPLE: 3356389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	49500	99	80-120	
Barium	ug/kg	50000	50000	100	80-120	
Chromium	ug/kg	50000	50200	100	80-120	
Copper	ug/kg	50000	49000	98	80-120	
Lead	ug/kg	50000	46000	92	80-120	
Zinc	ug/kg	50000	46800	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3356390 3356391

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343361001 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	ug/kg	1540	54100	54400	53400	54000	96	96	75-125	1	20
Barium	ug/kg	11500	54100	54400	60900	62700	91	94	75-125	3	20
Chromium	ug/kg	4890	54100	54400	54400	55900	91	94	75-125	3	20
Copper	ug/kg	3170	54100	54400	53800	55200	94	96	75-125	3	20
Lead	ug/kg	2820	54100	54400	46900	48600	82	84	75-125	4	20
Zinc	ug/kg	9800	54100	54400	55700	57700	85	88	75-125	3	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 731402 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343361021, 50343361022, 50343361023, 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

METHOD BLANK: 3356392 Matrix: Solid
Associated Lab Samples: 50343361021, 50343361022, 50343361023, 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	05/10/23 13:35	
Barium	ug/kg	ND	1000	188	05/10/23 13:35	
Chromium	ug/kg	ND	1000	950	05/10/23 13:35	
Copper	ug/kg	ND	1000	238	05/10/23 13:35	
Lead	ug/kg	ND	1000	463	05/10/23 13:35	
Zinc	ug/kg	ND	1000	864	05/10/23 13:35	

LABORATORY CONTROL SAMPLE: 3356393

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	49600	99	80-120	
Barium	ug/kg	50000	50400	101	80-120	
Chromium	ug/kg	50000	50000	100	80-120	
Copper	ug/kg	50000	49300	99	80-120	
Lead	ug/kg	50000	47900	96	80-120	
Zinc	ug/kg	50000	48300	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3356394 3356395

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343361021 Result	Spike Conc.	Spike Conc.	Result						
Arsenic	ug/kg	8540	56300	53800	60100	57300	92	91	75-125	5	20
Barium	ug/kg	80400	56300	53800	153000	136000	130	103	75-125	12	20 M0
Chromium	ug/kg	19300	56300	53800	70600	66900	91	89	75-125	5	20
Copper	ug/kg	19800	56300	53800	74000	70200	96	94	75-125	5	20
Lead	ug/kg	10600	56300	53800	54600	51400	78	76	75-125	6	20
Zinc	ug/kg	51300	56300	53800	92800	90200	74	72	75-125	3	20 M3

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 730660 Analysis Method: EPA 6020
QC Batch Method: EPA 3050B Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020

METHOD BLANK: 3353766 Matrix: Solid
Associated Lab Samples: 50343361001, 50343361002, 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	21.9	05/03/23 02:31	
Selenium	ug/kg	ND	100	23.3	05/03/23 02:31	
Silver	ug/kg	ND	50.0	1.7	05/03/23 02:31	

LABORATORY CONTROL SAMPLE: 3353767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3960	99	80-120	
Selenium	ug/kg	4000	3930	98	80-120	
Silver	ug/kg	4000	4070	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3353768 3353769

Parameter	Units	50343361001		50343361002		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Cadmium	ug/kg	70.1	4260	4320	4200	4240	97	97	75-125	1	20
Selenium	ug/kg	345J	4260	4320	4280	4260	92	91	75-125	0	20
Silver	ug/kg	11.6J	4260	4320	4120	4230	96	98	75-125	3	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch:	730662	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361021, 50343361022, 50343361023, 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

METHOD BLANK: 3353774 Matrix: Solid
Associated Lab Samples: 50343361021, 50343361022, 50343361023, 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	21.9	05/03/23 04:52	
Selenium	ug/kg	ND	100	23.3	05/03/23 04:52	
Silver	ug/kg	ND	50.0	1.7	05/03/23 04:52	

LABORATORY CONTROL SAMPLE: 3353775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3850	96	80-120	
Selenium	ug/kg	4000	3710	93	80-120	
Silver	ug/kg	4000	3950	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3353776 3353777

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343361021 Result	Spike Conc.	Spike Conc.	Result						
Cadmium	ug/kg	94.6	4450	4430	4300	4290	94	95	75-125	0	20
Selenium	ug/kg	783	4450	4430	4250	4410	78	82	75-125	4	20
Silver	ug/kg	54.5J	4450	4430	4140	4120	92	92	75-125	1	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch: 730713

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361001, 50343361002, 50343361003

METHOD BLANK: 3354007

Matrix: Solid

Associated Lab Samples: 50343361001, 50343361002, 50343361003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/01/23 09:52	
Acenaphthene	ug/kg	ND	5.0	2.0	05/01/23 09:52	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/01/23 09:52	
Anthracene	ug/kg	ND	5.0	2.5	05/01/23 09:52	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/01/23 09:52	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/01/23 09:52	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/01/23 09:52	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/01/23 09:52	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/01/23 09:52	
Chrysene	ug/kg	ND	5.0	3.4	05/01/23 09:52	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/01/23 09:52	
Fluoranthene	ug/kg	ND	5.0	3.5	05/01/23 09:52	
Fluorene	ug/kg	ND	5.0	2.0	05/01/23 09:52	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/01/23 09:52	
Naphthalene	ug/kg	ND	5.0	4.6	05/01/23 09:52	
Phenanthrene	ug/kg	ND	5.0	3.6	05/01/23 09:52	
Pyrene	ug/kg	ND	5.0	3.4	05/01/23 09:52	
2-Fluorobiphenyl (S)	%	62	23-115		05/01/23 09:52	
p-Terphenyl-d14 (S)	%	87	19-136		05/01/23 09:52	

LABORATORY CONTROL SAMPLE: 3354008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	576	87	45-127	
Acenaphthene	ug/kg	668	575	86	59-107	
Acenaphthylene	ug/kg	667	584	88	55-103	
Anthracene	ug/kg	667	602	90	65-107	
Benzo(a)anthracene	ug/kg	667	648	97	68-123	
Benzo(a)pyrene	ug/kg	668	654	98	66-119	
Benzo(b)fluoranthene	ug/kg	667	641	96	69-133	
Benzo(g,h,i)perylene	ug/kg	667	639	96	61-122	
Benzo(k)fluoranthene	ug/kg	667	664	100	66-132	
Chrysene	ug/kg	669	666	100	73-130	
Dibenz(a,h)anthracene	ug/kg	667	651	98	62-122	
Fluoranthene	ug/kg	668	651	97	70-124	
Fluorene	ug/kg	667	587	88	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	630	94	65-127	
Naphthalene	ug/kg	667	582	87	52-103	
Phenanthrene	ug/kg	667	625	94	65-117	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

LABORATORY CONTROL SAMPLE: 3354008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	638	95	65-129	
2-Fluorobiphenyl (S)	%.			76	23-115	
p-Terphenyl-d14 (S)	%.			86	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354009 3354010

Parameter	Units	50343211014		3354009		3354010		% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
2-Methylnaphthalene	ug/kg	ND	717	717	495	530	69	74	16-139	7	20	
Acenaphthene	ug/kg	ND	719	719	556	558	77	78	26-123	0	20	
Acenaphthylene	ug/kg	ND	718	718	564	565	79	79	16-125	0	20	
Anthracene	ug/kg	ND	718	718	626	605	87	84	13-133	3	20	
Benzo(a)anthracene	ug/kg	ND	718	718	688	657	96	92	10-148	5	20	
Benzo(a)pyrene	ug/kg	ND	719	719	670	640	93	89	10-133	5	20	
Benzo(b)fluoranthene	ug/kg	ND	718	718	660	632	92	88	10-155	4	20	
Benzo(g,h,i)perylene	ug/kg	ND	718	718	621	596	87	83	10-129	4	20	
Benzo(k)fluoranthene	ug/kg	ND	718	718	670	633	93	88	12-142	6	20	
Chrysene	ug/kg	ND	720	720	687	652	95	91	14-148	5	20	
Dibenz(a,h)anthracene	ug/kg	ND	718	718	652	617	91	86	10-131	5	20	
Fluoranthene	ug/kg	ND	719	719	705	670	98	93	10-154	5	20	
Fluorene	ug/kg	ND	718	718	616	608	86	85	26-134	1	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	718	718	633	600	88	84	10-136	5	20	
Naphthalene	ug/kg	ND	718	718	469	524	65	73	20-119	11	20	
Phenanthrene	ug/kg	ND	718	718	651	625	91	87	12-150	4	20	
Pyrene	ug/kg	ND	719	719	644	625	90	87	17-152	3	20	
2-Fluorobiphenyl (S)	%.						62	64	23-115			
p-Terphenyl-d14 (S)	%.						79	77	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 730722 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020, 50343361021, 50343361022, 50343361023

METHOD BLANK: 3354022 Matrix: Solid
Associated Lab Samples: 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014, 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020, 50343361021, 50343361022, 50343361023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/01/23 21:01	
Acenaphthene	ug/kg	ND	5.0	2.0	05/01/23 21:01	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/01/23 21:01	
Anthracene	ug/kg	ND	5.0	2.5	05/01/23 21:01	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/01/23 21:01	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/01/23 21:01	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/01/23 21:01	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/01/23 21:01	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/01/23 21:01	
Chrysene	ug/kg	ND	5.0	3.4	05/01/23 21:01	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/01/23 21:01	
Fluoranthene	ug/kg	ND	5.0	3.5	05/01/23 21:01	
Fluorene	ug/kg	ND	5.0	2.0	05/01/23 21:01	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/01/23 21:01	
Naphthalene	ug/kg	ND	5.0	4.6	05/01/23 21:01	
Phenanthrene	ug/kg	ND	5.0	3.6	05/01/23 21:01	
Pyrene	ug/kg	ND	5.0	3.4	05/01/23 21:01	
2-Fluorobiphenyl (S)	%	82	23-115		05/01/23 21:01	
p-Terphenyl-d14 (S)	%	101	19-136		05/01/23 21:01	

LABORATORY CONTROL SAMPLE: 3354023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	609	91	45-127	
Acenaphthene	ug/kg	668	609	91	59-107	
Acenaphthylene	ug/kg	667	623	93	55-103	
Anthracene	ug/kg	667	637	96	65-107	
Benzo(a)anthracene	ug/kg	667	695	104	68-123	
Benzo(a)pyrene	ug/kg	668	682	102	66-119	
Benzo(b)fluoranthene	ug/kg	667	646	97	69-133	
Benzo(g,h,i)perylene	ug/kg	667	642	96	61-122	
Benzo(k)fluoranthene	ug/kg	667	710	106	66-132	
Chrysene	ug/kg	669	684	102	73-130	
Dibenz(a,h)anthracene	ug/kg	667	658	99	62-122	
Fluoranthene	ug/kg	668	688	103	70-124	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

LABORATORY CONTROL SAMPLE: 3354023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	663	99	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	648	97	65-127	
Naphthalene	ug/kg	667	589	88	52-103	
Phenanthrene	ug/kg	667	656	98	65-117	
Pyrene	ug/kg	668	688	103	65-129	
2-Fluorobiphenyl (S)	%			76	23-115	
p-Terphenyl-d14 (S)	%			95	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354024 3354025

Parameter	Units	MS 50343361007		MSD		MS 3354024		MSD 3354025		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
2-Methylnaphthalene	ug/kg	ND	736	745	632	588	86	79	16-139	7	20		
Acenaphthene	ug/kg	ND	738	748	607	573	82	77	26-123	6	20		
Acenaphthylene	ug/kg	ND	737	747	636	602	86	81	16-125	5	20		
Anthracene	ug/kg	ND	737	747	597	550	81	74	13-133	8	20		
Benzo(a)anthracene	ug/kg	21.4J	737	747	672	603	88	78	10-148	11	20		
Benzo(a)pyrene	ug/kg	31.5	738	748	641	576	83	73	10-133	11	20		
Benzo(b)fluoranthene	ug/kg	30.5	737	747	608	584	78	74	10-155	4	20		
Benzo(g,h,i)perylene	ug/kg	30.7	737	747	561	494	72	62	10-129	13	20		
Benzo(k)fluoranthene	ug/kg	ND	737	747	612	506	83	68	12-142	19	20		
Chrysene	ug/kg	32.2	740	749	678	608	87	77	14-148	11	20		
Dibenz(a,h)anthracene	ug/kg	ND	737	747	555	478	75	64	10-131	15	20		
Fluoranthene	ug/kg	51.1	738	748	742	688	94	85	10-154	8	20		
Fluorene	ug/kg	ND	737	747	620	583	84	78	26-134	6	20		
Indeno(1,2,3-cd)pyrene	ug/kg	25.1J	737	747	562	494	73	63	10-136	13	20		
Naphthalene	ug/kg	ND	737	747	621	595	84	80	20-119	4	20	ED	
Phenanthrene	ug/kg	23.0J	737	747	677	640	89	83	12-150	6	20		
Pyrene	ug/kg	58.9	740	749	748	696	93	85	17-152	7	20		
2-Fluorobiphenyl (S)	%						121	65	23-115			S4	
p-Terphenyl-d14 (S)	%						86	64	19-136				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

QC Batch: 730726 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

METHOD BLANK: 3354032 Matrix: Solid
Associated Lab Samples: 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034, 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/01/23 15:27	
Acenaphthene	ug/kg	ND	5.0	2.0	05/01/23 15:27	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/01/23 15:27	
Anthracene	ug/kg	ND	5.0	2.5	05/01/23 15:27	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/01/23 15:27	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/01/23 15:27	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/01/23 15:27	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/01/23 15:27	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/01/23 15:27	
Chrysene	ug/kg	ND	5.0	3.4	05/01/23 15:27	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/01/23 15:27	
Fluoranthene	ug/kg	ND	5.0	3.5	05/01/23 15:27	
Fluorene	ug/kg	ND	5.0	2.0	05/01/23 15:27	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/01/23 15:27	
Naphthalene	ug/kg	ND	5.0	4.6	05/01/23 15:27	
Phenanthrene	ug/kg	ND	5.0	3.6	05/01/23 15:27	
Pyrene	ug/kg	ND	5.0	3.4	05/01/23 15:27	
2-Fluorobiphenyl (S)	%	70	23-115		05/01/23 15:27	
p-Terphenyl-d14 (S)	%	82	19-136		05/01/23 15:27	

LABORATORY CONTROL SAMPLE: 3354033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	ND	0	45-127	L5
Acenaphthene	ug/kg	668	ND	0	59-107	L5
Acenaphthylene	ug/kg	667	ND	0	55-103	L5
Anthracene	ug/kg	667	ND	0	65-107	L5
Benzo(a)anthracene	ug/kg	667	ND	0	68-123	L5
Benzo(a)pyrene	ug/kg	668	ND	0	66-119	L5
Benzo(b)fluoranthene	ug/kg	667	ND	0	69-133	L5
Benzo(g,h,i)perylene	ug/kg	667	ND	0	61-122	L5
Benzo(k)fluoranthene	ug/kg	667	ND	0	66-132	L5
Chrysene	ug/kg	669	ND	0	73-130	L5
Dibenz(a,h)anthracene	ug/kg	667	ND	0	62-122	L5
Fluoranthene	ug/kg	668	ND	0	70-124	L5

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

LABORATORY CONTROL SAMPLE: 3354033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	ND	0	64-112	L5
Indeno(1,2,3-cd)pyrene	ug/kg	667	ND	0	65-127	L5
Naphthalene	ug/kg	667	ND	0	52-103	L5
Phenanthrene	ug/kg	667	ND	0	65-117	L5
Pyrene	ug/kg	668	ND	0	65-129	L5
2-Fluorobiphenyl (S)	%			59	23-115	L5
p-Terphenyl-d14 (S)	%			69	19-136	L5

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354034 3354035

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		50343309001 Result	Spike Conc.	Spike Conc.	Result							
2-Methylnaphthalene	ug/kg	0.0078 mg/kg	769	760	592	622	76	81	16-139	5	20	
Acenaphthene	ug/kg	ND	772	762	561	606	73	80	26-123	8	20	
Acenaphthylene	ug/kg	ND	771	761	570	621	74	82	16-125	9	20	
Anthracene	ug/kg	ND	771	761	550	601	71	79	13-133	9	20	
Benzo(a)anthracene	ug/kg	ND	771	761	613	656	79	86	10-148	7	20	
Benzo(a)pyrene	ug/kg	ND	772	762	580	628	75	82	10-133	8	20	
Benzo(b)fluoranthene	ug/kg	ND	771	761	564	606	73	79	10-155	7	20	
Benzo(g,h,i)perylene	ug/kg	ND	771	761	535	578	69	75	10-129	8	20	
Benzo(k)fluoranthene	ug/kg	ND	771	761	606	645	79	85	12-142	6	20	
Chrysene	ug/kg	ND	773	763	599	641	77	84	14-148	7	20	
Dibenz(a,h)anthracene	ug/kg	ND	771	761	559	603	73	79	10-131	8	20	
Fluoranthene	ug/kg	ND	772	762	601	652	78	86	10-154	8	20	
Fluorene	ug/kg	ND	771	761	599	648	78	85	26-134	8	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	771	761	539	580	69	76	10-136	7	20	
Naphthalene	ug/kg	ND	771	761	563	593	72	77	20-119	5	20	
Phenanthrene	ug/kg	ND	771	761	585	630	76	83	12-150	8	20	
Pyrene	ug/kg	ND	773	763	614	657	79	86	17-152	7	20	
2-Fluorobiphenyl (S)	%						59	66	23-115			
p-Terphenyl-d14 (S)	%						67	76	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch: 731918

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361001, 50343361002

SAMPLE DUPLICATE: 3359180

Parameter	Units	50343166020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.8	12.6	15	5	N2,R1

SAMPLE DUPLICATE: 3359181

Parameter	Units	50343361002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.0	12.7	2	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch:	732020	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361003, 50343361004, 50343361005, 50343361006, 50343361007, 50343361008, 50343361009, 50343361010, 50343361011, 50343361012, 50343361013, 50343361014

SAMPLE DUPLICATE: 3359638

Parameter	Units	50343361003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.6	13.5	7	5	N2,R1

SAMPLE DUPLICATE: 3359639

Parameter	Units	50343361004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.0	22.9	0	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch:	732021	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361015, 50343361016, 50343361017, 50343361018, 50343361019, 50343361020, 50343361021, 50343361022, 50343361023, 50343361024, 50343361025, 50343361026, 50343361027, 50343361028, 50343361029, 50343361030, 50343361031, 50343361032, 50343361033, 50343361034

SAMPLE DUPLICATE: 3359642

Parameter	Units	50343361015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.0	13.5	11	5	N2,R1

SAMPLE DUPLICATE: 3359643

Parameter	Units	50343361016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.1	14.5	4	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

QC Batch: 732024

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343361035, 50343361036, 50343361037, 50343361038, 50343361039, 50343361040

SAMPLE DUPLICATE: 3359732

Parameter	Units	50343361035 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.3	1	5	N2

SAMPLE DUPLICATE: 3359733

Parameter	Units	50343361036 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	14.6	11	5	N2,R1

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| D3 | Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference. |
| ED | Due to the extract's physical characteristics, the analysis was performed at dilution. |
| L5 | LCS recovery exceeded QC limits. Batch accepted based on matrix spike recovery within LCS limits. |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. |
| M3 | Matrix spike recovery was outside laboratory control limits due to matrix interferences. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| R1 | RPD value was outside control limits. |
| S4 | Surrogate recovery not evaluated against control limits due to sample dilution. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343361001	SB-49 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361002	SB-50 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361003	SB-51 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361004	SB-52 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361005	SB-53 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361006	SB-54 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361007	SB-55 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361008	SB-56 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361009	SB-57 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361010	SB-58 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361011	SB-59 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361012	SB-60 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361013	SB-61 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361014	SB-62 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361015	SB-63 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361016	SB-64 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361017	SB-65 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361018	SB-66 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361019	SB-67 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361020	SB-68 (0-2)	EPA 3050	731401	EPA 6010	731943
50343361021	SB-69 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361022	SB-70 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361023	SB-71 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361024	SB-72 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361025	SB-73 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361026	SB-74 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361027	SB-75 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361028	SB-76 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361029	SB-77 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361030	SB-78 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361031	SB-79 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361032	SB-80 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361033	SB-81 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361034	SB-82 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361035	SB-83 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361036	SB-84 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361037	SB-85 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361038	SB-86 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361039	DUP-5 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361040	DUP-6 (0-2)	EPA 3050	731402	EPA 6010	732666
50343361001	SB-49 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361002	SB-50 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361003	SB-51 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361004	SB-52 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361005	SB-53 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361006	SB-54 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361007	SB-55 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361008	SB-56 (0-2)	EPA 3050B	730660	EPA 6020	730840

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343361009	SB-57 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361010	SB-58 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361011	SB-59 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361012	SB-60 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361013	SB-61 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361014	SB-62 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361015	SB-63 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361016	SB-64 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361017	SB-65 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361018	SB-66 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361019	SB-67 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361020	SB-68 (0-2)	EPA 3050B	730660	EPA 6020	730840
50343361021	SB-69 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361022	SB-70 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361023	SB-71 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361024	SB-72 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361025	SB-73 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361026	SB-74 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361027	SB-75 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361028	SB-76 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361029	SB-77 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361030	SB-78 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361031	SB-79 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361032	SB-80 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361033	SB-81 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361034	SB-82 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361035	SB-83 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361036	SB-84 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361037	SB-85 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361038	SB-86 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361039	DUP-5 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361040	DUP-6 (0-2)	EPA 3050B	730662	EPA 6020	730841
50343361001	SB-49 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361002	SB-50 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361003	SB-51 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361004	SB-52 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361005	SB-53 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361006	SB-54 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361007	SB-55 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361008	SB-56 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361009	SB-57 (0-2)	EPA 7471	731086	EPA 7471	731716
50343361010	SB-58 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361011	SB-59 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361012	SB-60 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361013	SB-61 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361014	SB-62 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361015	SB-63 (0-2)	EPA 7471	731089	EPA 7471	732152

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343361016	SB-64 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361017	SB-65 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361018	SB-66 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361019	SB-67 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361020	SB-68 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361021	SB-69 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361022	SB-70 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361023	SB-71 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361024	SB-72 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361025	SB-73 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361026	SB-74 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361027	SB-75 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361028	SB-76 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361029	SB-77 (0-2)	EPA 7471	731089	EPA 7471	732152
50343361030	SB-78 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361031	SB-79 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361032	SB-80 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361033	SB-81 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361034	SB-82 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361035	SB-83 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361036	SB-84 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361037	SB-85 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361038	SB-86 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361039	DUP-5 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361040	DUP-6 (0-2)	EPA 7471	731092	EPA 7471	732153
50343361001	SB-49 (0-2)	EPA 3546	730713	EPA 8270 by SIM	730761
50343361002	SB-50 (0-2)	EPA 3546	730713	EPA 8270 by SIM	730761
50343361003	SB-51 (0-2)	EPA 3546	730713	EPA 8270 by SIM	730761
50343361004	SB-52 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361005	SB-53 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361006	SB-54 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361007	SB-55 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361008	SB-56 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361009	SB-57 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361010	SB-58 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361011	SB-59 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361012	SB-60 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361013	SB-61 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361014	SB-62 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361015	SB-63 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361016	SB-64 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361017	SB-65 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361018	SB-66 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361019	SB-67 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361020	SB-68 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361021	SB-69 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361022	SB-70 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343361023	SB-71 (0-2)	EPA 3546	730722	EPA 8270 by SIM	730764
50343361024	SB-72 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361025	SB-73 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361026	SB-74 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361027	SB-75 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361028	SB-76 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361029	SB-77 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361030	SB-78 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361031	SB-79 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361032	SB-80 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361033	SB-81 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361034	SB-82 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361035	SB-83 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361036	SB-84 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361037	SB-85 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361038	SB-86 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361039	DUP-5 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361040	DUP-6 (0-2)	EPA 3546	730726	EPA 8270 by SIM	730762
50343361001	SB-49 (0-2)	SM 2540G	731918		
50343361002	SB-50 (0-2)	SM 2540G	731918		
50343361003	SB-51 (0-2)	SM 2540G	732020		
50343361004	SB-52 (0-2)	SM 2540G	732020		
50343361005	SB-53 (0-2)	SM 2540G	732020		
50343361006	SB-54 (0-2)	SM 2540G	732020		
50343361007	SB-55 (0-2)	SM 2540G	732020		
50343361008	SB-56 (0-2)	SM 2540G	732020		
50343361009	SB-57 (0-2)	SM 2540G	732020		
50343361010	SB-58 (0-2)	SM 2540G	732020		
50343361011	SB-59 (0-2)	SM 2540G	732020		
50343361012	SB-60 (0-2)	SM 2540G	732020		
50343361013	SB-61 (0-2)	SM 2540G	732020		
50343361014	SB-62 (0-2)	SM 2540G	732020		
50343361015	SB-63 (0-2)	SM 2540G	732021		
50343361016	SB-64 (0-2)	SM 2540G	732021		
50343361017	SB-65 (0-2)	SM 2540G	732021		
50343361018	SB-66 (0-2)	SM 2540G	732021		
50343361019	SB-67 (0-2)	SM 2540G	732021		
50343361020	SB-68 (0-2)	SM 2540G	732021		
50343361021	SB-69 (0-2)	SM 2540G	732021		
50343361022	SB-70 (0-2)	SM 2540G	732021		
50343361023	SB-71 (0-2)	SM 2540G	732021		
50343361024	SB-72 (0-2)	SM 2540G	732021		
50343361025	SB-73 (0-2)	SM 2540G	732021		
50343361026	SB-74 (0-2)	SM 2540G	732021		
50343361027	SB-75 (0-2)	SM 2540G	732021		
50343361028	SB-76 (0-2)	SM 2540G	732021		
50343361029	SB-77 (0-2)	SM 2540G	732021		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343361

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343361030	SB-78 (0-2)	SM 2540G	732021		
50343361031	SB-79 (0-2)	SM 2540G	732021		
50343361032	SB-80 (0-2)	SM 2540G	732021		
50343361033	SB-81 (0-2)	SM 2540G	732021		
50343361034	SB-82 (0-2)	SM 2540G	732021		
50343361035	SB-83 (0-2)	SM 2540G	732024		
50343361036	SB-84 (0-2)	SM 2540G	732024		
50343361037	SB-85 (0-2)	SM 2540G	732024		
50343361038	SB-86 (0-2)	SM 2540G	732024		
50343361039	DUP-5 (0-2)	SM 2540G	732024		
50343361040	DUP-6 (0-2)	SM 2540G	732024		

REPORT OF LABORATORY ANALYSIS

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WO#: 50343361



50343361

Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative



INDY
MT JULIET, TN

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Report to: Joshua Schuyler

Email To: joshua.schuyler@one

Project Description: 100 umox

City/State Collected: Detroit, MI

Please Circle: PT MT CT ET

Phone: 248-669-5140

Client Project # 188BS23244

Lab Project #

Collected by (print): Madelyn Haas

Site/Facility ID # DDD-100 umox

P.O. # 23244

Collected by (signature): M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote # 00135280
Date Results Needed 10 DAY TAT

Immediately Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	Analysis / Container / Preservative																	
SB-49 (0-2)	GRAB	SS		4/20/23	09:16	1	X	X																
SB-50 (0-2)					09:20																			
SB-51 (0-2)					09:22																			
SB-52 (0-2)					09:24																			
SB-53 (0-2)					09:28																			
SB-54 (0-2)					09:30																			
SB-55 (0-2)					09:47																			
SB-56 (0-2)					09:50																			
SB-57 (0-2)					09:55																			
SB-58 (0-2)					09:58																			

PATT 8270 (MT JUL) 4330
MI 10 Metals 6010/7471

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Samples returned via: UPS FedEx Courier _____ Tracking # _____

Relinquished by: (Signature) M Haas	Date: 4/20/23	Time: 10:25	Received by: (Signature) Fedex	Trip Blank Received: Yes/No HCL/MeOH TBR
Relinquished by: (Signature) Fedex	Date: 4/21/23	Time: 855	Received by: (Signature) T. Harrod 4/21/23 855	Temp: 1.4 °C Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time: Hold: Condition:

Company Name/Address:

ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

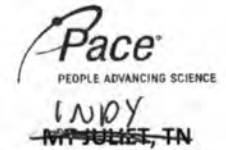
Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 4



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Report to: Joshua Schuyler

Email To: joshua.schuyler@one

Project Description: 100 lenox

City/State Collected: Detroit, MI

Please Circle: PT MT CT ET

Phone: 248-669-5140

Client Project #
188BS23244

Lab Project #

Collected by (print): maderun Haas

Site/Facility ID #
DD-100 lenox

P.O. #
23244

Collected by (signature): [Signature]

Rush? (Lab MUST Be Notified)

Quote #
00135280

Date Results Needed

Immediately Packed on Ice N Y

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

10 DAY +

No. of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-59(0-2)	Grab	SS		4/26/23	10:15	1	X	X											
SB-60 (0-2)					10:19														
SB-61 (0-2)					10:22														
SB-62 (0-2)					10:26														
SB-63 (0-2)					10:36														
SB-64 (0-2)					10:34														
SB-65 (0-2)					10:37														
SB-66 (0-2)					10:41														
SB-67 (0-2)					10:47														
SB-68 (0-2)					11:15														

PAH 8270(MI TOLS) 1336
MI 10 METALS 601017471

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
COC Signed/Accurate:	Y <input type="checkbox"/> N <input type="checkbox"/>
Bottles arrive intact:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Correct bottles used:	Y <input type="checkbox"/> N <input type="checkbox"/>
Sufficient volume sent:	Y <input type="checkbox"/> N <input type="checkbox"/>
If Applicable	
VOA Zero Headspace:	Y <input type="checkbox"/> N <input type="checkbox"/>
Preservation Correct/Checked:	Y <input type="checkbox"/> N <input type="checkbox"/>
RAD Screen <0.5 mR/hr:	Y <input type="checkbox"/> N <input type="checkbox"/>

Samples returned via:
UPS FedEx Courier

Tracking #

Relinquished by: (Signature)

Date: 4/26/23
Time: 1605

Received by: (Signature)
Fedex

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date: 4/27/23
Time: 855

Received by: (Signature)
T. Harold 4/27/23 855

Temp: 1.4 °C
Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:


Hold:

Condition:

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk																			
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Chain of Custody Page 3 of 4

 PEOPLE ADVANCING SCIENCE
INDY
 MT JULIET, TN

Report to: **Joshua Schuyler**

Email To: **Joshua.schuyler@one**

Project Description:
100 LENOX

City/State Collected: **Detroit, MI**

Please Circle:
 PT MT CT ET

Phone: **248-669-5140**

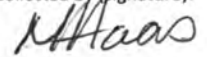
Client Project #
188BSZ3244

Lab Project #

Collected by (print):
Madelyn Haas

Site/Facility ID #
DDD-100 LENOX

P.O. #
23244

Collected by (signature):


Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day 10 Day (Rad Only)
 ___ Three Day

Quote #
00135280

Immediately Packed on Ice N ___ Y

Date Results Needed
10 day fast

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	Analysis / Container / Preservative	
SB-69 (0-2)	grab	SS		4/26/23	11:20	1	X	X												
SB-70 (0-2)					11:23															
SB-71 (0-2)					11:26															
SB-72 (0-2)					11:29															
SB-73 (0-2)					11:31															
SB-74 (0-2)					11:37															
SB-75 (0-2)					11:43															
SB-76 (0-2)					11:52															
SB-77 (0-2)					11:57															
SB-78 (0-2)					13:40															

PAH 8270 (MI TDLs) L330

MI 10 METALS 001017471


Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: **Brian Hall**
 PM: ~~John Hawkins~~
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____
 Samples returned via:
 _ UPS _ FedEx _ Courier _____
 Tracking # _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP ___ Y ___ N
COC Signed/Accurate:	Y ___ N
Bottles arrive intact:	Y ___ N
Correct bottles used:	Y ___ N
Sufficient volume sent:	Y ___ N
If Applicable	
VOA Zero Headspace:	Y ___ N
Preservation Correct/Checked:	Y ___ N
RAD Screen <0.5 mR/hr:	Y ___ N

Relinquished by: (Signature)

 Relinquished by: (Signature)
Fedex
 Relinquished by: (Signature)

Date: **4/26/23 1625**
 Date: **4/27/23 855**
 Date:

Time: **1625**
 Time: **855**
 Time:
 Received by: (Signature)
Fedex
 Received by: (Signature)
T. Harold 4/27/23 855
 Received for lab by: (Signature)

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR
 Temp: **1.4 °C**
 Bottles Received:

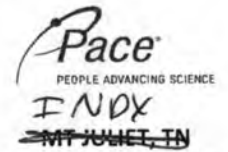
If preservation required by Login: Date/Time
 Hold:
 Condition:
 Page 76 of 82K

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Analysis / Container / Preservative



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@one

Project Description:
 100 Lenox

City/State Collected:
 188BS23244

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188BS23244

Lab Project #

Collected by (print):
 madelyn Haas

Site/Facility ID #
 DDD-100 Lenox

P.O. #
 23244

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 00135280
 Date Results Needed

Immediately Packed on Ice N Y X

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis	Container	Preservative
SB-79 (0-2)	Grab	SS		4/20/23	13:07	1	X	X	
SB-80 (0-2)	↓	↓		↓	13:19	↓	↓	↓	
SB-81 (0-2)	↓	↓		↓	13:22	↓	↓	↓	
SB-82 (0-2)	↓	↓		↓	13:28	↓	↓	↓	
SB-83 (0-2)	↓	↓		↓	13:31	↓	↓	↓	
SB-84 (0-2)	↓	↓		↓	13:47	↓	↓	↓	
SB-85 (0-2)	↓	↓		↓	13:55	↓	↓	↓	
SB-86 (0-2)	↓	↓		↓	14:03	↓	↓	↓	
DUP-5 (0-2)	↓	↓		↓	0000	↓	↓	↓	
DUP-6 (0-2)	↓	↓		↓	0000	↓	↓	↓	

PAH 8270 (MITLDS) L330
MI 10 METSIS 00101747

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Brian Hall
 PM: 341 - John Hawkins
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <u>Y</u> N
COC Signed/Accurate:	<u>Y</u> N
Bottles arrive intact:	<u>Y</u> N
Correct bottles used:	<u>Y</u> N
Sufficient volume sent:	<u>Y</u> N
If Applicable	
VOA Zero HeadSpace:	<u>Y</u> N
Preservation Correct/Checked:	<u>Y</u> N
RAD Screen <0.5 mR/hr:	<u>Y</u> N

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Relinquished by: (Signature)
 M Haas

Date: 4/20/23 Time: 1625

Received by: (Signature)
 Fedex

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 Fedex

Date: 4/27/23 Time: 855

Received by: (Signature)
 T. Harold 4/27/23 855

Temp: 1.4 °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 7 of 82k



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 4/27/23 17:41 TH

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes) Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 **A B C D E F**

4. Cooler Temperature(s): 13/1.4
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other Plastic bags

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			<input checked="" type="checkbox"/>
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?			<input checked="" type="checkbox"/>
			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI	VIALS						AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc									
			R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S		BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black				
1																																					
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11																																					
12																																					

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	Syringe Kit	LL Cr+6 sampling kit
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	ZPLC	Ziploc Bag
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	SP5T	120mL Coliform Sodium Thiosulfate
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	GN	General Container
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can (air sample)
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	WT	Water
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid Solid
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	OL	Oil
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	NAL	Non-aqueous liquid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	WP	Wipe
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic		

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	R	MeOH (only)	SBS	DI	VIALS			AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black										
						DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N						BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	HNO3 <2	H2SO4 <2	NaOH >10
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	ZPLC	Ziploc Bag
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	SP5T	120mL Coliform Sodium Thiosulfate
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	GN	General Container
WGPU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can (air sample)
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	WT	Water
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid Solid
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	OL:	Oil
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	NAL	Non-aqueous liquid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	WP	Wipe
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic		

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WG <u>FU</u>	MeOH (only) SBS DI R	VIALS				AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9									
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F						BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			
			1																																
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WG	MeOH (only)	SBS	DI	VIALS			AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black												
					DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N						BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit					
					R	DG9H	VG9H	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N						BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit					
1																																							
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11																																							
12																																							

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

May 12, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 28, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343434001	SB-87 (0-2)	Solid	04/27/23 09:27	04/28/23 08:50
50343434002	SB-89 (0-2)	Solid	04/27/23 09:31	04/28/23 08:50
50343434003	SB-90 (0-2)	Solid	04/27/23 09:36	04/28/23 08:50
50343434004	SB-91 (0-2)	Solid	04/27/23 09:44	04/28/23 08:50
50343434005	SB-92 (0-2)	Solid	04/27/23 09:50	04/28/23 08:50
50343434006	SB-93 (0-2)	Solid	04/27/23 09:56	04/28/23 08:50
50343434007	SB-94 (0-2)	Solid	04/27/23 09:59	04/28/23 08:50
50343434008	SB-95 (0-2)	Solid	04/27/23 10:01	04/28/23 08:50
50343434009	SB-96 (0-2)	Solid	04/27/23 10:09	04/28/23 08:50
50343434010	SB-97 (0-2)	Solid	04/27/23 10:13	04/28/23 08:50
50343434011	SB-88 (0-2)	Solid	04/27/23 10:03	04/28/23 08:50
50343434012	SB-98 (0-2)	Solid	04/27/23 10:17	04/28/23 08:50
50343434013	SB-99 (0-2)	Solid	04/27/23 10:20	04/28/23 08:50
50343434014	SB-100 (0-2)	Solid	04/27/23 10:26	04/28/23 08:50
50343434015	SB-101 (0-2)	Solid	04/27/23 10:38	04/28/23 08:50
50343434016	SB-102 (0-2)	Solid	04/27/23 11:17	04/28/23 08:50
50343434017	SB-103 (0-2)	Solid	04/27/23 11:20	04/28/23 08:50
50343434018	SB-104 (0-2)	Solid	04/27/23 11:29	04/28/23 08:50
50343434019	SB-105 (0-2)	Solid	04/27/23 11:32	04/28/23 08:50
50343434020	SB-106 (0-2)	Solid	04/27/23 11:39	04/28/23 08:50
50343434021	SB-107 (0-2)	Solid	04/27/23 11:42	04/28/23 08:50
50343434022	SB-108 (0-2)	Solid	04/27/23 11:45	04/28/23 08:50
50343434023	SB-109 (0-2)	Solid	04/27/23 11:51	04/28/23 08:50
50343434024	SB-110 (0-2)	Solid	04/27/23 12:00	04/28/23 08:50
50343434025	SB-111 (0-2)	Solid	04/27/23 12:05	04/28/23 08:50
50343434026	SB-112 (0-2)	Solid	04/27/23 12:40	04/28/23 08:50
50343434027	SB-113 (0-2)	Solid	04/27/23 12:44	04/28/23 08:50
50343434028	SB-114 (0-2)	Solid	04/27/23 12:48	04/28/23 08:50
50343434029	SB-115 (0-2)	Solid	04/27/23 12:51	04/28/23 08:50
50343434030	SB-116 (0-2)	Solid	04/27/23 12:54	04/28/23 08:50
50343434031	SB-117 (0-2)	Solid	04/27/23 12:59	04/28/23 08:50
50343434032	SB-118 (0-2)	Solid	04/27/23 13:10	04/28/23 08:50
50343434033	SB-119 (0-2)	Solid	04/27/23 13:31	04/28/23 08:50
50343434034	SB-120 (0-2)	Solid	04/27/23 13:36	04/28/23 08:50
50343434035	SB-121 (0-2)	Solid	04/27/23 13:38	04/28/23 08:50
50343434036	SB-122 (0-2)	Solid	04/27/23 13:41	04/28/23 08:50
50343434037	SB-123 (0-2)	Solid	04/27/23 13:48	04/28/23 08:50

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343434038	DUP 7 (0-2)	Solid	04/27/23 00:00	04/28/23 08:50
50343434039	DUP 8 (0-2)	Solid	04/27/23 00:00	04/28/23 08:50

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434001	SB-87 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434002	SB-89 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434003	SB-90 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434004	SB-91 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434005	SB-92 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434006	SB-93 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434007	SB-94 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434008	SB-95 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434009	SB-96 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434010	SB-97 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434011	SB-88 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434012	SB-98 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
50343434013	SB-99 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
50343434014	SB-100 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434015	SB-101 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434016	SB-102 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434017	SB-103 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434018	SB-104 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434019	SB-105 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434020	SB-106 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434021	SB-107 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434022	SB-108 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434023	SB-109 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434024	SB-110 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434025	SB-111 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434026	SB-112 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
50343434027	SB-113 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343434028	SB-114 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
50343434029	SB-115 (0-2)	EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434030	SB-116 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434031	SB-117 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434032	SB-118 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434033	SB-119 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434034	SB-120 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434035	SB-121 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434036	SB-122 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50343434037	SB-123 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343434038	DUP 7 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343434039	DUP 8 (0-2)	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-87 (0-2) **Lab ID: 50343434001** Collected: 04/27/23 09:27 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7510	ug/kg	1080	179	1	05/09/23 15:57	05/11/23 11:18	7440-38-2	
Barium	126000	ug/kg	1080	202	1	05/09/23 15:57	05/11/23 11:18	7440-39-3	
Chromium	19600	ug/kg	1080	1020	1	05/09/23 15:57	05/11/23 11:18	7440-47-3	
Copper	68500	ug/kg	1080	256	1	05/09/23 15:57	05/11/23 11:18	7440-50-8	
Lead	157000	ug/kg	1080	498	1	05/09/23 15:57	05/11/23 11:18	7439-92-1	
Zinc	281000	ug/kg	1080	930	1	05/09/23 15:57	05/11/23 11:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2630	ug/kg	56.8	25.8	1	05/04/23 23:00	05/05/23 23:34	7440-43-9	
Selenium	5320	ug/kg	568	160	5	05/04/23 23:00	05/05/23 17:57	7782-49-2	
Silver	73.4	ug/kg	56.8	2.5	1	05/04/23 23:00	05/05/23 23:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	144J	ug/kg	237	27.2	1	05/07/23 20:25	05/08/23 11:51	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	44.5	ug/kg	5.7	2.3	1	04/30/23 18:42	05/01/23 20:16	83-32-9	
Acenaphthylene	46.7	ug/kg	5.7	2.2	1	04/30/23 18:42	05/01/23 20:16	208-96-8	
Anthracene	173	ug/kg	5.7	2.9	1	04/30/23 18:42	05/01/23 20:16	120-12-7	
Benzo(a)anthracene	508	ug/kg	5.7	1.6	1	04/30/23 18:42	05/01/23 20:16	56-55-3	
Benzo(a)pyrene	445	ug/kg	5.7	3.4	1	04/30/23 18:42	05/01/23 20:16	50-32-8	
Benzo(b)fluoranthene	608	ug/kg	5.7	3.2	1	04/30/23 18:42	05/01/23 20:16	205-99-2	
Benzo(g,h,i)perylene	271	ug/kg	5.7	3.4	1	04/30/23 18:42	05/01/23 20:16	191-24-2	
Benzo(k)fluoranthene	219	ug/kg	5.7	2.7	1	04/30/23 18:42	05/01/23 20:16	207-08-9	
Chrysene	514	ug/kg	5.7	3.9	1	04/30/23 18:42	05/01/23 20:16	218-01-9	
Dibenz(a,h)anthracene	91.3	ug/kg	5.7	2.8	1	04/30/23 18:42	05/01/23 20:16	53-70-3	
Fluoranthene	1120	ug/kg	5.7	4.0	1	04/30/23 18:42	05/01/23 20:16	206-44-0	
Fluorene	49.4	ug/kg	5.7	2.3	1	04/30/23 18:42	05/01/23 20:16	86-73-7	
Indeno(1,2,3-cd)pyrene	267	ug/kg	5.7	2.9	1	04/30/23 18:42	05/01/23 20:16	193-39-5	
2-Methylnaphthalene	32.0	ug/kg	5.7	5.4	1	04/30/23 18:42	05/01/23 20:16	91-57-6	
Naphthalene	41.6	ug/kg	5.7	5.3	1	04/30/23 18:42	05/01/23 20:16	91-20-3	
Phenanthrene	679	ug/kg	5.7	4.1	1	04/30/23 18:42	05/01/23 20:16	85-01-8	
Pyrene	959	ug/kg	5.7	3.9	1	04/30/23 18:42	05/01/23 20:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	23-115		1	04/30/23 18:42	05/01/23 20:16	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		1	04/30/23 18:42	05/01/23 20:16	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.0	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-89 (0-2) **Lab ID: 50343434002** Collected: 04/27/23 09:31 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9670	ug/kg	1070	178	1	05/09/23 15:57	05/11/23 11:30	7440-38-2	
Barium	110000	ug/kg	1070	202	1	05/09/23 15:57	05/11/23 11:30	7440-39-3	
Chromium	17700	ug/kg	1070	1020	1	05/09/23 15:57	05/11/23 11:30	7440-47-3	
Copper	30800	ug/kg	1070	256	1	05/09/23 15:57	05/11/23 11:30	7440-50-8	
Lead	60300	ug/kg	1070	497	1	05/09/23 15:57	05/11/23 11:30	7439-92-1	
Zinc	80300	ug/kg	1070	928	1	05/09/23 15:57	05/11/23 11:30	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	424	ug/kg	53.6	24.4	1	05/04/23 23:00	05/06/23 00:02	7440-43-9	
Selenium	5720	ug/kg	536	151	5	05/04/23 23:00	05/05/23 18:25	7782-49-2	
Silver	60.0	ug/kg	53.6	2.4	1	05/04/23 23:00	05/06/23 00:02	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	397	ug/kg	224	25.7	1	05/07/23 20:25	05/08/23 11:54	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	43.6J	ug/kg	56.1	22.5	10	04/30/23 18:42	05/01/23 20:30	83-32-9	
Acenaphthylene	ND	ug/kg	56.1	21.1	10	04/30/23 18:42	05/01/23 20:30	208-96-8	
Anthracene	98.4	ug/kg	56.1	28.1	10	04/30/23 18:42	05/01/23 20:30	120-12-7	
Benzo(a)anthracene	326	ug/kg	56.1	15.9	10	04/30/23 18:42	05/01/23 20:30	56-55-3	
Benzo(a)pyrene	312	ug/kg	56.1	33.4	10	04/30/23 18:42	05/01/23 20:30	50-32-8	
Benzo(b)fluoranthene	436	ug/kg	56.1	30.9	10	04/30/23 18:42	05/01/23 20:30	205-99-2	
Benzo(g,h,i)perylene	191	ug/kg	56.1	33.3	10	04/30/23 18:42	05/01/23 20:30	191-24-2	
Benzo(k)fluoranthene	133	ug/kg	56.1	25.9	10	04/30/23 18:42	05/01/23 20:30	207-08-9	
Chrysene	324	ug/kg	56.1	38.5	10	04/30/23 18:42	05/01/23 20:30	218-01-9	
Dibenz(a,h)anthracene	62.0	ug/kg	56.1	27.6	10	04/30/23 18:42	05/01/23 20:30	53-70-3	
Fluoranthene	644	ug/kg	56.1	39.1	10	04/30/23 18:42	05/01/23 20:30	206-44-0	
Fluorene	38.5J	ug/kg	56.1	22.2	10	04/30/23 18:42	05/01/23 20:30	86-73-7	
Indeno(1,2,3-cd)pyrene	189	ug/kg	56.1	28.6	10	04/30/23 18:42	05/01/23 20:30	193-39-5	
2-Methylnaphthalene	ND	ug/kg	56.1	52.7	10	04/30/23 18:42	05/01/23 20:30	91-57-6	
Naphthalene	ND	ug/kg	56.1	51.6	10	04/30/23 18:42	05/01/23 20:30	91-20-3	ED
Phenanthrene	375	ug/kg	56.1	40.4	10	04/30/23 18:42	05/01/23 20:30	85-01-8	
Pyrene	539	ug/kg	56.1	38.5	10	04/30/23 18:42	05/01/23 20:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		10	04/30/23 18:42	05/01/23 20:30	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136		10	04/30/23 18:42	05/01/23 20:30	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-90 (0-2) **Lab ID: 50343434003** Collected: 04/27/23 09:36 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8330	ug/kg	1110	184	1	05/09/23 15:57	05/11/23 11:32	7440-38-2	
Barium	121000	ug/kg	1110	208	1	05/09/23 15:57	05/11/23 11:32	7440-39-3	
Chromium	18000	ug/kg	1110	1050	1	05/09/23 15:57	05/11/23 11:32	7440-47-3	
Copper	52600	ug/kg	1110	264	1	05/09/23 15:57	05/11/23 11:32	7440-50-8	
Lead	153000	ug/kg	1110	513	1	05/09/23 15:57	05/11/23 11:32	7439-92-1	
Zinc	127000	ug/kg	1110	957	1	05/09/23 15:57	05/11/23 11:32	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2800	ug/kg	54.6	24.8	1	05/04/23 23:00	05/06/23 00:06	7440-43-9	
Selenium	5460	ug/kg	546	154	5	05/04/23 23:00	05/05/23 18:29	7782-49-2	
Silver	84.3	ug/kg	54.6	2.4	1	05/04/23 23:00	05/06/23 00:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	200J	ug/kg	237	27.3	1	05/07/23 20:25	05/08/23 11:56	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	38.0	ug/kg	5.4	2.2	1	05/01/23 10:26	05/01/23 21:43	83-32-9	
Acenaphthylene	28.5	ug/kg	5.4	2.0	1	05/01/23 10:26	05/01/23 21:43	208-96-8	
Anthracene	119	ug/kg	5.4	2.7	1	05/01/23 10:26	05/01/23 21:43	120-12-7	
Benzo(a)anthracene	523	ug/kg	5.4	1.5	1	05/01/23 10:26	05/01/23 21:43	56-55-3	M1,R1
Benzo(a)pyrene	492	ug/kg	5.4	3.2	1	05/01/23 10:26	05/01/23 21:43	50-32-8	M1,R1
Benzo(b)fluoranthene	643	ug/kg	5.4	3.0	1	05/01/23 10:26	05/01/23 21:43	205-99-2	M1,R1
Benzo(g,h,i)perylene	303	ug/kg	5.4	3.2	1	05/01/23 10:26	05/01/23 21:43	191-24-2	R1
Benzo(k)fluoranthene	208	ug/kg	5.4	2.5	1	05/01/23 10:26	05/01/23 21:43	207-08-9	R1
Chrysene	534	ug/kg	5.4	3.7	1	05/01/23 10:26	05/01/23 21:43	218-01-9	M1,R1
Dibenz(a,h)anthracene	99.6	ug/kg	5.4	2.7	1	05/01/23 10:26	05/01/23 21:43	53-70-3	
Fluoranthene	999	ug/kg	5.4	3.8	1	05/01/23 10:26	05/01/23 21:43	206-44-0	M1,R1
Fluorene	29.5	ug/kg	5.4	2.1	1	05/01/23 10:26	05/01/23 21:43	86-73-7	
Indeno(1,2,3-cd)pyrene	284	ug/kg	5.4	2.8	1	05/01/23 10:26	05/01/23 21:43	193-39-5	R1
2-Methylnaphthalene	16.1	ug/kg	5.4	5.1	1	05/01/23 10:26	05/01/23 21:43	91-57-6	
Naphthalene	18.3	ug/kg	5.4	5.0	1	05/01/23 10:26	05/01/23 21:43	91-20-3	
Phenanthrene	448	ug/kg	5.4	3.9	1	05/01/23 10:26	05/01/23 21:43	85-01-8	R1
Pyrene	941	ug/kg	5.4	3.7	1	05/01/23 10:26	05/01/23 21:43	129-00-0	M1,R1
Surrogates									
2-Fluorobiphenyl (S)	76	%	23-115		1	05/01/23 10:26	05/01/23 21:43	321-60-8	
p-Terphenyl-d14 (S)	83	%	19-136		1	05/01/23 10:26	05/01/23 21:43	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.6	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-91 (0-2) **Lab ID: 50343434004** Collected: 04/27/23 09:44 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9840	ug/kg	1020	169	1	05/09/23 15:57	05/11/23 11:34	7440-38-2	
Barium	75800	ug/kg	1020	192	1	05/09/23 15:57	05/11/23 11:34	7440-39-3	
Chromium	20300	ug/kg	1020	968	1	05/09/23 15:57	05/11/23 11:34	7440-47-3	
Copper	20000	ug/kg	1020	243	1	05/09/23 15:57	05/11/23 11:34	7440-50-8	
Lead	21800	ug/kg	1020	472	1	05/09/23 15:57	05/11/23 11:34	7439-92-1	
Zinc	53500	ug/kg	1020	880	1	05/09/23 15:57	05/11/23 11:34	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	343	ug/kg	55.9	25.4	1	05/04/23 23:00	05/06/23 00:10	7440-43-9	
Selenium	5680	ug/kg	559	158	5	05/04/23 23:00	05/05/23 18:33	7782-49-2	
Silver	50.2J	ug/kg	55.9	2.5	1	05/04/23 23:00	05/06/23 00:10	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	42.2J	ug/kg	225	25.9	1	05/07/23 20:25	05/08/23 11:58	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.6	2.2	1	05/01/23 10:26	05/01/23 22:26	83-32-9	
Acenaphthylene	ND	ug/kg	5.6	2.1	1	05/01/23 10:26	05/01/23 22:26	208-96-8	
Anthracene	ND	ug/kg	5.6	2.8	1	05/01/23 10:26	05/01/23 22:26	120-12-7	
Benzo(a)anthracene	5.1J	ug/kg	5.6	1.6	1	05/01/23 10:26	05/01/23 22:26	56-55-3	
Benzo(a)pyrene	4.6J	ug/kg	5.6	3.3	1	05/01/23 10:26	05/01/23 22:26	50-32-8	
Benzo(b)fluoranthene	8.1	ug/kg	5.6	3.1	1	05/01/23 10:26	05/01/23 22:26	205-99-2	
Benzo(g,h,i)perylene	5.9	ug/kg	5.6	3.3	1	05/01/23 10:26	05/01/23 22:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	2.6	1	05/01/23 10:26	05/01/23 22:26	207-08-9	
Chrysene	8.8	ug/kg	5.6	3.8	1	05/01/23 10:26	05/01/23 22:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	2.7	1	05/01/23 10:26	05/01/23 22:26	53-70-3	
Fluoranthene	9.1	ug/kg	5.6	3.9	1	05/01/23 10:26	05/01/23 22:26	206-44-0	
Fluorene	ND	ug/kg	5.6	2.2	1	05/01/23 10:26	05/01/23 22:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	2.8	1	05/01/23 10:26	05/01/23 22:26	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.6	5.2	1	05/01/23 10:26	05/01/23 22:26	91-57-6	
Naphthalene	ND	ug/kg	5.6	5.1	1	05/01/23 10:26	05/01/23 22:26	91-20-3	
Phenanthrene	6.1	ug/kg	5.6	4.0	1	05/01/23 10:26	05/01/23 22:26	85-01-8	
Pyrene	8.3	ug/kg	5.6	3.8	1	05/01/23 10:26	05/01/23 22:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		1	05/01/23 10:26	05/01/23 22:26	321-60-8	
p-Terphenyl-d14 (S)	129	%	19-136		1	05/01/23 10:26	05/01/23 22:26	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-92 (0-2) **Lab ID: 50343434005** Collected: 04/27/23 09:50 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	16200	ug/kg	1070	177	1	05/09/23 15:57	05/11/23 11:41	7440-38-2	
Barium	250000	ug/kg	1070	200	1	05/09/23 15:57	05/11/23 11:41	7440-39-3	
Chromium	24100	ug/kg	1070	1010	1	05/09/23 15:57	05/11/23 11:41	7440-47-3	
Copper	75500	ug/kg	1070	254	1	05/09/23 15:57	05/11/23 11:41	7440-50-8	
Lead	287000	ug/kg	1070	493	1	05/09/23 15:57	05/11/23 11:41	7439-92-1	
Zinc	207000	ug/kg	1070	920	1	05/09/23 15:57	05/11/23 11:41	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4050	ug/kg	52.4	23.8	1	05/04/23 23:00	05/06/23 00:14	7440-43-9	
Selenium	5140	ug/kg	524	148	5	05/04/23 23:00	05/05/23 18:37	7782-49-2	
Silver	170	ug/kg	52.4	2.3	1	05/04/23 23:00	05/06/23 00:14	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	539	ug/kg	213	24.5	1	05/07/23 20:25	05/08/23 12:01	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	54.1	ug/kg	27.4	11.0	5	05/01/23 10:26	05/01/23 22:41	83-32-9	
Acenaphthylene	86.9	ug/kg	27.4	10.3	5	05/01/23 10:26	05/01/23 22:41	208-96-8	
Anthracene	234	ug/kg	27.4	13.7	5	05/01/23 10:26	05/01/23 22:41	120-12-7	
Benzo(a)anthracene	678	ug/kg	27.4	7.8	5	05/01/23 10:26	05/01/23 22:41	56-55-3	
Benzo(a)pyrene	666	ug/kg	27.4	16.3	5	05/01/23 10:26	05/01/23 22:41	50-32-8	
Benzo(b)fluoranthene	861	ug/kg	27.4	15.1	5	05/01/23 10:26	05/01/23 22:41	205-99-2	
Benzo(g,h,i)perylene	432	ug/kg	27.4	16.2	5	05/01/23 10:26	05/01/23 22:41	191-24-2	
Benzo(k)fluoranthene	349	ug/kg	27.4	12.7	5	05/01/23 10:26	05/01/23 22:41	207-08-9	
Chrysene	745	ug/kg	27.4	18.8	5	05/01/23 10:26	05/01/23 22:41	218-01-9	
Dibenz(a,h)anthracene	138	ug/kg	27.4	13.5	5	05/01/23 10:26	05/01/23 22:41	53-70-3	
Fluoranthene	1380	ug/kg	27.4	19.1	5	05/01/23 10:26	05/01/23 22:41	206-44-0	
Fluorene	71.9	ug/kg	27.4	10.8	5	05/01/23 10:26	05/01/23 22:41	86-73-7	
Indeno(1,2,3-cd)pyrene	414	ug/kg	27.4	14.0	5	05/01/23 10:26	05/01/23 22:41	193-39-5	
2-Methylnaphthalene	54.8	ug/kg	27.4	25.8	5	05/01/23 10:26	05/01/23 22:41	91-57-6	
Naphthalene	58.8	ug/kg	27.4	25.2	5	05/01/23 10:26	05/01/23 22:41	91-20-3	ED
Phenanthrene	747	ug/kg	27.4	19.7	5	05/01/23 10:26	05/01/23 22:41	85-01-8	
Pyrene	1170	ug/kg	27.4	18.8	5	05/01/23 10:26	05/01/23 22:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	23-115		5	05/01/23 10:26	05/01/23 22:41	321-60-8	
p-Terphenyl-d14 (S)	91	%	19-136		5	05/01/23 10:26	05/01/23 22:41	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.1	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-93 (0-2) **Lab ID: 50343434006** Collected: 04/27/23 09:56 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5670	ug/kg	1020	170	1	05/09/23 15:57	05/11/23 11:43	7440-38-2	
Barium	84000	ug/kg	1020	192	1	05/09/23 15:57	05/11/23 11:43	7440-39-3	
Chromium	15200	ug/kg	1020	972	1	05/09/23 15:57	05/11/23 11:43	7440-47-3	
Copper	26000	ug/kg	1020	244	1	05/09/23 15:57	05/11/23 11:43	7440-50-8	
Lead	58100	ug/kg	1020	474	1	05/09/23 15:57	05/11/23 11:43	7439-92-1	
Zinc	86600	ug/kg	1020	884	1	05/09/23 15:57	05/11/23 11:43	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	924	ug/kg	53.7	24.4	1	05/04/23 23:00	05/06/23 00:18	7440-43-9	
Selenium	4450	ug/kg	537	151	5	05/04/23 23:00	05/05/23 18:41	7782-49-2	
Silver	58.0	ug/kg	53.7	2.4	1	05/04/23 23:00	05/06/23 00:18	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	152J	ug/kg	235	27.0	1	05/08/23 18:04	05/09/23 08:23	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	55.6	ug/kg	5.6	2.2	1	05/01/23 10:26	05/01/23 22:55	83-32-9	
Acenaphthylene	23.4	ug/kg	5.6	2.1	1	05/01/23 10:26	05/01/23 22:55	208-96-8	
Anthracene	180	ug/kg	5.6	2.8	1	05/01/23 10:26	05/01/23 22:55	120-12-7	
Benzo(a)anthracene	418	ug/kg	5.6	1.6	1	05/01/23 10:26	05/01/23 22:55	56-55-3	
Benzo(a)pyrene	388	ug/kg	5.6	3.3	1	05/01/23 10:26	05/01/23 22:55	50-32-8	
Benzo(b)fluoranthene	511	ug/kg	5.6	3.1	1	05/01/23 10:26	05/01/23 22:55	205-99-2	
Benzo(g,h,i)perylene	236	ug/kg	5.6	3.3	1	05/01/23 10:26	05/01/23 22:55	191-24-2	
Benzo(k)fluoranthene	191	ug/kg	5.6	2.6	1	05/01/23 10:26	05/01/23 22:55	207-08-9	
Chrysene	422	ug/kg	5.6	3.8	1	05/01/23 10:26	05/01/23 22:55	218-01-9	
Dibenz(a,h)anthracene	63.0	ug/kg	5.6	2.7	1	05/01/23 10:26	05/01/23 22:55	53-70-3	
Fluoranthene	960	ug/kg	5.6	3.9	1	05/01/23 10:26	05/01/23 22:55	206-44-0	
Fluorene	54.2	ug/kg	5.6	2.2	1	05/01/23 10:26	05/01/23 22:55	86-73-7	
Indeno(1,2,3-cd)pyrene	232	ug/kg	5.6	2.8	1	05/01/23 10:26	05/01/23 22:55	193-39-5	
2-Methylnaphthalene	28.6	ug/kg	5.6	5.3	1	05/01/23 10:26	05/01/23 22:55	91-57-6	
Naphthalene	30.0	ug/kg	5.6	5.1	1	05/01/23 10:26	05/01/23 22:55	91-20-3	
Phenanthrene	619	ug/kg	5.6	4.0	1	05/01/23 10:26	05/01/23 22:55	85-01-8	
Pyrene	779	ug/kg	5.6	3.8	1	05/01/23 10:26	05/01/23 22:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	23-115		1	05/01/23 10:26	05/01/23 22:55	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		1	05/01/23 10:26	05/01/23 22:55	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.9	%	0.10	0.10	1		05/10/23 15:08		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Sample: SB-94 (0-2) **Lab ID: 50343434007** Collected: 04/27/23 09:59 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7700	ug/kg	1060	176	1	05/09/23 15:57	05/11/23 11:46	7440-38-2	
Barium	63400	ug/kg	1060	199	1	05/09/23 15:57	05/11/23 11:46	7440-39-3	
Chromium	18600	ug/kg	1060	1010	1	05/09/23 15:57	05/11/23 11:46	7440-47-3	
Copper	17200	ug/kg	1060	252	1	05/09/23 15:57	05/11/23 11:46	7440-50-8	
Lead	8600	ug/kg	1060	491	1	05/09/23 15:57	05/11/23 11:46	7439-92-1	
Zinc	44300	ug/kg	1060	917	1	05/09/23 15:57	05/11/23 11:46	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	850	ug/kg	53.7	24.4	1	05/04/23 23:00	05/06/23 00:34	7440-43-9	
Selenium	5090	ug/kg	537	151	5	05/04/23 23:00	05/05/23 18:53	7782-49-2	
Silver	73.5	ug/kg	53.7	2.4	1	05/04/23 23:00	05/06/23 00:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	217	24.9	1	05/08/23 18:04	05/09/23 08:30	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.3	2.1	1	05/01/23 10:26	05/01/23 23:10	83-32-9	
Acenaphthylene	ND	ug/kg	5.3	2.0	1	05/01/23 10:26	05/01/23 23:10	208-96-8	
Anthracene	ND	ug/kg	5.3	2.7	1	05/01/23 10:26	05/01/23 23:10	120-12-7	
Benzo(a)anthracene	9.1	ug/kg	5.3	1.5	1	05/01/23 10:26	05/01/23 23:10	56-55-3	
Benzo(a)pyrene	7.7	ug/kg	5.3	3.2	1	05/01/23 10:26	05/01/23 23:10	50-32-8	
Benzo(b)fluoranthene	11.9	ug/kg	5.3	2.9	1	05/01/23 10:26	05/01/23 23:10	205-99-2	
Benzo(g,h,i)perylene	8.3	ug/kg	5.3	3.2	1	05/01/23 10:26	05/01/23 23:10	191-24-2	
Benzo(k)fluoranthene	3.6J	ug/kg	5.3	2.5	1	05/01/23 10:26	05/01/23 23:10	207-08-9	
Chrysene	12.5	ug/kg	5.3	3.7	1	05/01/23 10:26	05/01/23 23:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.3	2.6	1	05/01/23 10:26	05/01/23 23:10	53-70-3	
Fluoranthene	20.6	ug/kg	5.3	3.7	1	05/01/23 10:26	05/01/23 23:10	206-44-0	
Fluorene	ND	ug/kg	5.3	2.1	1	05/01/23 10:26	05/01/23 23:10	86-73-7	
Indeno(1,2,3-cd)pyrene	4.7J	ug/kg	5.3	2.7	1	05/01/23 10:26	05/01/23 23:10	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.3	5.0	1	05/01/23 10:26	05/01/23 23:10	91-57-6	
Naphthalene	ND	ug/kg	5.3	4.9	1	05/01/23 10:26	05/01/23 23:10	91-20-3	
Phenanthrene	14.1	ug/kg	5.3	3.8	1	05/01/23 10:26	05/01/23 23:10	85-01-8	
Pyrene	17.4	ug/kg	5.3	3.7	1	05/01/23 10:26	05/01/23 23:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	23-115		1	05/01/23 10:26	05/01/23 23:10	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-136		1	05/01/23 10:26	05/01/23 23:10	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.9	%	0.10	0.10	1		05/10/23 15:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-95 (0-2) **Lab ID: 50343434008** Collected: 04/27/23 10:01 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7830	ug/kg	1040	172	1	05/09/23 15:57	05/11/23 11:48	7440-38-2	
Barium	150000	ug/kg	1040	195	1	05/09/23 15:57	05/11/23 11:48	7440-39-3	
Chromium	21400	ug/kg	1040	984	1	05/09/23 15:57	05/11/23 11:48	7440-47-3	
Copper	59200	ug/kg	1040	247	1	05/09/23 15:57	05/11/23 11:48	7440-50-8	
Lead	151000	ug/kg	1040	480	1	05/09/23 15:57	05/11/23 11:48	7439-92-1	
Zinc	281000	ug/kg	1040	895	1	05/09/23 15:57	05/11/23 11:48	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1720	ug/kg	57.1	25.9	1	05/04/23 23:00	05/06/23 00:38	7440-43-9	
Selenium	5830	ug/kg	571	161	5	05/04/23 23:00	05/05/23 18:57	7782-49-2	
Silver	83.2	ug/kg	57.1	2.5	1	05/04/23 23:00	05/06/23 00:38	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	155J	ug/kg	244	28.0	1	05/08/23 18:04	05/09/23 08:33	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	89.6	ug/kg	55.2	22.2	10	05/01/23 10:26	05/01/23 23:24	83-32-9	
Acenaphthylene	270	ug/kg	55.2	20.8	10	05/01/23 10:26	05/01/23 23:24	208-96-8	
Anthracene	733	ug/kg	55.2	27.7	10	05/01/23 10:26	05/01/23 23:24	120-12-7	
Benzo(a)anthracene	2710	ug/kg	55.2	15.7	10	05/01/23 10:26	05/01/23 23:24	56-55-3	
Benzo(a)pyrene	2190	ug/kg	55.2	32.9	10	05/01/23 10:26	05/01/23 23:24	50-32-8	
Benzo(b)fluoranthene	3010	ug/kg	55.2	30.4	10	05/01/23 10:26	05/01/23 23:24	205-99-2	
Benzo(g,h,i)perylene	1180	ug/kg	55.2	32.8	10	05/01/23 10:26	05/01/23 23:24	191-24-2	
Benzo(k)fluoranthene	1130	ug/kg	55.2	25.5	10	05/01/23 10:26	05/01/23 23:24	207-08-9	
Chrysene	2450	ug/kg	55.2	37.9	10	05/01/23 10:26	05/01/23 23:24	218-01-9	
Dibenz(a,h)anthracene	433	ug/kg	55.2	27.2	10	05/01/23 10:26	05/01/23 23:24	53-70-3	
Fluoranthene	5800	ug/kg	55.2	38.5	10	05/01/23 10:26	05/01/23 23:24	206-44-0	
Fluorene	135	ug/kg	55.2	21.8	10	05/01/23 10:26	05/01/23 23:24	86-73-7	
Indeno(1,2,3-cd)pyrene	1210	ug/kg	55.2	28.1	10	05/01/23 10:26	05/01/23 23:24	193-39-5	
2-Methylnaphthalene	ND	ug/kg	55.2	51.9	10	05/01/23 10:26	05/01/23 23:24	91-57-6	
Naphthalene	52.0J	ug/kg	55.2	50.8	10	05/01/23 10:26	05/01/23 23:24	91-20-3	ED
Phenanthrene	2680	ug/kg	55.2	39.8	10	05/01/23 10:26	05/01/23 23:24	85-01-8	
Pyrene	4720	ug/kg	55.2	37.9	10	05/01/23 10:26	05/01/23 23:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		10	05/01/23 10:26	05/01/23 23:24	321-60-8	
p-Terphenyl-d14 (S)	88	%	19-136		10	05/01/23 10:26	05/01/23 23:24	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.0	%	0.10	0.10	1		05/10/23 15:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-96 (0-2) **Lab ID: 50343434009** Collected: 04/27/23 10:09 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9770	ug/kg	1140	189	1	05/09/23 15:57	05/11/23 11:50	7440-38-2	
Barium	390000	ug/kg	1140	215	1	05/09/23 15:57	05/11/23 11:50	7440-39-3	
Chromium	24900	ug/kg	1140	1080	1	05/09/23 15:57	05/11/23 11:50	7440-47-3	
Copper	226000	ug/kg	1140	272	1	05/09/23 15:57	05/11/23 11:50	7440-50-8	
Lead	735000	ug/kg	1140	529	1	05/09/23 15:57	05/11/23 11:50	7439-92-1	
Zinc	704000	ug/kg	1140	986	1	05/09/23 15:57	05/11/23 11:50	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1610	ug/kg	53.6	24.3	1	05/04/23 23:00	05/06/23 00:42	7440-43-9	
Selenium	4200	ug/kg	536	151	5	05/04/23 23:00	05/05/23 19:01	7782-49-2	
Silver	74.0	ug/kg	53.6	2.4	1	05/04/23 23:00	05/06/23 00:42	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	147J	ug/kg	221	25.4	1	05/08/23 18:04	05/09/23 08:35	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1680	ug/kg	56.2	22.6	10	05/01/23 10:26	05/01/23 23:39	83-32-9	
Acenaphthylene	6240	ug/kg	56.2	21.2	10	05/01/23 10:26	05/01/23 23:39	208-96-8	
Anthracene	17400	ug/kg	56.2	28.1	10	05/01/23 10:26	05/01/23 23:39	120-12-7	
Benzo(a)anthracene	61200	ug/kg	56.2	16.0	10	05/01/23 10:26	05/01/23 23:39	56-55-3	
Benzo(a)pyrene	43500	ug/kg	56.2	33.5	10	05/01/23 10:26	05/01/23 23:39	50-32-8	
Benzo(b)fluoranthene	58500	ug/kg	56.2	30.9	10	05/01/23 10:26	05/01/23 23:39	205-99-2	
Benzo(g,h,i)perylene	24600	ug/kg	56.2	33.3	10	05/01/23 10:26	05/01/23 23:39	191-24-2	
Benzo(k)fluoranthene	19500	ug/kg	56.2	26.0	10	05/01/23 10:26	05/01/23 23:39	207-08-9	
Chrysene	54200	ug/kg	56.2	38.6	10	05/01/23 10:26	05/01/23 23:39	218-01-9	
Dibenz(a,h)anthracene	8420	ug/kg	56.2	27.6	10	05/01/23 10:26	05/01/23 23:39	53-70-3	
Fluoranthene	146000	ug/kg	281	196	50	05/01/23 10:26	05/02/23 14:35	206-44-0	
Fluorene	2650	ug/kg	56.2	22.2	10	05/01/23 10:26	05/01/23 23:39	86-73-7	
Indeno(1,2,3-cd)pyrene	24900	ug/kg	56.2	28.6	10	05/01/23 10:26	05/01/23 23:39	193-39-5	
2-Methylnaphthalene	627	ug/kg	56.2	52.8	10	05/01/23 10:26	05/01/23 23:39	91-57-6	
Naphthalene	1030	ug/kg	56.2	51.7	10	05/01/23 10:26	05/01/23 23:39	91-20-3	ED
Phenanthrene	69500	ug/kg	56.2	40.5	10	05/01/23 10:26	05/01/23 23:39	85-01-8	
Pyrene	122000	ug/kg	281	193	50	05/01/23 10:26	05/02/23 14:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		10	05/01/23 10:26	05/01/23 23:39	321-60-8	
p-Terphenyl-d14 (S)	109	%	19-136		10	05/01/23 10:26	05/01/23 23:39	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.5	%	0.10	0.10	1		05/10/23 15:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-97 (0-2) **Lab ID: 50343434010** Collected: 04/27/23 10:13 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14300	ug/kg	1130	188	1	05/09/23 15:57	05/11/23 11:53	7440-38-2	
Barium	309000	ug/kg	1130	213	1	05/09/23 15:57	05/11/23 11:53	7440-39-3	
Chromium	39100	ug/kg	1130	1080	1	05/09/23 15:57	05/11/23 11:53	7440-47-3	
Copper	77600	ug/kg	1130	270	1	05/09/23 15:57	05/11/23 11:53	7440-50-8	
Lead	200000	ug/kg	1130	525	1	05/09/23 15:57	05/11/23 11:53	7439-92-1	
Zinc	276000	ug/kg	1130	980	1	05/09/23 15:57	05/11/23 11:53	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1240	ug/kg	54.3	24.7	1	05/04/23 23:00	05/06/23 00:46	7440-43-9	
Selenium	4670	ug/kg	543	153	5	05/04/23 23:00	05/05/23 19:05	7782-49-2	
Silver	96.6	ug/kg	54.3	2.4	1	05/04/23 23:00	05/06/23 00:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	333	ug/kg	240	27.6	1	05/08/23 18:04	05/09/23 08:38	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	109	ug/kg	5.7	2.3	1	05/01/23 10:26	05/01/23 23:53	83-32-9	
Acenaphthylene	27.2	ug/kg	5.7	2.1	1	05/01/23 10:26	05/01/23 23:53	208-96-8	
Anthracene	344	ug/kg	5.7	2.9	1	05/01/23 10:26	05/01/23 23:53	120-12-7	
Benzo(a)anthracene	604	ug/kg	5.7	1.6	1	05/01/23 10:26	05/01/23 23:53	56-55-3	
Benzo(a)pyrene	496	ug/kg	5.7	3.4	1	05/01/23 10:26	05/01/23 23:53	50-32-8	
Benzo(b)fluoranthene	727	ug/kg	5.7	3.1	1	05/01/23 10:26	05/01/23 23:53	205-99-2	
Benzo(g,h,i)perylene	305	ug/kg	5.7	3.4	1	05/01/23 10:26	05/01/23 23:53	191-24-2	
Benzo(k)fluoranthene	213	ug/kg	5.7	2.6	1	05/01/23 10:26	05/01/23 23:53	207-08-9	
Chrysene	611	ug/kg	5.7	3.9	1	05/01/23 10:26	05/01/23 23:53	218-01-9	
Dibenz(a,h)anthracene	98.5	ug/kg	5.7	2.8	1	05/01/23 10:26	05/01/23 23:53	53-70-3	
Fluoranthene	1560	ug/kg	5.7	4.0	1	05/01/23 10:26	05/01/23 23:53	206-44-0	
Fluorene	143	ug/kg	5.7	2.3	1	05/01/23 10:26	05/01/23 23:53	86-73-7	
Indeno(1,2,3-cd)pyrene	299	ug/kg	5.7	2.9	1	05/01/23 10:26	05/01/23 23:53	193-39-5	
2-Methylnaphthalene	455	ug/kg	5.7	5.4	1	05/01/23 10:26	05/01/23 23:53	91-57-6	
Naphthalene	329	ug/kg	5.7	5.2	1	05/01/23 10:26	05/01/23 23:53	91-20-3	
Phenanthrene	1500	ug/kg	5.7	4.1	1	05/01/23 10:26	05/01/23 23:53	85-01-8	
Pyrene	1280	ug/kg	5.7	3.9	1	05/01/23 10:26	05/01/23 23:53	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		1	05/01/23 10:26	05/01/23 23:53	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		1	05/01/23 10:26	05/01/23 23:53	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.7	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-88 (0-2) **Lab ID: 50343434011** Collected: 04/27/23 10:03 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6770	ug/kg	1060	176	1	05/09/23 15:57	05/11/23 11:55	7440-38-2	
Barium	63700	ug/kg	1060	199	1	05/09/23 15:57	05/11/23 11:55	7440-39-3	
Chromium	15900	ug/kg	1060	1010	1	05/09/23 15:57	05/11/23 11:55	7440-47-3	
Copper	21600	ug/kg	1060	252	1	05/09/23 15:57	05/11/23 11:55	7440-50-8	
Lead	42700	ug/kg	1060	490	1	05/09/23 15:57	05/11/23 11:55	7439-92-1	
Zinc	75100	ug/kg	1060	914	1	05/09/23 15:57	05/11/23 11:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	862	ug/kg	55.5	25.2	1	05/04/23 23:00	05/06/23 00:50	7440-43-9	
Selenium	3970	ug/kg	555	156	5	05/04/23 23:00	05/05/23 19:09	7782-49-2	
Silver	54.0J	ug/kg	55.5	2.5	1	05/04/23 23:00	05/06/23 00:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	38.4J	ug/kg	218	25.0	1	05/08/23 18:04	05/09/23 08:40	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.6	2.2	1	05/01/23 10:26	05/02/23 00:08	83-32-9	
Acenaphthylene	ND	ug/kg	5.6	2.1	1	05/01/23 10:26	05/02/23 00:08	208-96-8	
Anthracene	4.0J	ug/kg	5.6	2.8	1	05/01/23 10:26	05/02/23 00:08	120-12-7	
Benzo(a)anthracene	24.9	ug/kg	5.6	1.6	1	05/01/23 10:26	05/02/23 00:08	56-55-3	
Benzo(a)pyrene	25.1	ug/kg	5.6	3.3	1	05/01/23 10:26	05/02/23 00:08	50-32-8	
Benzo(b)fluoranthene	35.3	ug/kg	5.6	3.1	1	05/01/23 10:26	05/02/23 00:08	205-99-2	
Benzo(g,h,i)perylene	21.5	ug/kg	5.6	3.3	1	05/01/23 10:26	05/02/23 00:08	191-24-2	
Benzo(k)fluoranthene	10.5	ug/kg	5.6	2.6	1	05/01/23 10:26	05/02/23 00:08	207-08-9	
Chrysene	27.2	ug/kg	5.6	3.8	1	05/01/23 10:26	05/02/23 00:08	218-01-9	
Dibenz(a,h)anthracene	5.4J	ug/kg	5.6	2.7	1	05/01/23 10:26	05/02/23 00:08	53-70-3	
Fluoranthene	44.8	ug/kg	5.6	3.9	1	05/01/23 10:26	05/02/23 00:08	206-44-0	
Fluorene	ND	ug/kg	5.6	2.2	1	05/01/23 10:26	05/02/23 00:08	86-73-7	
Indeno(1,2,3-cd)pyrene	16.7	ug/kg	5.6	2.8	1	05/01/23 10:26	05/02/23 00:08	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.6	5.2	1	05/01/23 10:26	05/02/23 00:08	91-57-6	
Naphthalene	ND	ug/kg	5.6	5.1	1	05/01/23 10:26	05/02/23 00:08	91-20-3	
Phenanthrene	17.2	ug/kg	5.6	4.0	1	05/01/23 10:26	05/02/23 00:08	85-01-8	
Pyrene	43.1	ug/kg	5.6	3.8	1	05/01/23 10:26	05/02/23 00:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		1	05/01/23 10:26	05/02/23 00:08	321-60-8	
p-Terphenyl-d14 (S)	100	%	19-136		1	05/01/23 10:26	05/02/23 00:08	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.2	%	0.10	0.10	1		05/10/23 16:00		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-98 (0-2) **Lab ID: 50343434012** Collected: 04/27/23 10:17 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5650	ug/kg	987	164	1	05/09/23 15:57	05/11/23 11:57	7440-38-2	
Barium	93400	ug/kg	987	186	1	05/09/23 15:57	05/11/23 11:57	7440-39-3	
Chromium	14300	ug/kg	987	938	1	05/09/23 15:57	05/11/23 11:57	7440-47-3	
Copper	42000	ug/kg	987	235	1	05/09/23 15:57	05/11/23 11:57	7440-50-8	
Lead	118000	ug/kg	987	457	1	05/09/23 15:57	05/11/23 11:57	7439-92-1	
Zinc	130000	ug/kg	987	853	1	05/09/23 15:57	05/11/23 11:57	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1550	ug/kg	56.0	25.4	1	05/04/23 23:00	05/06/23 01:02	7440-43-9	
Selenium	5330	ug/kg	560	158	5	05/04/23 23:00	05/05/23 19:21	7782-49-2	
Silver	105	ug/kg	56.0	2.5	1	05/04/23 23:00	05/06/23 01:02	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	203J	ug/kg	239	27.5	1	05/08/23 18:04	05/09/23 08:47	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	30.7	ug/kg	5.5	2.2	1	05/01/23 10:26	05/02/23 00:22	83-32-9	
Acenaphthylene	11.9	ug/kg	5.5	2.1	1	05/01/23 10:26	05/02/23 00:22	208-96-8	
Anthracene	63.7	ug/kg	5.5	2.8	1	05/01/23 10:26	05/02/23 00:22	120-12-7	
Benzo(a)anthracene	211	ug/kg	5.5	1.6	1	05/01/23 10:26	05/02/23 00:22	56-55-3	
Benzo(a)pyrene	205	ug/kg	5.5	3.3	1	05/01/23 10:26	05/02/23 00:22	50-32-8	
Benzo(b)fluoranthene	296	ug/kg	5.5	3.1	1	05/01/23 10:26	05/02/23 00:22	205-99-2	
Benzo(g,h,i)perylene	129	ug/kg	5.5	3.3	1	05/01/23 10:26	05/02/23 00:22	191-24-2	
Benzo(k)fluoranthene	87.9	ug/kg	5.5	2.6	1	05/01/23 10:26	05/02/23 00:22	207-08-9	
Chrysene	244	ug/kg	5.5	3.8	1	05/01/23 10:26	05/02/23 00:22	218-01-9	
Dibenz(a,h)anthracene	41.5	ug/kg	5.5	2.7	1	05/01/23 10:26	05/02/23 00:22	53-70-3	
Fluoranthene	464	ug/kg	5.5	3.9	1	05/01/23 10:26	05/02/23 00:22	206-44-0	
Fluorene	27.7	ug/kg	5.5	2.2	1	05/01/23 10:26	05/02/23 00:22	86-73-7	
Indeno(1,2,3-cd)pyrene	123	ug/kg	5.5	2.8	1	05/01/23 10:26	05/02/23 00:22	193-39-5	
2-Methylnaphthalene	59.2	ug/kg	5.5	5.2	1	05/01/23 10:26	05/02/23 00:22	91-57-6	
Naphthalene	43.7	ug/kg	5.5	5.1	1	05/01/23 10:26	05/02/23 00:22	91-20-3	
Phenanthrene	304	ug/kg	5.5	4.0	1	05/01/23 10:26	05/02/23 00:22	85-01-8	
Pyrene	407	ug/kg	5.5	3.8	1	05/01/23 10:26	05/02/23 00:22	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		1	05/01/23 10:26	05/02/23 00:22	321-60-8	
p-Terphenyl-d14 (S)	94	%	19-136		1	05/01/23 10:26	05/02/23 00:22	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.9	%	0.10	0.10	1		05/10/23 16:00		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: **SB-99 (0-2)** Lab ID: **50343434013** Collected: 04/27/23 10:20 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9160	ug/kg	986	164	1	05/09/23 15:57	05/11/23 12:00	7440-38-2	
Barium	107000	ug/kg	986	185	1	05/09/23 15:57	05/11/23 12:00	7440-39-3	
Chromium	17500	ug/kg	986	937	1	05/09/23 15:57	05/11/23 12:00	7440-47-3	
Copper	37300	ug/kg	986	235	1	05/09/23 15:57	05/11/23 12:00	7440-50-8	
Lead	82800	ug/kg	986	457	1	05/09/23 15:57	05/11/23 12:00	7439-92-1	
Zinc	125000	ug/kg	986	852	1	05/09/23 15:57	05/11/23 12:00	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1370	ug/kg	53.5	24.3	1	05/04/23 23:00	05/06/23 01:06	7440-43-9	
Selenium	5580	ug/kg	535	151	5	05/04/23 23:00	05/05/23 19:24	7782-49-2	
Silver	97.6	ug/kg	53.5	2.4	1	05/04/23 23:00	05/06/23 01:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	184J	ug/kg	237	27.3	1	05/08/23 18:04	05/09/23 08:50	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	23.4	ug/kg	5.5	2.2	1	05/01/23 10:26	05/02/23 00:37	83-32-9	
Acenaphthylene	10.6	ug/kg	5.5	2.1	1	05/01/23 10:26	05/02/23 00:37	208-96-8	
Anthracene	74.5	ug/kg	5.5	2.7	1	05/01/23 10:26	05/02/23 00:37	120-12-7	
Benzo(a)anthracene	209	ug/kg	5.5	1.6	1	05/01/23 10:26	05/02/23 00:37	56-55-3	
Benzo(a)pyrene	193	ug/kg	5.5	3.3	1	05/01/23 10:26	05/02/23 00:37	50-32-8	
Benzo(b)fluoranthene	263	ug/kg	5.5	3.0	1	05/01/23 10:26	05/02/23 00:37	205-99-2	
Benzo(g,h,i)perylene	134	ug/kg	5.5	3.2	1	05/01/23 10:26	05/02/23 00:37	191-24-2	
Benzo(k)fluoranthene	76.0	ug/kg	5.5	2.5	1	05/01/23 10:26	05/02/23 00:37	207-08-9	
Chrysene	208	ug/kg	5.5	3.8	1	05/01/23 10:26	05/02/23 00:37	218-01-9	
Dibenz(a,h)anthracene	40.5	ug/kg	5.5	2.7	1	05/01/23 10:26	05/02/23 00:37	53-70-3	
Fluoranthene	410	ug/kg	5.5	3.8	1	05/01/23 10:26	05/02/23 00:37	206-44-0	
Fluorene	20.8	ug/kg	5.5	2.2	1	05/01/23 10:26	05/02/23 00:37	86-73-7	
Indeno(1,2,3-cd)pyrene	118	ug/kg	5.5	2.8	1	05/01/23 10:26	05/02/23 00:37	193-39-5	
2-Methylnaphthalene	20.4	ug/kg	5.5	5.1	1	05/01/23 10:26	05/02/23 00:37	91-57-6	
Naphthalene	16.2	ug/kg	5.5	5.0	1	05/01/23 10:26	05/02/23 00:37	91-20-3	
Phenanthrene	292	ug/kg	5.5	3.9	1	05/01/23 10:26	05/02/23 00:37	85-01-8	
Pyrene	418	ug/kg	5.5	3.8	1	05/01/23 10:26	05/02/23 00:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		1	05/01/23 10:26	05/02/23 00:37	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		1	05/01/23 10:26	05/02/23 00:37	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.2	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Sample: SB-100 (0-2) **Lab ID: 50343434014** Collected: 04/27/23 10:26 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7720	ug/kg	1040	173	1	05/09/23 15:57	05/11/23 12:02	7440-38-2	
Barium	92400	ug/kg	1040	196	1	05/09/23 15:57	05/11/23 12:02	7440-39-3	
Chromium	18500	ug/kg	1040	988	1	05/09/23 15:57	05/11/23 12:02	7440-47-3	
Copper	39100	ug/kg	1040	248	1	05/09/23 15:57	05/11/23 12:02	7440-50-8	
Lead	89400	ug/kg	1040	482	1	05/09/23 15:57	05/11/23 12:02	7439-92-1	
Zinc	118000	ug/kg	1040	899	1	05/09/23 15:57	05/11/23 12:02	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1320	ug/kg	54.9	24.9	1	05/04/23 23:00	05/06/23 01:09	7440-43-9	
Selenium	5050	ug/kg	549	155	5	05/04/23 23:00	05/05/23 19:28	7782-49-2	
Silver	92.5	ug/kg	54.9	2.4	1	05/04/23 23:00	05/06/23 01:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	343	ug/kg	248	28.5	1	05/08/23 18:04	05/09/23 08:52	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	5.6J	ug/kg	5.7	2.3	1	05/01/23 10:26	05/02/23 00:52	83-32-9	
Acenaphthylene	ND	ug/kg	5.7	2.1	1	05/01/23 10:26	05/02/23 00:52	208-96-8	
Anthracene	13.2	ug/kg	5.7	2.8	1	05/01/23 10:26	05/02/23 00:52	120-12-7	
Benzo(a)anthracene	48.5	ug/kg	5.7	1.6	1	05/01/23 10:26	05/02/23 00:52	56-55-3	
Benzo(a)pyrene	54.0	ug/kg	5.7	3.4	1	05/01/23 10:26	05/02/23 00:52	50-32-8	
Benzo(b)fluoranthene	86.2	ug/kg	5.7	3.1	1	05/01/23 10:26	05/02/23 00:52	205-99-2	
Benzo(g,h,i)perylene	49.1	ug/kg	5.7	3.4	1	05/01/23 10:26	05/02/23 00:52	191-24-2	
Benzo(k)fluoranthene	25.2	ug/kg	5.7	2.6	1	05/01/23 10:26	05/02/23 00:52	207-08-9	
Chrysene	49.5	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 00:52	218-01-9	
Dibenz(a,h)anthracene	12.2	ug/kg	5.7	2.8	1	05/01/23 10:26	05/02/23 00:52	53-70-3	
Fluoranthene	82.3	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 00:52	206-44-0	
Fluorene	5.3J	ug/kg	5.7	2.2	1	05/01/23 10:26	05/02/23 00:52	86-73-7	
Indeno(1,2,3-cd)pyrene	42.5	ug/kg	5.7	2.9	1	05/01/23 10:26	05/02/23 00:52	193-39-5	
2-Methylnaphthalene	10.1	ug/kg	5.7	5.3	1	05/01/23 10:26	05/02/23 00:52	91-57-6	
Naphthalene	8.2	ug/kg	5.7	5.2	1	05/01/23 10:26	05/02/23 00:52	91-20-3	
Phenanthrene	52.2	ug/kg	5.7	4.1	1	05/01/23 10:26	05/02/23 00:52	85-01-8	
Pyrene	81.7	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 00:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	05/01/23 10:26	05/02/23 00:52	321-60-8	
p-Terphenyl-d14 (S)	88	%	19-136		1	05/01/23 10:26	05/02/23 00:52	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.4	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-101 (0-2) **Lab ID: 50343434015** Collected: 04/27/23 10:38 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8270	ug/kg	1020	169	1	05/09/23 15:57	05/11/23 12:09	7440-38-2	
Barium	112000	ug/kg	1020	191	1	05/09/23 15:57	05/11/23 12:09	7440-39-3	
Chromium	17600	ug/kg	1020	967	1	05/09/23 15:57	05/11/23 12:09	7440-47-3	
Copper	56100	ug/kg	1020	242	1	05/09/23 15:57	05/11/23 12:09	7440-50-8	
Lead	141000	ug/kg	1020	471	1	05/09/23 15:57	05/11/23 12:09	7439-92-1	
Zinc	208000	ug/kg	1020	879	1	05/09/23 15:57	05/11/23 12:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	14500	ug/kg	57.3	26.0	1	05/04/23 23:00	05/06/23 01:13	7440-43-9	
Selenium	4840	ug/kg	573	162	5	05/04/23 23:00	05/05/23 19:32	7782-49-2	
Silver	123	ug/kg	57.3	2.5	1	05/04/23 23:00	05/06/23 01:13	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	355	ug/kg	216	24.9	1	05/08/23 18:04	05/09/23 08:55	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	63.0	ug/kg	28.3	11.4	5	05/01/23 10:26	05/02/23 01:06	83-32-9	
Acenaphthylene	85.0	ug/kg	28.3	10.6	5	05/01/23 10:26	05/02/23 01:06	208-96-8	
Anthracene	284	ug/kg	28.3	14.2	5	05/01/23 10:26	05/02/23 01:06	120-12-7	
Benzo(a)anthracene	925	ug/kg	28.3	8.0	5	05/01/23 10:26	05/02/23 01:06	56-55-3	
Benzo(a)pyrene	844	ug/kg	28.3	16.8	5	05/01/23 10:26	05/02/23 01:06	50-32-8	
Benzo(b)fluoranthene	1140	ug/kg	28.3	15.6	5	05/01/23 10:26	05/02/23 01:06	205-99-2	
Benzo(g,h,i)perylene	490	ug/kg	28.3	16.8	5	05/01/23 10:26	05/02/23 01:06	191-24-2	
Benzo(k)fluoranthene	347	ug/kg	28.3	13.1	5	05/01/23 10:26	05/02/23 01:06	207-08-9	
Chrysene	902	ug/kg	28.3	19.4	5	05/01/23 10:26	05/02/23 01:06	218-01-9	
Dibenz(a,h)anthracene	165	ug/kg	28.3	13.9	5	05/01/23 10:26	05/02/23 01:06	53-70-3	
Fluoranthene	1820	ug/kg	28.3	19.7	5	05/01/23 10:26	05/02/23 01:06	206-44-0	
Fluorene	76.9	ug/kg	28.3	11.2	5	05/01/23 10:26	05/02/23 01:06	86-73-7	
Indeno(1,2,3-cd)pyrene	483	ug/kg	28.3	14.4	5	05/01/23 10:26	05/02/23 01:06	193-39-5	
2-Methylnaphthalene	44.3	ug/kg	28.3	26.6	5	05/01/23 10:26	05/02/23 01:06	91-57-6	
Naphthalene	44.2	ug/kg	28.3	26.0	5	05/01/23 10:26	05/02/23 01:06	91-20-3	ED
Phenanthrene	987	ug/kg	28.3	20.4	5	05/01/23 10:26	05/02/23 01:06	85-01-8	
Pyrene	1670	ug/kg	28.3	19.4	5	05/01/23 10:26	05/02/23 01:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	23-115		5	05/01/23 10:26	05/02/23 01:06	321-60-8	
p-Terphenyl-d14 (S)	95	%	19-136		5	05/01/23 10:26	05/02/23 01:06	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.3	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-102 (0-2) **Lab ID: 50343434016** Collected: 04/27/23 11:17 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	17600	ug/kg	1010	168	1	05/09/23 15:57	05/11/23 12:11	7440-38-2	
Barium	1110000	ug/kg	1010	190	1	05/09/23 15:57	05/11/23 12:11	7440-39-3	
Chromium	31200	ug/kg	1010	962	1	05/09/23 15:57	05/11/23 12:11	7440-47-3	
Copper	182000	ug/kg	1010	241	1	05/09/23 15:57	05/11/23 12:11	7440-50-8	
Lead	2270000	ug/kg	1010	469	1	05/09/23 15:57	05/11/23 12:11	7439-92-1	
Zinc	1290000	ug/kg	1010	875	1	05/09/23 15:57	05/11/23 12:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	9120	ug/kg	54.3	24.7	1	05/04/23 23:00	05/06/23 01:17	7440-43-9	
Selenium	6050	ug/kg	543	153	5	05/04/23 23:00	05/05/23 19:36	7782-49-2	
Silver	225	ug/kg	54.3	2.4	1	05/04/23 23:00	05/06/23 01:17	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	6120	ug/kg	1220	140	5	05/08/23 18:04	05/09/23 13:20	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	42.5	ug/kg	28.9	11.6	5	05/01/23 10:26	05/02/23 01:21	83-32-9	
Acenaphthylene	40.8	ug/kg	28.9	10.9	5	05/01/23 10:26	05/02/23 01:21	208-96-8	
Anthracene	174	ug/kg	28.9	14.5	5	05/01/23 10:26	05/02/23 01:21	120-12-7	
Benzo(a)anthracene	463	ug/kg	28.9	8.2	5	05/01/23 10:26	05/02/23 01:21	56-55-3	
Benzo(a)pyrene	394	ug/kg	28.9	17.2	5	05/01/23 10:26	05/02/23 01:21	50-32-8	
Benzo(b)fluoranthene	610	ug/kg	28.9	15.9	5	05/01/23 10:26	05/02/23 01:21	205-99-2	
Benzo(g,h,i)perylene	241	ug/kg	28.9	17.1	5	05/01/23 10:26	05/02/23 01:21	191-24-2	
Benzo(k)fluoranthene	186	ug/kg	28.9	13.3	5	05/01/23 10:26	05/02/23 01:21	207-08-9	
Chrysene	485	ug/kg	28.9	19.8	5	05/01/23 10:26	05/02/23 01:21	218-01-9	
Dibenz(a,h)anthracene	85.8	ug/kg	28.9	14.2	5	05/01/23 10:26	05/02/23 01:21	53-70-3	
Fluoranthene	972	ug/kg	28.9	20.1	5	05/01/23 10:26	05/02/23 01:21	206-44-0	
Fluorene	60.6	ug/kg	28.9	11.4	5	05/01/23 10:26	05/02/23 01:21	86-73-7	
Indeno(1,2,3-cd)pyrene	238	ug/kg	28.9	14.7	5	05/01/23 10:26	05/02/23 01:21	193-39-5	
2-Methylnaphthalene	312	ug/kg	28.9	27.1	5	05/01/23 10:26	05/02/23 01:21	91-57-6	
Naphthalene	195	ug/kg	28.9	26.6	5	05/01/23 10:26	05/02/23 01:21	91-20-3	ED
Phenanthrene	633	ug/kg	28.9	20.8	5	05/01/23 10:26	05/02/23 01:21	85-01-8	
Pyrene	870	ug/kg	28.9	19.8	5	05/01/23 10:26	05/02/23 01:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		5	05/01/23 10:26	05/02/23 01:21	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136		5	05/01/23 10:26	05/02/23 01:21	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-103 (0-2) **Lab ID: 50343434017** Collected: 04/27/23 11:20 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14800	ug/kg	1090	182	1	05/09/23 15:57	05/11/23 12:14	7440-38-2	
Barium	364000	ug/kg	1090	206	1	05/09/23 15:57	05/11/23 12:14	7440-39-3	
Chromium	26300	ug/kg	1090	1040	1	05/09/23 15:57	05/11/23 12:14	7440-47-3	
Copper	59900	ug/kg	1090	261	1	05/09/23 15:57	05/11/23 12:14	7440-50-8	
Lead	882000	ug/kg	1090	507	1	05/09/23 15:57	05/11/23 12:14	7439-92-1	
Zinc	258000	ug/kg	1090	946	1	05/09/23 15:57	05/11/23 12:14	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	9130	ug/kg	52.8	24.0	1	05/04/23 23:00	05/06/23 01:33	7440-43-9	
Selenium	4860	ug/kg	528	149	5	05/04/23 23:00	05/05/23 19:48	7782-49-2	
Silver	93.3	ug/kg	52.8	2.3	1	05/04/23 23:00	05/06/23 01:33	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	5040	ug/kg	1140	131	5	05/08/23 18:04	05/09/23 13:23	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	158	ug/kg	27.6	11.1	5	05/01/23 10:26	05/02/23 01:35	83-32-9	
Acenaphthylene	37.6	ug/kg	27.6	10.4	5	05/01/23 10:26	05/02/23 01:35	208-96-8	
Anthracene	334	ug/kg	27.6	13.8	5	05/01/23 10:26	05/02/23 01:35	120-12-7	
Benzo(a)anthracene	664	ug/kg	27.6	7.8	5	05/01/23 10:26	05/02/23 01:35	56-55-3	
Benzo(a)pyrene	580	ug/kg	27.6	16.4	5	05/01/23 10:26	05/02/23 01:35	50-32-8	
Benzo(b)fluoranthene	765	ug/kg	27.6	15.2	5	05/01/23 10:26	05/02/23 01:35	205-99-2	
Benzo(g,h,i)perylene	392	ug/kg	27.6	16.4	5	05/01/23 10:26	05/02/23 01:35	191-24-2	
Benzo(k)fluoranthene	223	ug/kg	27.6	12.7	5	05/01/23 10:26	05/02/23 01:35	207-08-9	
Chrysene	704	ug/kg	27.6	18.9	5	05/01/23 10:26	05/02/23 01:35	218-01-9	
Dibenz(a,h)anthracene	115	ug/kg	27.6	13.6	5	05/01/23 10:26	05/02/23 01:35	53-70-3	
Fluoranthene	1430	ug/kg	27.6	19.2	5	05/01/23 10:26	05/02/23 01:35	206-44-0	
Fluorene	128	ug/kg	27.6	10.9	5	05/01/23 10:26	05/02/23 01:35	86-73-7	
Indeno(1,2,3-cd)pyrene	342	ug/kg	27.6	14.0	5	05/01/23 10:26	05/02/23 01:35	193-39-5	
2-Methylnaphthalene	184	ug/kg	27.6	25.9	5	05/01/23 10:26	05/02/23 01:35	91-57-6	
Naphthalene	103	ug/kg	27.6	25.4	5	05/01/23 10:26	05/02/23 01:35	91-20-3	ED
Phenanthrene	1500	ug/kg	27.6	19.9	5	05/01/23 10:26	05/02/23 01:35	85-01-8	
Pyrene	1530	ug/kg	27.6	18.9	5	05/01/23 10:26	05/02/23 01:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		5	05/01/23 10:26	05/02/23 01:35	321-60-8	
p-Terphenyl-d14 (S)	93	%	19-136		5	05/01/23 10:26	05/02/23 01:35	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.8	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-104 (0-2) **Lab ID: 50343434018** Collected: 04/27/23 11:29 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14000	ug/kg	1100	183	1	05/09/23 15:57	05/11/23 12:16	7440-38-2	
Barium	332000	ug/kg	1100	207	1	05/09/23 15:57	05/11/23 12:16	7440-39-3	
Chromium	20700	ug/kg	1100	1050	1	05/09/23 15:57	05/11/23 12:16	7440-47-3	
Copper	91200	ug/kg	1100	263	1	05/09/23 15:57	05/11/23 12:16	7440-50-8	
Lead	358000	ug/kg	1100	511	1	05/09/23 15:57	05/11/23 12:16	7439-92-1	
Zinc	269000	ug/kg	1100	953	1	05/09/23 15:57	05/11/23 12:16	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4300	ug/kg	54.9	24.9	1	05/04/23 23:00	05/06/23 01:37	7440-43-9	
Selenium	5030	ug/kg	549	155	5	05/04/23 23:00	05/05/23 19:52	7782-49-2	
Silver	129	ug/kg	54.9	2.4	1	05/04/23 23:00	05/06/23 01:37	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	386	ug/kg	235	27.0	1	05/08/23 18:04	05/09/23 09:05	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	356	ug/kg	28.0	11.3	5	05/01/23 10:26	05/02/23 01:50	83-32-9	
Acenaphthylene	1420	ug/kg	28.0	10.5	5	05/01/23 10:26	05/02/23 01:50	208-96-8	
Anthracene	1750	ug/kg	28.0	14.0	5	05/01/23 10:26	05/02/23 01:50	120-12-7	
Benzo(a)anthracene	5890	ug/kg	28.0	8.0	5	05/01/23 10:26	05/02/23 01:50	56-55-3	
Benzo(a)pyrene	4120	ug/kg	28.0	16.7	5	05/01/23 10:26	05/02/23 01:50	50-32-8	
Benzo(b)fluoranthene	5950	ug/kg	28.0	15.4	5	05/01/23 10:26	05/02/23 01:50	205-99-2	
Benzo(g,h,i)perylene	2380	ug/kg	28.0	16.6	5	05/01/23 10:26	05/02/23 01:50	191-24-2	
Benzo(k)fluoranthene	1850	ug/kg	28.0	12.9	5	05/01/23 10:26	05/02/23 01:50	207-08-9	
Chrysene	5540	ug/kg	28.0	19.2	5	05/01/23 10:26	05/02/23 01:50	218-01-9	
Dibenz(a,h)anthracene	898	ug/kg	28.0	13.8	5	05/01/23 10:26	05/02/23 01:50	53-70-3	
Fluoranthene	9660	ug/kg	28.0	19.5	5	05/01/23 10:26	05/02/23 01:50	206-44-0	
Fluorene	590	ug/kg	28.0	11.1	5	05/01/23 10:26	05/02/23 01:50	86-73-7	
Indeno(1,2,3-cd)pyrene	2270	ug/kg	28.0	14.3	5	05/01/23 10:26	05/02/23 01:50	193-39-5	
2-Methylnaphthalene	255	ug/kg	28.0	26.3	5	05/01/23 10:26	05/02/23 01:50	91-57-6	
Naphthalene	197	ug/kg	28.0	25.8	5	05/01/23 10:26	05/02/23 01:50	91-20-3	ED
Phenanthrene	6600	ug/kg	28.0	20.2	5	05/01/23 10:26	05/02/23 01:50	85-01-8	
Pyrene	10700	ug/kg	28.0	19.2	5	05/01/23 10:26	05/02/23 01:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		5	05/01/23 10:26	05/02/23 01:50	321-60-8	
p-Terphenyl-d14 (S)	88	%	19-136		5	05/01/23 10:26	05/02/23 01:50	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.5	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-105 (0-2) **Lab ID: 50343434019** Collected: 04/27/23 11:32 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	13000	ug/kg	1100	183	1	05/09/23 15:57	05/11/23 12:18	7440-38-2	
Barium	1070000	ug/kg	1100	207	1	05/09/23 15:57	05/11/23 12:18	7440-39-3	
Chromium	60400	ug/kg	1100	1050	1	05/09/23 15:57	05/11/23 12:18	7440-47-3	
Copper	516000	ug/kg	1100	262	1	05/09/23 15:57	05/11/23 12:18	7440-50-8	
Lead	4270000	ug/kg	1100	510	1	05/09/23 15:57	05/11/23 12:18	7439-92-1	
Zinc	767000	ug/kg	1100	952	1	05/09/23 15:57	05/11/23 12:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	115000	ug/kg	580	263	10	05/04/23 23:00	05/05/23 21:02	7440-43-9	
Selenium	4900	ug/kg	580	163	5	05/04/23 23:00	05/05/23 19:56	7782-49-2	
Silver	2100	ug/kg	58.0	2.6	1	05/04/23 23:00	05/06/23 01:41	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	2990	ug/kg	467	53.6	2	05/08/23 18:04	05/09/23 13:25	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	29.2	11.7	5	05/01/23 10:26	05/02/23 02:04	83-32-9	
Acenaphthylene	54.7	ug/kg	29.2	11.0	5	05/01/23 10:26	05/02/23 02:04	208-96-8	
Anthracene	53.4	ug/kg	29.2	14.6	5	05/01/23 10:26	05/02/23 02:04	120-12-7	
Benzo(a)anthracene	210	ug/kg	29.2	8.3	5	05/01/23 10:26	05/02/23 02:04	56-55-3	
Benzo(a)pyrene	182	ug/kg	29.2	17.4	5	05/01/23 10:26	05/02/23 02:04	50-32-8	
Benzo(b)fluoranthene	334	ug/kg	29.2	16.0	5	05/01/23 10:26	05/02/23 02:04	205-99-2	
Benzo(g,h,i)perylene	171	ug/kg	29.2	17.3	5	05/01/23 10:26	05/02/23 02:04	191-24-2	
Benzo(k)fluoranthene	103	ug/kg	29.2	13.5	5	05/01/23 10:26	05/02/23 02:04	207-08-9	
Chrysene	329	ug/kg	29.2	20.0	5	05/01/23 10:26	05/02/23 02:04	218-01-9	
Dibenz(a,h)anthracene	55.4	ug/kg	29.2	14.3	5	05/01/23 10:26	05/02/23 02:04	53-70-3	
Fluoranthene	312	ug/kg	29.2	20.3	5	05/01/23 10:26	05/02/23 02:04	206-44-0	
Fluorene	ND	ug/kg	29.2	11.5	5	05/01/23 10:26	05/02/23 02:04	86-73-7	
Indeno(1,2,3-cd)pyrene	147	ug/kg	29.2	14.9	5	05/01/23 10:26	05/02/23 02:04	193-39-5	
2-Methylnaphthalene	378	ug/kg	29.2	27.4	5	05/01/23 10:26	05/02/23 02:04	91-57-6	
Naphthalene	346	ug/kg	29.2	26.8	5	05/01/23 10:26	05/02/23 02:04	91-20-3	ED
Phenanthrene	342	ug/kg	29.2	21.0	5	05/01/23 10:26	05/02/23 02:04	85-01-8	
Pyrene	306	ug/kg	29.2	20.0	5	05/01/23 10:26	05/02/23 02:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		5	05/01/23 10:26	05/02/23 02:04	321-60-8	
p-Terphenyl-d14 (S)	82	%	19-136		5	05/01/23 10:26	05/02/23 02:04	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.3	%	0.10	0.10	1		05/10/23 16:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-106 (0-2) **Lab ID: 50343434020** Collected: 04/27/23 11:39 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11500	ug/kg	1040	172	1	05/09/23 15:57	05/11/23 12:21	7440-38-2	
Barium	89400	ug/kg	1040	195	1	05/09/23 15:57	05/11/23 12:21	7440-39-3	
Chromium	20600	ug/kg	1040	987	1	05/09/23 15:57	05/11/23 12:21	7440-47-3	
Copper	42500	ug/kg	1040	247	1	05/09/23 15:57	05/11/23 12:21	7440-50-8	
Lead	34700	ug/kg	1040	481	1	05/09/23 15:57	05/11/23 12:21	7439-92-1	
Zinc	88200	ug/kg	1040	898	1	05/09/23 15:57	05/11/23 12:21	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	265	ug/kg	56.3	25.6	1	05/04/23 23:00	05/06/23 01:46	7440-43-9	
Selenium	5970	ug/kg	563	159	5	05/04/23 23:00	05/05/23 20:01	7782-49-2	
Silver	75.7	ug/kg	56.3	2.5	1	05/04/23 23:00	05/06/23 01:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	44.6J	ug/kg	243	28.0	1	05/08/23 18:04	05/09/23 09:12	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	15.2	ug/kg	5.9	2.4	1	05/01/23 10:26	05/02/23 02:19	83-32-9	
Acenaphthylene	4.1J	ug/kg	5.9	2.2	1	05/01/23 10:26	05/02/23 02:19	208-96-8	
Anthracene	52.8	ug/kg	5.9	3.0	1	05/01/23 10:26	05/02/23 02:19	120-12-7	
Benzo(a)anthracene	112	ug/kg	5.9	1.7	1	05/01/23 10:26	05/02/23 02:19	56-55-3	
Benzo(a)pyrene	94.3	ug/kg	5.9	3.5	1	05/01/23 10:26	05/02/23 02:19	50-32-8	
Benzo(b)fluoranthene	130	ug/kg	5.9	3.3	1	05/01/23 10:26	05/02/23 02:19	205-99-2	
Benzo(g,h,i)perylene	62.7	ug/kg	5.9	3.5	1	05/01/23 10:26	05/02/23 02:19	191-24-2	
Benzo(k)fluoranthene	38.2	ug/kg	5.9	2.7	1	05/01/23 10:26	05/02/23 02:19	207-08-9	
Chrysene	117	ug/kg	5.9	4.1	1	05/01/23 10:26	05/02/23 02:19	218-01-9	
Dibenz(a,h)anthracene	21.5	ug/kg	5.9	2.9	1	05/01/23 10:26	05/02/23 02:19	53-70-3	
Fluoranthene	251	ug/kg	5.9	4.1	1	05/01/23 10:26	05/02/23 02:19	206-44-0	
Fluorene	21.3	ug/kg	5.9	2.3	1	05/01/23 10:26	05/02/23 02:19	86-73-7	
Indeno(1,2,3-cd)pyrene	55.4	ug/kg	5.9	3.0	1	05/01/23 10:26	05/02/23 02:19	193-39-5	
2-Methylnaphthalene	19.1	ug/kg	5.9	5.6	1	05/01/23 10:26	05/02/23 02:19	91-57-6	
Naphthalene	12.6	ug/kg	5.9	5.5	1	05/01/23 10:26	05/02/23 02:19	91-20-3	
Phenanthrene	195	ug/kg	5.9	4.3	1	05/01/23 10:26	05/02/23 02:19	85-01-8	
Pyrene	217	ug/kg	5.9	4.1	1	05/01/23 10:26	05/02/23 02:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	23-115		1	05/01/23 10:26	05/02/23 02:19	321-60-8	
p-Terphenyl-d14 (S)	74	%	19-136		1	05/01/23 10:26	05/02/23 02:19	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		05/10/23 16:00		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-107 (0-2) **Lab ID: 50343434021** Collected: 04/27/23 11:42 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7880	ug/kg	1060	175	1	05/09/23 15:57	05/11/23 12:28	7440-38-2	
Barium	90700	ug/kg	1060	199	1	05/09/23 15:57	05/11/23 12:28	7440-39-3	
Chromium	20700	ug/kg	1060	1000	1	05/09/23 15:57	05/11/23 12:28	7440-47-3	
Copper	31700	ug/kg	1060	251	1	05/09/23 15:57	05/11/23 12:28	7440-50-8	
Lead	62500	ug/kg	1060	489	1	05/09/23 15:57	05/11/23 12:28	7439-92-1	
Zinc	89200	ug/kg	1060	913	1	05/09/23 15:57	05/11/23 12:28	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	804	ug/kg	52.3	23.7	1	05/04/23 23:00	05/06/23 01:58	7440-43-9	
Selenium	4870	ug/kg	523	147	5	05/04/23 23:00	05/05/23 21:24	7782-49-2	
Silver	71.3	ug/kg	52.3	2.3	1	05/04/23 23:00	05/06/23 01:58	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	142J	ug/kg	236	27.1	1	05/08/23 18:04	05/09/23 09:14	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	20.6	ug/kg	5.7	2.3	1	05/01/23 10:26	05/02/23 02:33	83-32-9	
Acenaphthylene	34.2	ug/kg	5.7	2.1	1	05/01/23 10:26	05/02/23 02:33	208-96-8	
Anthracene	69.4	ug/kg	5.7	2.8	1	05/01/23 10:26	05/02/23 02:33	120-12-7	
Benzo(a)anthracene	256	ug/kg	5.7	1.6	1	05/01/23 10:26	05/02/23 02:33	56-55-3	
Benzo(a)pyrene	252	ug/kg	5.7	3.4	1	05/01/23 10:26	05/02/23 02:33	50-32-8	
Benzo(b)fluoranthene	372	ug/kg	5.7	3.1	1	05/01/23 10:26	05/02/23 02:33	205-99-2	
Benzo(g,h,i)perylene	175	ug/kg	5.7	3.4	1	05/01/23 10:26	05/02/23 02:33	191-24-2	
Benzo(k)fluoranthene	110	ug/kg	5.7	2.6	1	05/01/23 10:26	05/02/23 02:33	207-08-9	
Chrysene	266	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 02:33	218-01-9	
Dibenz(a,h)anthracene	42.9	ug/kg	5.7	2.8	1	05/01/23 10:26	05/02/23 02:33	53-70-3	
Fluoranthene	510	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 02:33	206-44-0	
Fluorene	23.9	ug/kg	5.7	2.2	1	05/01/23 10:26	05/02/23 02:33	86-73-7	
Indeno(1,2,3-cd)pyrene	161	ug/kg	5.7	2.9	1	05/01/23 10:26	05/02/23 02:33	193-39-5	
2-Methylnaphthalene	40.2	ug/kg	5.7	5.3	1	05/01/23 10:26	05/02/23 02:33	91-57-6	
Naphthalene	30.5	ug/kg	5.7	5.2	1	05/01/23 10:26	05/02/23 02:33	91-20-3	
Phenanthrene	259	ug/kg	5.7	4.1	1	05/01/23 10:26	05/02/23 02:33	85-01-8	
Pyrene	457	ug/kg	5.7	3.9	1	05/01/23 10:26	05/02/23 02:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	05/01/23 10:26	05/02/23 02:33	321-60-8	
p-Terphenyl-d14 (S)	86	%	19-136		1	05/01/23 10:26	05/02/23 02:33	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-108 (0-2) **Lab ID: 50343434022** Collected: 04/27/23 11:45 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8790	ug/kg	1100	183	1	05/09/23 15:57	05/11/23 12:43	7440-38-2	
Barium	112000	ug/kg	1100	207	1	05/09/23 15:57	05/11/23 12:43	7440-39-3	
Chromium	18400	ug/kg	1100	1050	1	05/09/23 15:57	05/11/23 12:43	7440-47-3	
Copper	41700	ug/kg	1100	262	1	05/09/23 15:57	05/11/23 12:43	7440-50-8	
Lead	86400	ug/kg	1100	510	1	05/09/23 15:57	05/11/23 12:43	7439-92-1	
Zinc	123000	ug/kg	1100	951	1	05/09/23 15:57	05/11/23 12:43	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	357	ug/kg	53.4	24.2	1	05/04/23 23:00	05/06/23 02:26	7440-43-9	
Selenium	4220	ug/kg	534	150	5	05/04/23 23:00	05/05/23 21:52	7782-49-2	
Silver	54.8	ug/kg	53.4	2.4	1	05/04/23 23:00	05/06/23 02:26	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	106J	ug/kg	230	26.4	1	05/08/23 18:04	05/09/23 09:24	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	119	ug/kg	5.4	2.2	1	05/01/23 10:26	05/02/23 02:48	83-32-9	
Acenaphthylene	16.2	ug/kg	5.4	2.0	1	05/01/23 10:26	05/02/23 02:48	208-96-8	
Anthracene	443	ug/kg	5.4	2.7	1	05/01/23 10:26	05/02/23 02:48	120-12-7	
Benzo(a)anthracene	1380	ug/kg	5.4	1.5	1	05/01/23 10:26	05/02/23 02:48	56-55-3	
Benzo(a)pyrene	933	ug/kg	5.4	3.2	1	05/01/23 10:26	05/02/23 02:48	50-32-8	
Benzo(b)fluoranthene	1100	ug/kg	5.4	3.0	1	05/01/23 10:26	05/02/23 02:48	205-99-2	
Benzo(g,h,i)perylene	568	ug/kg	5.4	3.2	1	05/01/23 10:26	05/02/23 02:48	191-24-2	
Benzo(k)fluoranthene	360	ug/kg	5.4	2.5	1	05/01/23 10:26	05/02/23 02:48	207-08-9	
Chrysene	1440	ug/kg	5.4	3.7	1	05/01/23 10:26	05/02/23 02:48	218-01-9	
Dibenz(a,h)anthracene	189	ug/kg	5.4	2.7	1	05/01/23 10:26	05/02/23 02:48	53-70-3	
Fluoranthene	2280	ug/kg	5.4	3.8	1	05/01/23 10:26	05/02/23 02:48	206-44-0	
Fluorene	129	ug/kg	5.4	2.1	1	05/01/23 10:26	05/02/23 02:48	86-73-7	
Indeno(1,2,3-cd)pyrene	465	ug/kg	5.4	2.7	1	05/01/23 10:26	05/02/23 02:48	193-39-5	
2-Methylnaphthalene	38.0	ug/kg	5.4	5.1	1	05/01/23 10:26	05/02/23 02:48	91-57-6	
Naphthalene	25.2	ug/kg	5.4	5.0	1	05/01/23 10:26	05/02/23 02:48	91-20-3	
Phenanthrene	2630	ug/kg	5.4	3.9	1	05/01/23 10:26	05/02/23 02:48	85-01-8	
Pyrene	3260	ug/kg	5.4	3.7	1	05/01/23 10:26	05/02/23 02:48	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	05/01/23 10:26	05/02/23 02:48	321-60-8	
p-Terphenyl-d14 (S)	88	%	19-136		1	05/01/23 10:26	05/02/23 02:48	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.5	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-109 (0-2) **Lab ID: 50343434023** Collected: 04/27/23 11:51 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10100	ug/kg	1150	190	1	05/09/23 15:57	05/11/23 12:46	7440-38-2	
Barium	167000	ug/kg	1150	216	1	05/09/23 15:57	05/11/23 12:46	7440-39-3	
Chromium	21100	ug/kg	1150	1090	1	05/09/23 15:57	05/11/23 12:46	7440-47-3	
Copper	43900	ug/kg	1150	273	1	05/09/23 15:57	05/11/23 12:46	7440-50-8	
Lead	987000	ug/kg	1150	531	1	05/09/23 15:57	05/11/23 12:46	7439-92-1	
Zinc	202000	ug/kg	1150	991	1	05/09/23 15:57	05/11/23 12:46	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1050	ug/kg	55.7	25.3	1	05/04/23 23:00	05/06/23 02:30	7440-43-9	
Selenium	4230	ug/kg	557	157	5	05/04/23 23:00	05/05/23 21:56	7782-49-2	
Silver	134	ug/kg	55.7	2.5	1	05/04/23 23:00	05/06/23 02:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	198J	ug/kg	230	26.5	1	05/08/23 18:04	05/09/23 09:27	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	11.2	ug/kg	5.9	2.4	1	05/01/23 10:50	05/02/23 03:31	83-32-9	
Acenaphthylene	10.3	ug/kg	5.9	2.2	1	05/01/23 10:50	05/02/23 03:31	208-96-8	
Anthracene	47.7	ug/kg	5.9	3.0	1	05/01/23 10:50	05/02/23 03:31	120-12-7	
Benzo(a)anthracene	164	ug/kg	5.9	1.7	1	05/01/23 10:50	05/02/23 03:31	56-55-3	
Benzo(a)pyrene	152	ug/kg	5.9	3.5	1	05/01/23 10:50	05/02/23 03:31	50-32-8	
Benzo(b)fluoranthene	210	ug/kg	5.9	3.3	1	05/01/23 10:50	05/02/23 03:31	205-99-2	
Benzo(g,h,i)perylene	100	ug/kg	5.9	3.5	1	05/01/23 10:50	05/02/23 03:31	191-24-2	
Benzo(k)fluoranthene	64.8	ug/kg	5.9	2.7	1	05/01/23 10:50	05/02/23 03:31	207-08-9	
Chrysene	174	ug/kg	5.9	4.1	1	05/01/23 10:50	05/02/23 03:31	218-01-9	
Dibenz(a,h)anthracene	32.0	ug/kg	5.9	2.9	1	05/01/23 10:50	05/02/23 03:31	53-70-3	
Fluoranthene	326	ug/kg	5.9	4.1	1	05/01/23 10:50	05/02/23 03:31	206-44-0	
Fluorene	14.0	ug/kg	5.9	2.4	1	05/01/23 10:50	05/02/23 03:31	86-73-7	
Indeno(1,2,3-cd)pyrene	92.6	ug/kg	5.9	3.0	1	05/01/23 10:50	05/02/23 03:31	193-39-5	
2-Methylnaphthalene	121	ug/kg	5.9	5.6	1	05/01/23 10:50	05/02/23 03:31	91-57-6	
Naphthalene	90.5	ug/kg	5.9	5.5	1	05/01/23 10:50	05/02/23 03:31	91-20-3	
Phenanthrene	230	ug/kg	5.9	4.3	1	05/01/23 10:50	05/02/23 03:31	85-01-8	
Pyrene	303	ug/kg	5.9	4.1	1	05/01/23 10:50	05/02/23 03:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	23-115		1	05/01/23 10:50	05/02/23 03:31	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	05/01/23 10:50	05/02/23 03:31	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.9	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-110 (0-2) **Lab ID: 50343434024** Collected: 04/27/23 12:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	19600	ug/kg	1210	201	1	05/09/23 15:57	05/11/23 12:48	7440-38-2	
Barium	1240000	ug/kg	1210	227	1	05/09/23 15:57	05/11/23 12:48	7440-39-3	
Chromium	60900	ug/kg	1210	1150	1	05/09/23 15:57	05/11/23 12:48	7440-47-3	
Copper	161000	ug/kg	1210	288	1	05/09/23 15:57	05/11/23 12:48	7440-50-8	
Lead	323000	ug/kg	1210	560	1	05/09/23 15:57	05/11/23 12:48	7439-92-1	
Zinc	693000	ug/kg	1210	1040	1	05/09/23 15:57	05/11/23 12:48	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2410	ug/kg	60.3	27.4	1	05/04/23 23:00	05/06/23 02:34	7440-43-9	
Selenium	2990	ug/kg	603	170	5	05/04/23 23:00	05/05/23 21:59	7782-49-2	
Silver	68.4	ug/kg	60.3	2.7	1	05/04/23 23:00	05/06/23 02:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	2750	ug/kg	493	56.7	2	05/08/23 18:04	05/09/23 13:28	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	36.4	ug/kg	6.1	2.4	1	05/01/23 10:50	05/02/23 03:46	83-32-9	
Acenaphthylene	17.2	ug/kg	6.1	2.3	1	05/01/23 10:50	05/02/23 03:46	208-96-8	
Anthracene	117	ug/kg	6.1	3.0	1	05/01/23 10:50	05/02/23 03:46	120-12-7	
Benzo(a)anthracene	341	ug/kg	6.1	1.7	1	05/01/23 10:50	05/02/23 03:46	56-55-3	
Benzo(a)pyrene	311	ug/kg	6.1	3.6	1	05/01/23 10:50	05/02/23 03:46	50-32-8	
Benzo(b)fluoranthene	436	ug/kg	6.1	3.3	1	05/01/23 10:50	05/02/23 03:46	205-99-2	
Benzo(g,h,i)perylene	216	ug/kg	6.1	3.6	1	05/01/23 10:50	05/02/23 03:46	191-24-2	
Benzo(k)fluoranthene	150	ug/kg	6.1	2.8	1	05/01/23 10:50	05/02/23 03:46	207-08-9	
Chrysene	389	ug/kg	6.1	4.2	1	05/01/23 10:50	05/02/23 03:46	218-01-9	
Dibenz(a,h)anthracene	56.4	ug/kg	6.1	3.0	1	05/01/23 10:50	05/02/23 03:46	53-70-3	
Fluoranthene	716	ug/kg	6.1	4.2	1	05/01/23 10:50	05/02/23 03:46	206-44-0	
Fluorene	46.8	ug/kg	6.1	2.4	1	05/01/23 10:50	05/02/23 03:46	86-73-7	
Indeno(1,2,3-cd)pyrene	197	ug/kg	6.1	3.1	1	05/01/23 10:50	05/02/23 03:46	193-39-5	
2-Methylnaphthalene	409	ug/kg	6.1	5.7	1	05/01/23 10:50	05/02/23 03:46	91-57-6	
Naphthalene	460	ug/kg	6.1	5.6	1	05/01/23 10:50	05/02/23 03:46	91-20-3	
Phenanthrene	631	ug/kg	6.1	4.4	1	05/01/23 10:50	05/02/23 03:46	85-01-8	
Pyrene	649	ug/kg	6.1	4.2	1	05/01/23 10:50	05/02/23 03:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	05/01/23 10:50	05/02/23 03:46	321-60-8	
p-Terphenyl-d14 (S)	93	%	19-136		1	05/01/23 10:50	05/02/23 03:46	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.8	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-111 (0-2) **Lab ID: 50343434025** Collected: 04/27/23 12:05 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8070	ug/kg	1030	171	1	05/09/23 15:57	05/11/23 12:50	7440-38-2	
Barium	78800	ug/kg	1030	194	1	05/09/23 15:57	05/11/23 12:50	7440-39-3	
Chromium	34000	ug/kg	1030	981	1	05/09/23 15:57	05/11/23 12:50	7440-47-3	
Copper	44000	ug/kg	1030	246	1	05/09/23 15:57	05/11/23 12:50	7440-50-8	
Lead	40200	ug/kg	1030	478	1	05/09/23 15:57	05/11/23 12:50	7439-92-1	
Zinc	85200	ug/kg	1030	892	1	05/09/23 15:57	05/11/23 12:50	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	471	ug/kg	51.6	23.4	1	05/04/23 23:00	05/06/23 02:38	7440-43-9	
Selenium	3850	ug/kg	516	145	5	05/04/23 23:00	05/05/23 22:03	7782-49-2	
Silver	63.2	ug/kg	51.6	2.3	1	05/04/23 23:00	05/06/23 02:38	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	280	ug/kg	226	26.0	1	05/08/23 18:04	05/09/23 09:33	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	15.6	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 04:00	83-32-9	
Acenaphthylene	11.1	ug/kg	5.5	2.1	1	05/01/23 10:50	05/02/23 04:00	208-96-8	
Anthracene	35.2	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 04:00	120-12-7	
Benzo(a)anthracene	129	ug/kg	5.5	1.6	1	05/01/23 10:50	05/02/23 04:00	56-55-3	
Benzo(a)pyrene	95.7	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 04:00	50-32-8	
Benzo(b)fluoranthene	143	ug/kg	5.5	3.0	1	05/01/23 10:50	05/02/23 04:00	205-99-2	
Benzo(g,h,i)perylene	68.7	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 04:00	191-24-2	
Benzo(k)fluoranthene	40.2	ug/kg	5.5	2.5	1	05/01/23 10:50	05/02/23 04:00	207-08-9	
Chrysene	191	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 04:00	218-01-9	
Dibenz(a,h)anthracene	22.0	ug/kg	5.5	2.7	1	05/01/23 10:50	05/02/23 04:00	53-70-3	
Fluoranthene	192	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 04:00	206-44-0	
Fluorene	21.7	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 04:00	86-73-7	
Indeno(1,2,3-cd)pyrene	54.7	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 04:00	193-39-5	
2-Methylnaphthalene	746	ug/kg	5.5	5.2	1	05/01/23 10:50	05/02/23 04:00	91-57-6	
Naphthalene	516	ug/kg	5.5	5.1	1	05/01/23 10:50	05/02/23 04:00	91-20-3	
Phenanthrene	439	ug/kg	5.5	4.0	1	05/01/23 10:50	05/02/23 04:00	85-01-8	
Pyrene	213	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 04:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		1	05/01/23 10:50	05/02/23 04:00	321-60-8	
p-Terphenyl-d14 (S)	101	%	19-136		1	05/01/23 10:50	05/02/23 04:00	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.9	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-112 (0-2) **Lab ID: 50343434026** Collected: 04/27/23 12:40 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11000	ug/kg	1120	187	1	05/09/23 15:57	05/11/23 12:53	7440-38-2	
Barium	211000	ug/kg	1120	211	1	05/09/23 15:57	05/11/23 12:53	7440-39-3	
Chromium	29900	ug/kg	1120	1070	1	05/09/23 15:57	05/11/23 12:53	7440-47-3	
Copper	124000	ug/kg	1120	267	1	05/09/23 15:57	05/11/23 12:53	7440-50-8	
Lead	216000	ug/kg	1120	520	1	05/09/23 15:57	05/11/23 12:53	7439-92-1	
Zinc	283000	ug/kg	1120	971	1	05/09/23 15:57	05/11/23 12:53	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1970	ug/kg	54.3	24.7	1	05/04/23 23:00	05/06/23 02:42	7440-43-9	
Selenium	3340	ug/kg	543	153	5	05/04/23 23:00	05/05/23 22:07	7782-49-2	
Silver	95.0	ug/kg	54.3	2.4	1	05/04/23 23:00	05/06/23 02:42	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	266	ug/kg	240	27.6	1	05/08/23 18:04	05/09/23 09:40	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	727	ug/kg	5.6	2.3	1	05/01/23 10:50	05/02/23 04:15	83-32-9	
Acenaphthylene	126	ug/kg	5.6	2.1	1	05/01/23 10:50	05/02/23 04:15	208-96-8	
Anthracene	1600	ug/kg	5.6	2.8	1	05/01/23 10:50	05/02/23 04:15	120-12-7	
Benzo(a)anthracene	3670	ug/kg	5.6	1.6	1	05/01/23 10:50	05/02/23 04:15	56-55-3	
Benzo(a)pyrene	3370	ug/kg	5.6	3.4	1	05/01/23 10:50	05/02/23 04:15	50-32-8	
Benzo(b)fluoranthene	4420	ug/kg	5.6	3.1	1	05/01/23 10:50	05/02/23 04:15	205-99-2	
Benzo(g,h,i)perylene	2270	ug/kg	5.6	3.3	1	05/01/23 10:50	05/02/23 04:15	191-24-2	
Benzo(k)fluoranthene	1700	ug/kg	5.6	2.6	1	05/01/23 10:50	05/02/23 04:15	207-08-9	
Chrysene	3780	ug/kg	5.6	3.9	1	05/01/23 10:50	05/02/23 04:15	218-01-9	
Dibenz(a,h)anthracene	657	ug/kg	5.6	2.8	1	05/01/23 10:50	05/02/23 04:15	53-70-3	
Fluoranthene	12900	ug/kg	56.5	39.3	10	05/01/23 10:50	05/03/23 10:43	206-44-0	
Fluorene	811	ug/kg	5.6	2.2	1	05/01/23 10:50	05/02/23 04:15	86-73-7	
Indeno(1,2,3-cd)pyrene	2110	ug/kg	5.6	2.9	1	05/01/23 10:50	05/02/23 04:15	193-39-5	
2-Methylnaphthalene	532	ug/kg	5.6	5.3	1	05/01/23 10:50	05/02/23 04:15	91-57-6	
Naphthalene	770	ug/kg	5.6	5.2	1	05/01/23 10:50	05/02/23 04:15	91-20-3	
Phenanthrene	10700	ug/kg	56.5	40.6	10	05/01/23 10:50	05/03/23 10:43	85-01-8	
Pyrene	10100	ug/kg	56.5	38.8	10	05/01/23 10:50	05/03/23 10:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	05/01/23 10:50	05/02/23 04:15	321-60-8	
p-Terphenyl-d14 (S)	92	%	19-136		1	05/01/23 10:50	05/02/23 04:15	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.5	%	0.10	0.10	1		05/10/23 16:01		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-113 (0-2) **Lab ID: 50343434027** Collected: 04/27/23 12:44 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14800	ug/kg	1110	184	1	05/09/23 15:57	05/11/23 12:55	7440-38-2	
Barium	927000	ug/kg	1110	208	1	05/09/23 15:57	05/11/23 12:55	7440-39-3	
Chromium	47800	ug/kg	1110	1050	1	05/09/23 15:57	05/11/23 12:55	7440-47-3	
Copper	129000	ug/kg	1110	263	1	05/09/23 15:57	05/11/23 12:55	7440-50-8	
Lead	718000	ug/kg	1110	512	1	05/09/23 15:57	05/11/23 12:55	7439-92-1	
Zinc	1330000	ug/kg	1110	956	1	05/09/23 15:57	05/11/23 12:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	19300	ug/kg	57.2	25.9	1	05/04/23 23:00	05/06/23 02:54	7440-43-9	
Selenium	5470	ug/kg	572	161	5	05/04/23 23:00	05/05/23 22:19	7782-49-2	
Silver	220	ug/kg	57.2	2.5	1	05/04/23 23:00	05/06/23 02:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1270	ug/kg	236	27.1	1	05/08/23 18:04	05/09/23 09:48	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	501	ug/kg	59.6	23.9	10	05/01/23 10:50	05/02/23 04:29	83-32-9	
Acenaphthylene	136	ug/kg	59.6	22.4	10	05/01/23 10:50	05/02/23 04:29	208-96-8	
Anthracene	1330	ug/kg	59.6	29.8	10	05/01/23 10:50	05/02/23 04:29	120-12-7	
Benzo(a)anthracene	2550	ug/kg	59.6	16.9	10	05/01/23 10:50	05/02/23 04:29	56-55-3	
Benzo(a)pyrene	2420	ug/kg	59.6	35.5	10	05/01/23 10:50	05/02/23 04:29	50-32-8	
Benzo(b)fluoranthene	3130	ug/kg	59.6	32.8	10	05/01/23 10:50	05/02/23 04:29	205-99-2	
Benzo(g,h,i)perylene	1540	ug/kg	59.6	35.3	10	05/01/23 10:50	05/02/23 04:29	191-24-2	
Benzo(k)fluoranthene	1050	ug/kg	59.6	27.5	10	05/01/23 10:50	05/02/23 04:29	207-08-9	
Chrysene	2500	ug/kg	59.6	40.9	10	05/01/23 10:50	05/02/23 04:29	218-01-9	
Dibenz(a,h)anthracene	443	ug/kg	59.6	29.3	10	05/01/23 10:50	05/02/23 04:29	53-70-3	
Fluoranthene	6350	ug/kg	59.6	41.5	10	05/01/23 10:50	05/02/23 04:29	206-44-0	
Fluorene	504	ug/kg	59.6	23.5	10	05/01/23 10:50	05/02/23 04:29	86-73-7	
Indeno(1,2,3-cd)pyrene	1470	ug/kg	59.6	30.3	10	05/01/23 10:50	05/02/23 04:29	193-39-5	
2-Methylnaphthalene	252	ug/kg	59.6	56.0	10	05/01/23 10:50	05/02/23 04:29	91-57-6	
Naphthalene	331	ug/kg	59.6	54.8	10	05/01/23 10:50	05/02/23 04:29	91-20-3	ED
Phenanthrene	4960	ug/kg	59.6	42.9	10	05/01/23 10:50	05/02/23 04:29	85-01-8	
Pyrene	5580	ug/kg	59.6	40.9	10	05/01/23 10:50	05/02/23 04:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	87	%	23-115		10	05/01/23 10:50	05/02/23 04:29	321-60-8	
p-Terphenyl-d14 (S)	110	%	19-136		10	05/01/23 10:50	05/02/23 04:29	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.6	%	0.10	0.10	1		05/10/23 16:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Sample: SB-114 (0-2) **Lab ID: 50343434028** Collected: 04/27/23 12:48 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7210	ug/kg	1130	187	1	05/09/23 15:57	05/11/23 12:57	7440-38-2	
Barium	65600	ug/kg	1130	212	1	05/09/23 15:57	05/11/23 12:57	7440-39-3	
Chromium	17400	ug/kg	1130	1070	1	05/09/23 15:57	05/11/23 12:57	7440-47-3	
Copper	20900	ug/kg	1130	268	1	05/09/23 15:57	05/11/23 12:57	7440-50-8	
Lead	33400	ug/kg	1130	522	1	05/09/23 15:57	05/11/23 12:57	7439-92-1	
Zinc	67000	ug/kg	1130	975	1	05/09/23 15:57	05/11/23 12:57	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	525	ug/kg	54.9	24.9	1	05/04/23 23:00	05/06/23 02:58	7440-43-9	
Selenium	3520	ug/kg	549	155	5	05/04/23 23:00	05/05/23 22:23	7782-49-2	
Silver	40.1J	ug/kg	54.9	2.4	1	05/04/23 23:00	05/06/23 02:58	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	54.6J	ug/kg	222	25.5	1	05/08/23 18:04	05/09/23 09:55	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	10.4	ug/kg	5.7	2.3	1	05/01/23 10:50	05/02/23 04:44	83-32-9	
Acenaphthylene	13.8	ug/kg	5.7	2.2	1	05/01/23 10:50	05/02/23 04:44	208-96-8	
Anthracene	26.6	ug/kg	5.7	2.9	1	05/01/23 10:50	05/02/23 04:44	120-12-7	
Benzo(a)anthracene	95.9	ug/kg	5.7	1.6	1	05/01/23 10:50	05/02/23 04:44	56-55-3	
Benzo(a)pyrene	78.6	ug/kg	5.7	3.4	1	05/01/23 10:50	05/02/23 04:44	50-32-8	
Benzo(b)fluoranthene	129	ug/kg	5.7	3.1	1	05/01/23 10:50	05/02/23 04:44	205-99-2	
Benzo(g,h,i)perylene	57.8	ug/kg	5.7	3.4	1	05/01/23 10:50	05/02/23 04:44	191-24-2	
Benzo(k)fluoranthene	40.2	ug/kg	5.7	2.6	1	05/01/23 10:50	05/02/23 04:44	207-08-9	
Chrysene	140	ug/kg	5.7	3.9	1	05/01/23 10:50	05/02/23 04:44	218-01-9	
Dibenz(a,h)anthracene	17.2	ug/kg	5.7	2.8	1	05/01/23 10:50	05/02/23 04:44	53-70-3	
Fluoranthene	165	ug/kg	5.7	4.0	1	05/01/23 10:50	05/02/23 04:44	206-44-0	
Fluorene	14.8	ug/kg	5.7	2.3	1	05/01/23 10:50	05/02/23 04:44	86-73-7	
Indeno(1,2,3-cd)pyrene	50.8	ug/kg	5.7	2.9	1	05/01/23 10:50	05/02/23 04:44	193-39-5	
2-Methylnaphthalene	500	ug/kg	5.7	5.4	1	05/01/23 10:50	05/02/23 04:44	91-57-6	
Naphthalene	378	ug/kg	5.7	5.3	1	05/01/23 10:50	05/02/23 04:44	91-20-3	
Phenanthrene	286	ug/kg	5.7	4.1	1	05/01/23 10:50	05/02/23 04:44	85-01-8	
Pyrene	158	ug/kg	5.7	3.9	1	05/01/23 10:50	05/02/23 04:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	23-115		1	05/01/23 10:50	05/02/23 04:44	321-60-8	
p-Terphenyl-d14 (S)	103	%	19-136		1	05/01/23 10:50	05/02/23 04:44	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/10/23 16:13		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-115 (0-2) **Lab ID: 50343434029** Collected: 04/27/23 12:51 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8990	ug/kg	1080	178	1	05/09/23 15:57	05/11/23 13:04	7440-38-2	
Barium	211000	ug/kg	1080	202	1	05/09/23 15:57	05/11/23 13:04	7440-39-3	
Chromium	61200	ug/kg	1080	1020	1	05/09/23 15:57	05/11/23 13:04	7440-47-3	
Copper	202000	ug/kg	1080	256	1	05/09/23 15:57	05/11/23 13:04	7440-50-8	
Lead	115000	ug/kg	1080	498	1	05/09/23 15:57	05/11/23 13:04	7439-92-1	
Zinc	300000	ug/kg	1080	929	1	05/09/23 15:57	05/11/23 13:04	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1220	ug/kg	51.4	23.3	1	05/04/23 23:00	05/06/23 03:01	7440-43-9	
Selenium	4570	ug/kg	514	145	5	05/04/23 23:00	05/05/23 22:27	7782-49-2	
Silver	237	ug/kg	51.4	2.3	1	05/04/23 23:00	05/06/23 03:01	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	469	ug/kg	228	26.2	1	05/08/23 18:04	05/09/23 09:58	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	109	43.7	20	05/01/23 10:50	05/02/23 04:58	83-32-9	
Acenaphthylene	ND	ug/kg	109	41.0	20	05/01/23 10:50	05/02/23 04:58	208-96-8	
Anthracene	148	ug/kg	109	54.5	20	05/01/23 10:50	05/02/23 04:58	120-12-7	
Benzo(a)anthracene	490	ug/kg	109	30.9	20	05/01/23 10:50	05/02/23 04:58	56-55-3	
Benzo(a)pyrene	566	ug/kg	109	64.8	20	05/01/23 10:50	05/02/23 04:58	50-32-8	
Benzo(b)fluoranthene	616	ug/kg	109	59.9	20	05/01/23 10:50	05/02/23 04:58	205-99-2	
Benzo(g,h,i)perylene	634	ug/kg	109	64.5	20	05/01/23 10:50	05/02/23 04:58	191-24-2	
Benzo(k)fluoranthene	213	ug/kg	109	50.3	20	05/01/23 10:50	05/02/23 04:58	207-08-9	
Chrysene	550	ug/kg	109	74.8	20	05/01/23 10:50	05/02/23 04:58	218-01-9	
Dibenz(a,h)anthracene	115	ug/kg	109	53.5	20	05/01/23 10:50	05/02/23 04:58	53-70-3	
Fluoranthene	954	ug/kg	109	75.8	20	05/01/23 10:50	05/02/23 04:58	206-44-0	
Fluorene	ND	ug/kg	109	43.0	20	05/01/23 10:50	05/02/23 04:58	86-73-7	
Indeno(1,2,3-cd)pyrene	363	ug/kg	109	55.4	20	05/01/23 10:50	05/02/23 04:58	193-39-5	
2-Methylnaphthalene	ND	ug/kg	109	102	20	05/01/23 10:50	05/02/23 04:58	91-57-6	
Naphthalene	ND	ug/kg	109	100	20	05/01/23 10:50	05/02/23 04:58	91-20-3	ED
Phenanthrene	575	ug/kg	109	78.3	20	05/01/23 10:50	05/02/23 04:58	85-01-8	
Pyrene	925	ug/kg	109	74.7	20	05/01/23 10:50	05/02/23 04:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	23-115		20	05/01/23 10:50	05/02/23 04:58	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		20	05/01/23 10:50	05/02/23 04:58	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.1	%	0.10	0.10	1		05/10/23 16:14		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-116 (0-2) **Lab ID: 50343434030** Collected: 04/27/23 12:54 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12400	ug/kg	1090	182	1	05/09/23 15:57	05/11/23 13:06	7440-38-2	
Barium	248000	ug/kg	1090	206	1	05/09/23 15:57	05/11/23 13:06	7440-39-3	
Chromium	21900	ug/kg	1090	1040	1	05/09/23 15:57	05/11/23 13:06	7440-47-3	
Copper	246000	ug/kg	1090	260	1	05/09/23 15:57	05/11/23 13:06	7440-50-8	
Lead	113000	ug/kg	1090	507	1	05/09/23 15:57	05/11/23 13:06	7439-92-1	
Zinc	247000	ug/kg	1090	945	1	05/09/23 15:57	05/11/23 13:06	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	981	ug/kg	56.1	25.5	1	05/04/23 23:00	05/06/23 03:05	7440-43-9	
Selenium	4850	ug/kg	561	158	5	05/04/23 23:00	05/05/23 22:31	7782-49-2	
Silver	135	ug/kg	56.1	2.5	1	05/04/23 23:00	05/06/23 03:05	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	137J	ug/kg	243	28.0	1	05/08/23 18:04	05/09/23 10:00	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	23.6	ug/kg	5.8	2.3	1	05/01/23 10:50	05/02/23 05:13	83-32-9	
Acenaphthylene	52.4	ug/kg	5.8	2.2	1	05/01/23 10:50	05/02/23 05:13	208-96-8	
Anthracene	112	ug/kg	5.8	2.9	1	05/01/23 10:50	05/02/23 05:13	120-12-7	
Benzo(a)anthracene	412	ug/kg	5.8	1.6	1	05/01/23 10:50	05/02/23 05:13	56-55-3	
Benzo(a)pyrene	375	ug/kg	5.8	3.4	1	05/01/23 10:50	05/02/23 05:13	50-32-8	
Benzo(b)fluoranthene	538	ug/kg	5.8	3.2	1	05/01/23 10:50	05/02/23 05:13	205-99-2	
Benzo(g,h,i)perylene	240	ug/kg	5.8	3.4	1	05/01/23 10:50	05/02/23 05:13	191-24-2	
Benzo(k)fluoranthene	167	ug/kg	5.8	2.7	1	05/01/23 10:50	05/02/23 05:13	207-08-9	
Chrysene	406	ug/kg	5.8	4.0	1	05/01/23 10:50	05/02/23 05:13	218-01-9	
Dibenz(a,h)anthracene	79.0	ug/kg	5.8	2.8	1	05/01/23 10:50	05/02/23 05:13	53-70-3	
Fluoranthene	872	ug/kg	5.8	4.0	1	05/01/23 10:50	05/02/23 05:13	206-44-0	
Fluorene	33.1	ug/kg	5.8	2.3	1	05/01/23 10:50	05/02/23 05:13	86-73-7	
Indeno(1,2,3-cd)pyrene	230	ug/kg	5.8	2.9	1	05/01/23 10:50	05/02/23 05:13	193-39-5	
2-Methylnaphthalene	120	ug/kg	5.8	5.4	1	05/01/23 10:50	05/02/23 05:13	91-57-6	
Naphthalene	78.4	ug/kg	5.8	5.3	1	05/01/23 10:50	05/02/23 05:13	91-20-3	
Phenanthrene	480	ug/kg	5.8	4.2	1	05/01/23 10:50	05/02/23 05:13	85-01-8	
Pyrene	748	ug/kg	5.8	4.0	1	05/01/23 10:50	05/02/23 05:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		1	05/01/23 10:50	05/02/23 05:13	321-60-8	
p-Terphenyl-d14 (S)	101	%	19-136		1	05/01/23 10:50	05/02/23 05:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.6	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-117 (0-2) **Lab ID: 50343434031** Collected: 04/27/23 12:59 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12200	ug/kg	1160	192	1	05/09/23 15:57	05/11/23 13:09	7440-38-2	
Barium	413000	ug/kg	1160	218	1	05/09/23 15:57	05/11/23 13:09	7440-39-3	
Chromium	26600	ug/kg	1160	1100	1	05/09/23 15:57	05/11/23 13:09	7440-47-3	
Copper	178000	ug/kg	1160	276	1	05/09/23 15:57	05/11/23 13:09	7440-50-8	
Lead	333000	ug/kg	1160	537	1	05/09/23 15:57	05/11/23 13:09	7439-92-1	
Zinc	465000	ug/kg	1160	1000	1	05/09/23 15:57	05/11/23 13:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4310	ug/kg	55.7	25.3	1	05/04/23 23:00	05/06/23 03:09	7440-43-9	
Selenium	4840	ug/kg	557	157	5	05/04/23 23:00	05/05/23 22:35	7782-49-2	
Silver	126	ug/kg	55.7	2.5	1	05/04/23 23:00	05/06/23 03:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	905	ug/kg	233	26.8	1	05/08/23 18:04	05/09/23 10:03	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	246	ug/kg	28.9	11.6	5	05/01/23 10:50	05/02/23 05:28	83-32-9	
Acenaphthylene	178	ug/kg	28.9	10.9	5	05/01/23 10:50	05/02/23 05:28	208-96-8	
Anthracene	876	ug/kg	28.9	14.5	5	05/01/23 10:50	05/02/23 05:28	120-12-7	
Benzo(a)anthracene	2450	ug/kg	28.9	8.2	5	05/01/23 10:50	05/02/23 05:28	56-55-3	
Benzo(a)pyrene	2260	ug/kg	28.9	17.2	5	05/01/23 10:50	05/02/23 05:28	50-32-8	
Benzo(b)fluoranthene	3250	ug/kg	28.9	15.9	5	05/01/23 10:50	05/02/23 05:28	205-99-2	
Benzo(g,h,i)perylene	1510	ug/kg	28.9	17.2	5	05/01/23 10:50	05/02/23 05:28	191-24-2	
Benzo(k)fluoranthene	1010	ug/kg	28.9	13.4	5	05/01/23 10:50	05/02/23 05:28	207-08-9	
Chrysene	2390	ug/kg	28.9	19.9	5	05/01/23 10:50	05/02/23 05:28	218-01-9	
Dibenz(a,h)anthracene	400	ug/kg	28.9	14.2	5	05/01/23 10:50	05/02/23 05:28	53-70-3	
Fluoranthene	5330	ug/kg	28.9	20.2	5	05/01/23 10:50	05/02/23 05:28	206-44-0	
Fluorene	313	ug/kg	28.9	11.4	5	05/01/23 10:50	05/02/23 05:28	86-73-7	
Indeno(1,2,3-cd)pyrene	1440	ug/kg	28.9	14.7	5	05/01/23 10:50	05/02/23 05:28	193-39-5	
2-Methylnaphthalene	214	ug/kg	28.9	27.2	5	05/01/23 10:50	05/02/23 05:28	91-57-6	
Naphthalene	227	ug/kg	28.9	26.6	5	05/01/23 10:50	05/02/23 05:28	91-20-3	ED
Phenanthrene	3000	ug/kg	28.9	20.8	5	05/01/23 10:50	05/02/23 05:28	85-01-8	
Pyrene	4580	ug/kg	28.9	19.9	5	05/01/23 10:50	05/02/23 05:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	23-115		5	05/01/23 10:50	05/02/23 05:28	321-60-8	
p-Terphenyl-d14 (S)	93	%	19-136		5	05/01/23 10:50	05/02/23 05:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-118 (0-2) **Lab ID: 50343434032** Collected: 04/27/23 13:10 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	19900	ug/kg	1160	192	1	05/09/23 15:57	05/11/23 13:11	7440-38-2	
Barium	1240000	ug/kg	1160	218	1	05/09/23 15:57	05/11/23 13:11	7440-39-3	
Chromium	82500	ug/kg	1160	1100	1	05/09/23 15:57	05/11/23 13:11	7440-47-3	
Copper	729000	ug/kg	1160	275	1	05/09/23 15:57	05/11/23 13:11	7440-50-8	
Lead	751000	ug/kg	1160	536	1	05/09/23 15:57	05/11/23 13:11	7439-92-1	
Zinc	2080000	ug/kg	1160	1000	1	05/09/23 15:57	05/11/23 13:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	12100	ug/kg	57.1	25.9	1	05/04/23 23:00	05/06/23 03:21	7440-43-9	
Selenium	4610	ug/kg	571	161	5	05/04/23 23:00	05/05/23 22:47	7782-49-2	
Silver	394	ug/kg	57.1	2.5	1	05/04/23 23:00	05/06/23 03:21	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	7150	ug/kg	1170	134	5	05/08/23 18:04	05/09/23 13:30	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	300	ug/kg	28.8	11.6	5	05/01/23 10:50	05/02/23 05:42	83-32-9	
Acenaphthylene	108	ug/kg	28.8	10.8	5	05/01/23 10:50	05/02/23 05:42	208-96-8	
Anthracene	813	ug/kg	28.8	14.4	5	05/01/23 10:50	05/02/23 05:42	120-12-7	
Benzo(a)anthracene	1960	ug/kg	28.8	8.2	5	05/01/23 10:50	05/02/23 05:42	56-55-3	
Benzo(a)pyrene	1560	ug/kg	28.8	17.1	5	05/01/23 10:50	05/02/23 05:42	50-32-8	
Benzo(b)fluoranthene	2170	ug/kg	28.8	15.8	5	05/01/23 10:50	05/02/23 05:42	205-99-2	
Benzo(g,h,i)perylene	884	ug/kg	28.8	17.1	5	05/01/23 10:50	05/02/23 05:42	191-24-2	
Benzo(k)fluoranthene	649	ug/kg	28.8	13.3	5	05/01/23 10:50	05/02/23 05:42	207-08-9	
Chrysene	1890	ug/kg	28.8	19.8	5	05/01/23 10:50	05/02/23 05:42	218-01-9	
Dibenz(a,h)anthracene	302	ug/kg	28.8	14.1	5	05/01/23 10:50	05/02/23 05:42	53-70-3	
Fluoranthene	4120	ug/kg	28.8	20.0	5	05/01/23 10:50	05/02/23 05:42	206-44-0	
Fluorene	349	ug/kg	28.8	11.4	5	05/01/23 10:50	05/02/23 05:42	86-73-7	
Indeno(1,2,3-cd)pyrene	862	ug/kg	28.8	14.6	5	05/01/23 10:50	05/02/23 05:42	193-39-5	
2-Methylnaphthalene	185	ug/kg	28.8	27.0	5	05/01/23 10:50	05/02/23 05:42	91-57-6	
Naphthalene	169	ug/kg	28.8	26.5	5	05/01/23 10:50	05/02/23 05:42	91-20-3	ED
Phenanthrene	3170	ug/kg	28.8	20.7	5	05/01/23 10:50	05/02/23 05:42	85-01-8	
Pyrene	3700	ug/kg	28.8	19.7	5	05/01/23 10:50	05/02/23 05:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		5	05/01/23 10:50	05/02/23 05:42	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		5	05/01/23 10:50	05/02/23 05:42	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.8	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-119 (0-2) **Lab ID: 50343434033** Collected: 04/27/23 13:31 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14600	ug/kg	1100	183	1	05/09/23 15:57	05/11/23 13:13	7440-38-2	
Barium	420000	ug/kg	1100	207	1	05/09/23 15:57	05/11/23 13:13	7440-39-3	
Chromium	26900	ug/kg	1100	1050	1	05/09/23 15:57	05/11/23 13:13	7440-47-3	
Copper	91900	ug/kg	1100	262	1	05/09/23 15:57	05/11/23 13:13	7440-50-8	
Lead	1200000	ug/kg	1100	511	1	05/09/23 15:57	05/11/23 13:13	7439-92-1	
Zinc	446000	ug/kg	1100	953	1	05/09/23 15:57	05/11/23 13:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	5990	ug/kg	56.6	25.7	1	05/04/23 23:00	05/06/23 03:25	7440-43-9	
Selenium	4790	ug/kg	566	160	5	05/04/23 23:00	05/05/23 22:51	7782-49-2	
Silver	154	ug/kg	56.6	2.5	1	05/04/23 23:00	05/06/23 03:25	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1900	ug/kg	440	50.5	2	05/08/23 18:04	05/09/23 13:32	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	89.3	ug/kg	54.8	22.0	10	05/01/23 10:50	05/02/23 05:56	83-32-9	
Acenaphthylene	112	ug/kg	54.8	20.6	10	05/01/23 10:50	05/02/23 05:56	208-96-8	
Anthracene	155	ug/kg	54.8	27.4	10	05/01/23 10:50	05/02/23 05:56	120-12-7	
Benzo(a)anthracene	274	ug/kg	54.8	15.6	10	05/01/23 10:50	05/02/23 05:56	56-55-3	
Benzo(a)pyrene	177	ug/kg	54.8	32.6	10	05/01/23 10:50	05/02/23 05:56	50-32-8	
Benzo(b)fluoranthene	345	ug/kg	54.8	30.1	10	05/01/23 10:50	05/02/23 05:56	205-99-2	
Benzo(g,h,i)perylene	124	ug/kg	54.8	32.5	10	05/01/23 10:50	05/02/23 05:56	191-24-2	
Benzo(k)fluoranthene	107	ug/kg	54.8	25.3	10	05/01/23 10:50	05/02/23 05:56	207-08-9	
Chrysene	333	ug/kg	54.8	37.6	10	05/01/23 10:50	05/02/23 05:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	54.8	26.9	10	05/01/23 10:50	05/02/23 05:56	53-70-3	
Fluoranthene	724	ug/kg	54.8	38.1	10	05/01/23 10:50	05/02/23 05:56	206-44-0	
Fluorene	114	ug/kg	54.8	21.6	10	05/01/23 10:50	05/02/23 05:56	86-73-7	
Indeno(1,2,3-cd)pyrene	113	ug/kg	54.8	27.9	10	05/01/23 10:50	05/02/23 05:56	193-39-5	
2-Methylnaphthalene	632	ug/kg	54.8	51.5	10	05/01/23 10:50	05/02/23 05:56	91-57-6	
Naphthalene	1200	ug/kg	54.8	50.4	10	05/01/23 10:50	05/02/23 05:56	91-20-3	ED
Phenanthrene	813	ug/kg	54.8	39.4	10	05/01/23 10:50	05/02/23 05:56	85-01-8	
Pyrene	587	ug/kg	54.8	37.6	10	05/01/23 10:50	05/02/23 05:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	23	%	23-115		10	05/01/23 10:50	05/02/23 05:56	321-60-8	
p-Terphenyl-d14 (S)	19	%	19-136		10	05/01/23 10:50	05/02/23 05:56	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.9	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-120 (0-2) **Lab ID: 50343434034** Collected: 04/27/23 13:36 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9290	ug/kg	1020	170	1	05/09/23 15:57	05/11/23 13:16	7440-38-2	
Barium	102000	ug/kg	1020	192	1	05/09/23 15:57	05/11/23 13:16	7440-39-3	
Chromium	37400	ug/kg	1020	971	1	05/09/23 15:57	05/11/23 13:16	7440-47-3	
Copper	42500	ug/kg	1020	243	1	05/09/23 15:57	05/11/23 13:16	7440-50-8	
Lead	251000	ug/kg	1020	473	1	05/09/23 15:57	05/11/23 13:16	7439-92-1	
Zinc	631000	ug/kg	1020	883	1	05/09/23 15:57	05/11/23 13:16	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1970	ug/kg	50.7	23.0	1	05/04/23 23:00	05/06/23 03:29	7440-43-9	
Selenium	2640	ug/kg	507	143	5	05/04/23 23:00	05/05/23 22:55	7782-49-2	
Silver	308	ug/kg	50.7	2.2	1	05/04/23 23:00	05/06/23 03:29	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	281	ug/kg	205	23.6	1	05/08/23 18:04	05/09/23 10:12	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	8.2	ug/kg	5.4	2.2	1	05/01/23 10:50	05/02/23 06:11	83-32-9	
Acenaphthylene	14.4	ug/kg	5.4	2.0	1	05/01/23 10:50	05/02/23 06:11	208-96-8	
Anthracene	24.1	ug/kg	5.4	2.7	1	05/01/23 10:50	05/02/23 06:11	120-12-7	
Benzo(a)anthracene	87.5	ug/kg	5.4	1.5	1	05/01/23 10:50	05/02/23 06:11	56-55-3	
Benzo(a)pyrene	67.8	ug/kg	5.4	3.2	1	05/01/23 10:50	05/02/23 06:11	50-32-8	
Benzo(b)fluoranthene	118	ug/kg	5.4	2.9	1	05/01/23 10:50	05/02/23 06:11	205-99-2	
Benzo(g,h,i)perylene	48.0	ug/kg	5.4	3.2	1	05/01/23 10:50	05/02/23 06:11	191-24-2	
Benzo(k)fluoranthene	32.7	ug/kg	5.4	2.5	1	05/01/23 10:50	05/02/23 06:11	207-08-9	
Chrysene	143	ug/kg	5.4	3.7	1	05/01/23 10:50	05/02/23 06:11	218-01-9	
Dibenz(a,h)anthracene	19.2	ug/kg	5.4	2.6	1	05/01/23 10:50	05/02/23 06:11	53-70-3	
Fluoranthene	141	ug/kg	5.4	3.7	1	05/01/23 10:50	05/02/23 06:11	206-44-0	
Fluorene	14.3	ug/kg	5.4	2.1	1	05/01/23 10:50	05/02/23 06:11	86-73-7	
Indeno(1,2,3-cd)pyrene	40.6	ug/kg	5.4	2.7	1	05/01/23 10:50	05/02/23 06:11	193-39-5	
2-Methylnaphthalene	702	ug/kg	5.4	5.0	1	05/01/23 10:50	05/02/23 06:11	91-57-6	
Naphthalene	468	ug/kg	5.4	4.9	1	05/01/23 10:50	05/02/23 06:11	91-20-3	
Phenanthrene	317	ug/kg	5.4	3.9	1	05/01/23 10:50	05/02/23 06:11	85-01-8	
Pyrene	138	ug/kg	5.4	3.7	1	05/01/23 10:50	05/02/23 06:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	23-115		1	05/01/23 10:50	05/02/23 06:11	321-60-8	
p-Terphenyl-d14 (S)	97	%	19-136		1	05/01/23 10:50	05/02/23 06:11	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.4	%	0.10	0.10	1		05/10/23 16:14		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-121 (0-2) **Lab ID: 50343434035** Collected: 04/27/23 13:38 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12900	ug/kg	1070	177	1	05/09/23 15:57	05/11/23 13:18	7440-38-2	
Barium	609000	ug/kg	1070	200	1	05/09/23 15:57	05/11/23 13:18	7440-39-3	
Chromium	21900	ug/kg	1070	1010	1	05/09/23 15:57	05/11/23 13:18	7440-47-3	
Copper	114000	ug/kg	1070	254	1	05/09/23 15:57	05/11/23 13:18	7440-50-8	
Lead	1610000	ug/kg	1070	493	1	05/09/23 15:57	05/11/23 13:18	7439-92-1	
Zinc	757000	ug/kg	1070	921	1	05/09/23 15:57	05/11/23 13:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	8700	ug/kg	56.4	25.6	1	05/04/23 23:00	05/06/23 03:34	7440-43-9	
Selenium	4640	ug/kg	564	159	5	05/04/23 23:00	05/05/23 22:59	7782-49-2	
Silver	226	ug/kg	56.4	2.5	1	05/04/23 23:00	05/06/23 03:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1250	ug/kg	226	25.9	1	05/08/23 18:04	05/09/23 10:15	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	173	ug/kg	56.8	22.8	10	05/01/23 10:50	05/02/23 06:26	83-32-9	
Acenaphthylene	1690	ug/kg	56.8	21.4	10	05/01/23 10:50	05/02/23 06:26	208-96-8	
Anthracene	1090	ug/kg	56.8	28.4	10	05/01/23 10:50	05/02/23 06:26	120-12-7	
Benzo(a)anthracene	4550	ug/kg	56.8	16.1	10	05/01/23 10:50	05/02/23 06:26	56-55-3	
Benzo(a)pyrene	4250	ug/kg	56.8	33.8	10	05/01/23 10:50	05/02/23 06:26	50-32-8	
Benzo(b)fluoranthene	6080	ug/kg	56.8	31.3	10	05/01/23 10:50	05/02/23 06:26	205-99-2	
Benzo(g,h,i)perylene	2550	ug/kg	56.8	33.7	10	05/01/23 10:50	05/02/23 06:26	191-24-2	
Benzo(k)fluoranthene	1780	ug/kg	56.8	26.2	10	05/01/23 10:50	05/02/23 06:26	207-08-9	
Chrysene	4420	ug/kg	56.8	39.0	10	05/01/23 10:50	05/02/23 06:26	218-01-9	
Dibenz(a,h)anthracene	939	ug/kg	56.8	27.9	10	05/01/23 10:50	05/02/23 06:26	53-70-3	
Fluoranthene	7290	ug/kg	56.8	39.5	10	05/01/23 10:50	05/02/23 06:26	206-44-0	
Fluorene	263	ug/kg	56.8	22.4	10	05/01/23 10:50	05/02/23 06:26	86-73-7	
Indeno(1,2,3-cd)pyrene	2510	ug/kg	56.8	28.9	10	05/01/23 10:50	05/02/23 06:26	193-39-5	
2-Methylnaphthalene	154	ug/kg	56.8	53.4	10	05/01/23 10:50	05/02/23 06:26	91-57-6	
Naphthalene	137	ug/kg	56.8	52.2	10	05/01/23 10:50	05/02/23 06:26	91-20-3	ED
Phenanthrene	2110	ug/kg	56.8	40.9	10	05/01/23 10:50	05/02/23 06:26	85-01-8	
Pyrene	7420	ug/kg	56.8	39.0	10	05/01/23 10:50	05/02/23 06:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	23-115		10	05/01/23 10:50	05/02/23 06:26	321-60-8	
p-Terphenyl-d14 (S)	98	%	19-136		10	05/01/23 10:50	05/02/23 06:26	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: SB-122 (0-2) **Lab ID: 50343434036** Collected: 04/27/23 13:41 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8160	ug/kg	1010	168	1	05/09/23 15:57	05/11/23 13:20	7440-38-2	
Barium	108000	ug/kg	1010	190	1	05/09/23 15:57	05/11/23 13:20	7440-39-3	
Chromium	17800	ug/kg	1010	962	1	05/09/23 15:57	05/11/23 13:20	7440-47-3	
Copper	34600	ug/kg	1010	241	1	05/09/23 15:57	05/11/23 13:20	7440-50-8	
Lead	184000	ug/kg	1010	469	1	05/09/23 15:57	05/11/23 13:20	7439-92-1	
Zinc	188000	ug/kg	1010	875	1	05/09/23 15:57	05/11/23 13:20	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	858	ug/kg	53.4	24.3	1	05/04/23 23:00	05/06/23 03:46	7440-43-9	
Selenium	4630	ug/kg	534	151	5	05/04/23 23:00	05/05/23 23:11	7782-49-2	
Silver	73.3	ug/kg	53.4	2.4	1	05/04/23 23:00	05/06/23 03:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	260	ug/kg	234	26.9	1	05/08/23 18:04	05/09/23 10:17	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	4.9J	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 06:40	83-32-9	
Acenaphthylene	10.1	ug/kg	5.5	2.1	1	05/01/23 10:50	05/02/23 06:40	208-96-8	
Anthracene	23.3	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 06:40	120-12-7	
Benzo(a)anthracene	97.7	ug/kg	5.5	1.6	1	05/01/23 10:50	05/02/23 06:40	56-55-3	
Benzo(a)pyrene	97.1	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 06:40	50-32-8	
Benzo(b)fluoranthene	146	ug/kg	5.5	3.0	1	05/01/23 10:50	05/02/23 06:40	205-99-2	
Benzo(g,h,i)perylene	70.3	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 06:40	191-24-2	
Benzo(k)fluoranthene	43.7	ug/kg	5.5	2.6	1	05/01/23 10:50	05/02/23 06:40	207-08-9	
Chrysene	124	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 06:40	218-01-9	
Dibenz(a,h)anthracene	22.2	ug/kg	5.5	2.7	1	05/01/23 10:50	05/02/23 06:40	53-70-3	
Fluoranthene	191	ug/kg	5.5	3.9	1	05/01/23 10:50	05/02/23 06:40	206-44-0	
Fluorene	6.8	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 06:40	86-73-7	
Indeno(1,2,3-cd)pyrene	61.6	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 06:40	193-39-5	
2-Methylnaphthalene	58.2	ug/kg	5.5	5.2	1	05/01/23 10:50	05/02/23 06:40	91-57-6	
Naphthalene	31.5	ug/kg	5.5	5.1	1	05/01/23 10:50	05/02/23 06:40	91-20-3	
Phenanthrene	97.3	ug/kg	5.5	4.0	1	05/01/23 10:50	05/02/23 06:40	85-01-8	
Pyrene	177	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 06:40	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	05/01/23 10:50	05/02/23 06:40	321-60-8	
p-Terphenyl-d14 (S)	91	%	19-136		1	05/01/23 10:50	05/02/23 06:40	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Sample: SB-123 (0-2) **Lab ID: 50343434037** Collected: 04/27/23 13:48 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8790	ug/kg	1020	169	1	05/09/23 15:57	05/11/23 13:22	7440-38-2	
Barium	126000	ug/kg	1020	191	1	05/09/23 15:57	05/11/23 13:22	7440-39-3	
Chromium	17500	ug/kg	1020	965	1	05/09/23 15:57	05/11/23 13:22	7440-47-3	
Copper	33700	ug/kg	1020	242	1	05/09/23 15:57	05/11/23 13:22	7440-50-8	
Lead	80000	ug/kg	1020	471	1	05/09/23 15:57	05/11/23 13:22	7439-92-1	
Zinc	108000	ug/kg	1020	878	1	05/09/23 15:57	05/11/23 13:22	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	716	ug/kg	52.8	23.9	1	05/04/23 23:00	05/06/23 03:50	7440-43-9	
Selenium	4950	ug/kg	528	149	5	05/04/23 23:00	05/05/23 23:15	7782-49-2	
Silver	81.9	ug/kg	52.8	2.3	1	05/04/23 23:00	05/06/23 03:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	196J	ug/kg	216	24.9	1	05/08/23 18:04	05/09/23 10:20	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 06:55	83-32-9	
Acenaphthylene	5.0J	ug/kg	5.5	2.1	1	05/01/23 10:50	05/02/23 06:55	208-96-8	
Anthracene	17.8	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 06:55	120-12-7	
Benzo(a)anthracene	61.3	ug/kg	5.5	1.6	1	05/01/23 10:50	05/02/23 06:55	56-55-3	
Benzo(a)pyrene	63.4	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 06:55	50-32-8	
Benzo(b)fluoranthene	92.5	ug/kg	5.5	3.0	1	05/01/23 10:50	05/02/23 06:55	205-99-2	
Benzo(g,h,i)perylene	48.6	ug/kg	5.5	3.3	1	05/01/23 10:50	05/02/23 06:55	191-24-2	
Benzo(k)fluoranthene	27.4	ug/kg	5.5	2.5	1	05/01/23 10:50	05/02/23 06:55	207-08-9	
Chrysene	76.7	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 06:55	218-01-9	
Dibenz(a,h)anthracene	13.4	ug/kg	5.5	2.7	1	05/01/23 10:50	05/02/23 06:55	53-70-3	
Fluoranthene	146	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 06:55	206-44-0	
Fluorene	5.0J	ug/kg	5.5	2.2	1	05/01/23 10:50	05/02/23 06:55	86-73-7	
Indeno(1,2,3-cd)pyrene	39.9	ug/kg	5.5	2.8	1	05/01/23 10:50	05/02/23 06:55	193-39-5	
2-Methylnaphthalene	24.2	ug/kg	5.5	5.2	1	05/01/23 10:50	05/02/23 06:55	91-57-6	
Naphthalene	15.9	ug/kg	5.5	5.1	1	05/01/23 10:50	05/02/23 06:55	91-20-3	
Phenanthrene	81.7	ug/kg	5.5	4.0	1	05/01/23 10:50	05/02/23 06:55	85-01-8	
Pyrene	122	ug/kg	5.5	3.8	1	05/01/23 10:50	05/02/23 06:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		1	05/01/23 10:50	05/02/23 06:55	321-60-8	
p-Terphenyl-d14 (S)	92	%	19-136		1	05/01/23 10:50	05/02/23 06:55	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.0	%	0.10	0.10	1		05/10/23 16:14		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: DUP 7 (0-2) **Lab ID: 50343434038** Collected: 04/27/23 00:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10100	ug/kg	1060	176	1	05/09/23 15:57	05/11/23 13:25	7440-38-2	
Barium	197000	ug/kg	1060	199	1	05/09/23 15:57	05/11/23 13:25	7440-39-3	
Chromium	22600	ug/kg	1060	1010	1	05/09/23 15:57	05/11/23 13:25	7440-47-3	
Copper	104000	ug/kg	1060	252	1	05/09/23 15:57	05/11/23 13:25	7440-50-8	
Lead	373000	ug/kg	1060	490	1	05/09/23 15:57	05/11/23 13:25	7439-92-1	
Zinc	338000	ug/kg	1060	915	1	05/09/23 15:57	05/11/23 13:25	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	3420	ug/kg	53.3	24.2	1	05/04/23 23:00	05/06/23 03:54	7440-43-9	
Selenium	5240	ug/kg	533	150	5	05/04/23 23:00	05/05/23 23:19	7782-49-2	
Silver	95.5	ug/kg	53.3	2.4	1	05/04/23 23:00	05/06/23 03:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	156J	ug/kg	215	24.7	1	05/08/23 18:04	05/09/23 10:29	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	287	ug/kg	56.0	22.5	10	05/01/23 10:50	05/02/23 07:09	83-32-9	
Acenaphthylene	538	ug/kg	56.0	21.1	10	05/01/23 10:50	05/02/23 07:09	208-96-8	
Anthracene	1660	ug/kg	56.0	28.0	10	05/01/23 10:50	05/02/23 07:09	120-12-7	
Benzo(a)anthracene	4920	ug/kg	56.0	15.9	10	05/01/23 10:50	05/02/23 07:09	56-55-3	
Benzo(a)pyrene	4110	ug/kg	56.0	33.3	10	05/01/23 10:50	05/02/23 07:09	50-32-8	
Benzo(b)fluoranthene	5730	ug/kg	56.0	30.8	10	05/01/23 10:50	05/02/23 07:09	205-99-2	
Benzo(g,h,i)perylene	2370	ug/kg	56.0	33.2	10	05/01/23 10:50	05/02/23 07:09	191-24-2	
Benzo(k)fluoranthene	1650	ug/kg	56.0	25.9	10	05/01/23 10:50	05/02/23 07:09	207-08-9	
Chrysene	4550	ug/kg	56.0	38.5	10	05/01/23 10:50	05/02/23 07:09	218-01-9	
Dibenz(a,h)anthracene	795	ug/kg	56.0	27.5	10	05/01/23 10:50	05/02/23 07:09	53-70-3	
Fluoranthene	10300	ug/kg	56.0	39.0	10	05/01/23 10:50	05/02/23 07:09	206-44-0	
Fluorene	376	ug/kg	56.0	22.1	10	05/01/23 10:50	05/02/23 07:09	86-73-7	
Indeno(1,2,3-cd)pyrene	2340	ug/kg	56.0	28.5	10	05/01/23 10:50	05/02/23 07:09	193-39-5	
2-Methylnaphthalene	173	ug/kg	56.0	52.6	10	05/01/23 10:50	05/02/23 07:09	91-57-6	
Naphthalene	228	ug/kg	56.0	51.5	10	05/01/23 10:50	05/02/23 07:09	91-20-3	ED
Phenanthrene	6170	ug/kg	56.0	40.3	10	05/01/23 10:50	05/02/23 07:09	85-01-8	
Pyrene	9450	ug/kg	56.0	38.4	10	05/01/23 10:50	05/02/23 07:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	134	%	23-115		10	05/01/23 10:50	05/02/23 07:09	321-60-8	S4
p-Terphenyl-d14 (S)	170	%	19-136		10	05/01/23 10:50	05/02/23 07:09	1718-51-0	S4
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.7	%	0.10	0.10	1		05/10/23 16:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Sample: DUP 8 (0-2) **Lab ID: 50343434039** Collected: 04/27/23 00:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7730	ug/kg	968	161	1	05/09/23 15:57	05/11/23 13:32	7440-38-2	
Barium	76100	ug/kg	968	182	1	05/09/23 15:57	05/11/23 13:32	7440-39-3	
Chromium	22000	ug/kg	968	920	1	05/09/23 15:57	05/11/23 13:32	7440-47-3	
Copper	20400	ug/kg	968	230	1	05/09/23 15:57	05/11/23 13:32	7440-50-8	
Lead	15600	ug/kg	968	448	1	05/09/23 15:57	05/11/23 13:32	7439-92-1	
Zinc	36500	ug/kg	968	837	1	05/09/23 15:57	05/11/23 13:32	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	329	ug/kg	51.1	23.2	1	05/04/23 23:00	05/06/23 03:58	7440-43-9	
Selenium	3540	ug/kg	511	144	5	05/04/23 23:00	05/05/23 23:22	7782-49-2	
Silver	50.1J	ug/kg	51.1	2.3	1	05/04/23 23:00	05/06/23 03:58	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	80.0J	ug/kg	210	24.1	1	05/08/23 18:04	05/09/23 10:32	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	16.6	ug/kg	5.2	2.1	1	05/01/23 10:50	05/02/23 07:24	83-32-9	
Acenaphthylene	5.0J	ug/kg	5.2	1.9	1	05/01/23 10:50	05/02/23 07:24	208-96-8	
Anthracene	32.9	ug/kg	5.2	2.6	1	05/01/23 10:50	05/02/23 07:24	120-12-7	
Benzo(a)anthracene	75.5	ug/kg	5.2	1.5	1	05/01/23 10:50	05/02/23 07:24	56-55-3	
Benzo(a)pyrene	64.4	ug/kg	5.2	3.1	1	05/01/23 10:50	05/02/23 07:24	50-32-8	
Benzo(b)fluoranthene	104	ug/kg	5.2	2.8	1	05/01/23 10:50	05/02/23 07:24	205-99-2	
Benzo(g,h,i)perylene	44.7	ug/kg	5.2	3.1	1	05/01/23 10:50	05/02/23 07:24	191-24-2	
Benzo(k)fluoranthene	28.6	ug/kg	5.2	2.4	1	05/01/23 10:50	05/02/23 07:24	207-08-9	
Chrysene	121	ug/kg	5.2	3.6	1	05/01/23 10:50	05/02/23 07:24	218-01-9	
Dibenz(a,h)anthracene	15.5	ug/kg	5.2	2.5	1	05/01/23 10:50	05/02/23 07:24	53-70-3	
Fluoranthene	183	ug/kg	5.2	3.6	1	05/01/23 10:50	05/02/23 07:24	206-44-0	
Fluorene	22.6	ug/kg	5.2	2.0	1	05/01/23 10:50	05/02/23 07:24	86-73-7	
Indeno(1,2,3-cd)pyrene	37.5	ug/kg	5.2	2.6	1	05/01/23 10:50	05/02/23 07:24	193-39-5	
2-Methylnaphthalene	307	ug/kg	5.2	4.9	1	05/01/23 10:50	05/02/23 07:24	91-57-6	
Naphthalene	255	ug/kg	5.2	4.8	1	05/01/23 10:50	05/02/23 07:24	91-20-3	
Phenanthrene	320	ug/kg	5.2	3.7	1	05/01/23 10:50	05/02/23 07:24	85-01-8	
Pyrene	163	ug/kg	5.2	3.6	1	05/01/23 10:50	05/02/23 07:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	23-115		1	05/01/23 10:50	05/02/23 07:24	321-60-8	
p-Terphenyl-d14 (S)	104	%	19-136		1	05/01/23 10:50	05/02/23 07:24	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.9	%	0.10	0.10	1		05/10/23 16:15		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 731644 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005

METHOD BLANK: 3357591 Matrix: Solid
Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/08/23 10:51	

LABORATORY CONTROL SAMPLE: 3357592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	553	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357593 3357594

Parameter	Units	50343309001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	ND	640	588	777	711	110	109	75-125	9	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 731645 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020, 50343434021, 50343434022, 50343434023, 50343434024, 50343434025

METHOD BLANK: 3357595 Matrix: Solid
Associated Lab Samples: 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020, 50343434021, 50343434022, 50343434023, 50343434024, 50343434025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/09/23 08:18	

LABORATORY CONTROL SAMPLE: 3357596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357597 3357598

Parameter	Units	50343434006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	152J	598	552	1250	740	184	106	75-125	51	20	M0,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch:	731646	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

METHOD BLANK: 3357603 Matrix: Solid

Associated Lab Samples: 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/09/23 09:36	

LABORATORY CONTROL SAMPLE: 3357604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	535	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3357605 3357606

Parameter	Units	50343434026		3357606		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	ug/kg	266	540	536	822	808	103	101	75-125	2	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch: 731740 Analysis Method: EPA 6010

QC Batch Method: EPA 3050 Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020

METHOD BLANK: 3358184 Matrix: Solid

Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	05/11/23 11:16	
Barium	ug/kg	247J	1000	188	05/11/23 11:16	
Chromium	ug/kg	ND	1000	950	05/11/23 11:16	
Copper	ug/kg	ND	1000	238	05/11/23 11:16	
Lead	ug/kg	ND	1000	463	05/11/23 11:16	
Zinc	ug/kg	ND	1000	864	05/11/23 11:16	

LABORATORY CONTROL SAMPLE: 3358185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	50300	101	80-120	
Barium	ug/kg	50000	49700	99	80-120	
Chromium	ug/kg	50000	49700	99	80-120	
Copper	ug/kg	50000	48900	98	80-120	
Lead	ug/kg	50000	48500	97	80-120	
Zinc	ug/kg	50000	49600	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358186 3358187

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Spike Conc.	Spike Conc.	MS Result	MSD Result							
Arsenic	ug/kg	7510	55100	52300	57400	55700	90	92	75-125	3	20	
Barium	ug/kg	126000	55100	52300	205000	171000	144	88	75-125	18	20	M0
Chromium	ug/kg	19600	55100	52300	69700	63800	91	85	75-125	9	20	
Copper	ug/kg	68500	55100	52300	112000	100000	79	61	75-125	11	20	M0
Lead	ug/kg	157000	55100	52300	244000	179000	158	44	75-125	30	20	M0,R1
Zinc	ug/kg	281000	55100	52300	345000	227000	116	-104	75-125	41	20	P6,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 731741 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343434021, 50343434022, 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

METHOD BLANK: 3358189 Matrix: Solid
Associated Lab Samples: 50343434021, 50343434022, 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	05/11/23 12:25	
Barium	ug/kg	289J	1000	188	05/11/23 12:25	
Chromium	ug/kg	ND	1000	950	05/11/23 12:25	
Copper	ug/kg	ND	1000	238	05/11/23 12:25	
Lead	ug/kg	ND	1000	463	05/11/23 12:25	
Zinc	ug/kg	ND	1000	864	05/11/23 12:25	

LABORATORY CONTROL SAMPLE: 3358190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	50100	100	80-120	
Barium	ug/kg	50000	49100	98	80-120	
Chromium	ug/kg	50000	49100	98	80-120	
Copper	ug/kg	50000	47100	94	80-120	
Lead	ug/kg	50000	48500	97	80-120	
Zinc	ug/kg	50000	49600	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358191 3358192

Parameter	Units	50343434021		3358192		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	ug/kg	7880	53100	52400	57100	93	95	75-125	1	20	
Barium	ug/kg	90700	53100	52400	139000	91	99	75-125	2	20	
Chromium	ug/kg	20700	53100	52400	66700	87	85	75-125	2	20	
Copper	ug/kg	31700	53100	52400	79600	90	98	75-125	4	20	
Lead	ug/kg	62500	53100	52400	125000	117	112	75-125	3	20	
Zinc	ug/kg	89200	53100	52400	140000	96	128	75-125	11	20	M0

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch: 730952 Analysis Method: EPA 6020
 QC Batch Method: EPA 3050B Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020

METHOD BLANK: 3354746 Matrix: Solid
 Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.7	05/05/23 17:42	
Selenium	ug/kg	ND	100	28.2	05/05/23 17:42	
Silver	ug/kg	ND	50.0	2.2	05/05/23 17:42	

LABORATORY CONTROL SAMPLE: 3354747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3910	98	80-120	
Selenium	ug/kg	4000	3980	100	80-120	
Silver	ug/kg	4000	4000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354748 3354749

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343434001 Result	Spike Conc.	Spike Conc.	Result						
Cadmium	ug/kg	2630	4500	4570	6600	6910	88	94	75-125	5	20
Selenium	ug/kg	5320	4500	4570	9180	8920	86	79	75-125	3	20
Silver	ug/kg	73.4	4500	4570	4270	4360	93	94	75-125	2	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch:	730953	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434021, 50343434022, 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

METHOD BLANK: 3354750 Matrix: Solid

Associated Lab Samples: 50343434021, 50343434022, 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.7	05/05/23 21:08	
Selenium	ug/kg	ND	100	28.2	05/05/23 21:08	
Silver	ug/kg	ND	50.0	2.2	05/05/23 21:08	

LABORATORY CONTROL SAMPLE: 3354751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3710	93	80-120	
Selenium	ug/kg	4000	3850	96	80-120	
Silver	ug/kg	4000	3860	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354752 3354753

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50343434021 Result	Spike Conc.	Spike Conc.	Result						
Cadmium	ug/kg	804	4150	4220	4710	94	115	75-125	18	20	
Selenium	ug/kg	4870	4150	4220	8060	77	91	75-125	8	20	
Silver	ug/kg	71.3	4150	4220	3770	89	91	75-125	3	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 730728 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434001, 50343434002

METHOD BLANK: 3354040 Matrix: Solid

Associated Lab Samples: 50343434001, 50343434002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/01/23 14:57	
Acenaphthene	ug/kg	ND	5.0	2.0	05/01/23 14:57	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/01/23 14:57	
Anthracene	ug/kg	ND	5.0	2.5	05/01/23 14:57	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/01/23 14:57	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/01/23 14:57	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/01/23 14:57	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/01/23 14:57	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/01/23 14:57	
Chrysene	ug/kg	ND	5.0	3.4	05/01/23 14:57	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/01/23 14:57	
Fluoranthene	ug/kg	ND	5.0	3.5	05/01/23 14:57	
Fluorene	ug/kg	ND	5.0	2.0	05/01/23 14:57	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/01/23 14:57	
Naphthalene	ug/kg	ND	5.0	4.6	05/01/23 14:57	
Phenanthrene	ug/kg	ND	5.0	3.6	05/01/23 14:57	
Pyrene	ug/kg	ND	5.0	3.4	05/01/23 14:57	
2-Fluorobiphenyl (S)	%	68	23-115		05/01/23 14:57	
p-Terphenyl-d14 (S)	%	79	19-136		05/01/23 14:57	

LABORATORY CONTROL SAMPLE: 3354041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	507	76	45-127	
Acenaphthene	ug/kg	668	480	72	59-107	
Acenaphthylene	ug/kg	667	496	74	55-103	
Anthracene	ug/kg	667	492	74	65-107	
Benzo(a)anthracene	ug/kg	667	483	72	68-123	
Benzo(a)pyrene	ug/kg	668	480	72	66-119	
Benzo(b)fluoranthene	ug/kg	667	495	74	69-133	
Benzo(g,h,i)perylene	ug/kg	667	476	71	61-122	
Benzo(k)fluoranthene	ug/kg	667	469	70	66-132	
Chrysene	ug/kg	669	495	74	73-130	
Dibenz(a,h)anthracene	ug/kg	667	488	73	62-122	
Fluoranthene	ug/kg	668	533	80	70-124	
Fluorene	ug/kg	667	527	79	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	495	74	65-127	
Naphthalene	ug/kg	667	469	70	52-103	
Phenanthrene	ug/kg	667	488	73	65-117	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

LABORATORY CONTROL SAMPLE: 3354041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	494	74	65-129	
2-Fluorobiphenyl (S)	%.			57	23-115	
p-Terphenyl-d14 (S)	%.			67	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354042 3354043

Parameter	Units	50343394005		MS	MSD	3354043		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	MS Result	MSD Result							
2-Methylnaphthalene	ug/kg	0.0057 mg/kg	692	701	604	630	86	89	16-139	4	20			
Acenaphthene	ug/kg	ND	694	703	567	616	81	87	26-123	8	20			
Acenaphthylene	ug/kg	0.025 mg/kg	693	702	661	673	92	92	16-125	2	20			
Anthracene	ug/kg	0.034 mg/kg	693	702	646	657	88	89	13-133	2	20			
Benzo(a)anthracene	ug/kg	0.14 mg/kg	693	702	896	772	109	90	10-148	15	20			
Benzo(a)pyrene	ug/kg	0.16 mg/kg	694	703	976	804	117	91	10-133	19	20			
Benzo(b)fluoranthene	ug/kg	0.21 mg/kg	693	702	1080	870	125	94	10-155	21	20	R1		
Benzo(g,h,i)perylene	ug/kg	0.11 mg/kg	693	702	848	758	106	92	10-129	11	20			
Benzo(k)fluoranthene	ug/kg	0.073 mg/kg	693	702	746	667	97	85	12-142	11	20			
Chrysene	ug/kg	0.15 mg/kg	695	704	901	803	108	93	14-148	11	20			
Dibenz(a,h)anthracene	ug/kg	0.033 mg/kg	693	702	655	675	90	92	10-131	3	20			
Fluoranthene	ug/kg	0.26 mg/kg	694	703	1300	974	149	101	10-154	29	20	R1		
Fluorene	ug/kg	0.0070 mg/kg	693	702	621	640	89	90	26-134	3	20			
Indeno(1,2,3-cd)pyrene	ug/kg	0.11 mg/kg	693	702	857	776	108	95	10-136	10	20			
Naphthalene	ug/kg	0.0080 mg/kg	693	702	591	598	84	84	20-119	1	20			
Phenanthrene	ug/kg	0.092 mg/kg	693	702	765	712	97	88	12-150	7	20			
Pyrene	ug/kg	0.25 mg/kg	695	704	1180	914	134	95	17-152	25	20	R1		
2-Fluorobiphenyl (S)	%.						67	74	23-115					
p-Terphenyl-d14 (S)	%.						79	82	19-136					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 730781 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020, 50343434021, 50343434022

METHOD BLANK: 3354128 Matrix: Solid
Associated Lab Samples: 50343434003, 50343434004, 50343434005, 50343434006, 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020, 50343434021, 50343434022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/01/23 21:14	
Acenaphthene	ug/kg	ND	5.0	2.0	05/01/23 21:14	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/01/23 21:14	
Anthracene	ug/kg	ND	5.0	2.5	05/01/23 21:14	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/01/23 21:14	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/01/23 21:14	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/01/23 21:14	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/01/23 21:14	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/01/23 21:14	
Chrysene	ug/kg	ND	5.0	3.4	05/01/23 21:14	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/01/23 21:14	
Fluoranthene	ug/kg	ND	5.0	3.5	05/01/23 21:14	
Fluorene	ug/kg	ND	5.0	2.0	05/01/23 21:14	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/01/23 21:14	
Naphthalene	ug/kg	ND	5.0	4.6	05/01/23 21:14	
Phenanthrene	ug/kg	ND	5.0	3.6	05/01/23 21:14	
Pyrene	ug/kg	ND	5.0	3.4	05/01/23 21:14	
2-Fluorobiphenyl (S)	%	86	23-115		05/01/23 21:14	
p-Terphenyl-d14 (S)	%	99	19-136		05/01/23 21:14	

LABORATORY CONTROL SAMPLE: 3354129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	634	95	45-127	
Acenaphthene	ug/kg	668	622	93	59-107	
Acenaphthylene	ug/kg	667	650	98	55-103	
Anthracene	ug/kg	667	641	96	65-107	
Benzo(a)anthracene	ug/kg	667	627	94	68-123	
Benzo(a)pyrene	ug/kg	668	630	94	66-119	
Benzo(b)fluoranthene	ug/kg	667	638	96	69-133	
Benzo(g,h,i)perylene	ug/kg	667	620	93	61-122	
Benzo(k)fluoranthene	ug/kg	667	602	90	66-132	
Chrysene	ug/kg	669	642	96	73-130	
Dibenz(a,h)anthracene	ug/kg	667	642	96	62-122	
Fluoranthene	ug/kg	668	665	100	70-124	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

LABORATORY CONTROL SAMPLE: 3354129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	642	96	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	648	97	65-127	
Naphthalene	ug/kg	667	595	89	52-103	
Phenanthrene	ug/kg	667	627	94	65-117	
Pyrene	ug/kg	668	637	95	65-129	
2-Fluorobiphenyl (S)	%			81	23-115	
p-Terphenyl-d14 (S)	%			89	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354130 3354131

Parameter	Units	MS 3354130		MSD 3354131		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Spike Conc.	MS Result	Spike Conc.	MSD Result							
2-Methylnaphthalene	ug/kg	16.1	715	719	593	669	81	91	16-139	12	20	
Acenaphthene	ug/kg	38.0	717	722	558	633	73	82	26-123	13	20	
Acenaphthylene	ug/kg	28.5	716	721	577	655	77	87	16-125	13	20	
Anthracene	ug/kg	119	716	721	552	674	60	77	13-133	20	20	
Benzo(a)anthracene	ug/kg	523	716	721	554	764	4	33	10-148	32	20	M1,R1
Benzo(a)pyrene	ug/kg	492	717	722	549	739	8	34	10-133	30	20	M1,R1
Benzo(b)fluoranthene	ug/kg	643	716	721	561	764	-12	17	10-155	31	20	M1,R1
Benzo(g,h,i)perylene	ug/kg	303	716	721	524	677	31	52	10-129	26	20	R1
Benzo(k)fluoranthene	ug/kg	208	716	721	520	685	44	66	12-142	27	20	R1
Chrysene	ug/kg	534	718	723	564	761	4	31	14-148	30	20	M1,R1
Dibenz(a,h)anthracene	ug/kg	99.6	716	721	523	632	59	74	10-131	19	20	
Fluoranthene	ug/kg	999	717	722	644	1010	-49	1	10-154	44	20	M1,R1
Fluorene	ug/kg	29.5	716	721	573	674	76	89	26-134	16	20	
Indeno(1,2,3-cd)pyrene	ug/kg	284	716	721	542	701	36	58	10-136	26	20	R1
Naphthalene	ug/kg	18.3	716	721	557	620	75	83	20-119	11	20	
Phenanthrene	ug/kg	448	716	721	565	766	16	44	12-150	30	20	R1
Pyrene	ug/kg	941	717	723	595	916	-48	-3	17-152	43	20	M1,R1
2-Fluorobiphenyl (S)	%						67	71	23-115			
p-Terphenyl-d14 (S)	%						68	82	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

QC Batch: 730786 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

METHOD BLANK: 3354140 Matrix: Solid
Associated Lab Samples: 50343434023, 50343434024, 50343434025, 50343434026, 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	05/02/23 03:02	
Acenaphthene	ug/kg	ND	5.0	2.0	05/02/23 03:02	
Acenaphthylene	ug/kg	ND	5.0	1.9	05/02/23 03:02	
Anthracene	ug/kg	ND	5.0	2.5	05/02/23 03:02	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	05/02/23 03:02	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	05/02/23 03:02	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	05/02/23 03:02	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	05/02/23 03:02	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	05/02/23 03:02	
Chrysene	ug/kg	ND	5.0	3.4	05/02/23 03:02	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	05/02/23 03:02	
Fluoranthene	ug/kg	ND	5.0	3.5	05/02/23 03:02	
Fluorene	ug/kg	ND	5.0	2.0	05/02/23 03:02	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	05/02/23 03:02	
Naphthalene	ug/kg	ND	5.0	4.6	05/02/23 03:02	
Phenanthrene	ug/kg	ND	5.0	3.6	05/02/23 03:02	
Pyrene	ug/kg	ND	5.0	3.4	05/02/23 03:02	
2-Fluorobiphenyl (S)	%	83	23-115		05/02/23 03:02	
p-Terphenyl-d14 (S)	%	101	19-136		05/02/23 03:02	

LABORATORY CONTROL SAMPLE: 3354141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	668	100	45-127	
Acenaphthene	ug/kg	668	628	94	59-107	
Acenaphthylene	ug/kg	667	654	98	55-103	
Anthracene	ug/kg	667	659	99	65-107	
Benzo(a)anthracene	ug/kg	667	623	94	68-123	
Benzo(a)pyrene	ug/kg	668	629	94	66-119	
Benzo(b)fluoranthene	ug/kg	667	682	102	69-133	
Benzo(g,h,i)perylene	ug/kg	667	628	94	61-122	
Benzo(k)fluoranthene	ug/kg	667	593	89	66-132	
Chrysene	ug/kg	669	649	97	73-130	
Dibenz(a,h)anthracene	ug/kg	667	644	97	62-122	
Fluoranthene	ug/kg	668	681	102	70-124	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

LABORATORY CONTROL SAMPLE: 3354141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	678	102	64-112	
Indeno(1,2,3-cd)pyrene	ug/kg	667	653	98	65-127	
Naphthalene	ug/kg	667	598	90	52-103	
Phenanthrene	ug/kg	667	642	96	65-117	
Pyrene	ug/kg	668	682	102	65-129	
2-Fluorobiphenyl (S)	%			76	23-115	
p-Terphenyl-d14 (S)	%			96	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354142 3354143

Parameter	Units	MS 3354142		MSD 3354143		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		50343457005 Result	MS Spike Conc.	MSD Spike Conc.	MSD Result							
2-Methylnaphthalene	ug/kg	ND	658	662	681	631	104	95	16-139	8	20	
Acenaphthene	ug/kg	ND	660	664	645	605	98	91	26-123	6	20	
Acenaphthylene	ug/kg	ND	659	663	669	632	102	95	16-125	6	20	
Anthracene	ug/kg	ND	659	663	682	649	103	98	13-133	5	20	
Benzo(a)anthracene	ug/kg	ND	659	663	661	626	100	94	10-148	5	20	
Benzo(a)pyrene	ug/kg	ND	660	664	661	633	100	95	10-133	4	20	
Benzo(b)fluoranthene	ug/kg	ND	659	663	715	602	109	91	10-155	17	20	
Benzo(g,h,i)perylene	ug/kg	ND	659	663	652	618	99	93	10-129	5	20	
Benzo(k)fluoranthene	ug/kg	ND	659	663	619	656	94	99	12-142	6	20	
Chrysene	ug/kg	ND	661	665	679	649	103	98	14-148	4	20	
Dibenz(a,h)anthracene	ug/kg	ND	659	663	684	646	104	97	10-131	6	20	
Fluoranthene	ug/kg	ND	660	664	693	666	105	100	10-154	4	20	
Fluorene	ug/kg	ND	659	663	678	644	103	97	26-134	5	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	659	663	695	652	105	98	10-136	6	20	
Naphthalene	ug/kg	ND	659	663	620	576	94	87	20-119	7	20	
Phenanthrene	ug/kg	ND	659	663	676	640	102	96	12-150	6	20	
Pyrene	ug/kg	ND	661	665	716	684	108	103	17-152	5	20	
2-Fluorobiphenyl (S)	%						80	73	23-115			
p-Terphenyl-d14 (S)	%						102	95	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch: 732620

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434001, 50343434002, 50343434003, 50343434004, 50343434005, 50343434006

SAMPLE DUPLICATE: 3362269

Parameter	Units	50343383097 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.5	16.5	6	5	N2,R1

SAMPLE DUPLICATE: 3362270

Parameter	Units	50343434006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	14.6	12	5	N2,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch:	732739	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434007, 50343434008, 50343434009, 50343434010, 50343434011, 50343434012, 50343434013, 50343434014, 50343434015, 50343434016, 50343434017, 50343434018, 50343434019, 50343434020, 50343434021, 50343434022, 50343434023, 50343434024, 50343434025, 50343434026

SAMPLE DUPLICATE: 3362851

Parameter	Units	50343434007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.9	11.0	1	5	N2

SAMPLE DUPLICATE: 3362852

Parameter	Units	50343434026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.5	11.5	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

QC Batch:	732740	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343434027, 50343434028, 50343434029, 50343434030, 50343434031, 50343434032, 50343434033, 50343434034, 50343434035, 50343434036, 50343434037, 50343434038, 50343434039

SAMPLE DUPLICATE: 3362854

Parameter	Units	50343434027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.6	17.2	4	5	N2

SAMPLE DUPLICATE: 3362855

Parameter	Units	50343436007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.3	14.3	7	5	N2,R1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

R1 RPD value was outside control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343434001	SB-87 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434002	SB-89 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434003	SB-90 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434004	SB-91 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434005	SB-92 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434006	SB-93 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434007	SB-94 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434008	SB-95 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434009	SB-96 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434010	SB-97 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434011	SB-88 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434012	SB-98 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434013	SB-99 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434014	SB-100 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434015	SB-101 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434016	SB-102 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434017	SB-103 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434018	SB-104 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434019	SB-105 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434020	SB-106 (0-2)	EPA 3050	731740	EPA 6010	732900
50343434021	SB-107 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434022	SB-108 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434023	SB-109 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434024	SB-110 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434025	SB-111 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434026	SB-112 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434027	SB-113 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434028	SB-114 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434029	SB-115 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434030	SB-116 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434031	SB-117 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434032	SB-118 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434033	SB-119 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434034	SB-120 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434035	SB-121 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434036	SB-122 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434037	SB-123 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434038	DUP 7 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434039	DUP 8 (0-2)	EPA 3050	731741	EPA 6010	732901
50343434001	SB-87 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434002	SB-89 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434003	SB-90 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434004	SB-91 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434005	SB-92 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434006	SB-93 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434007	SB-94 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434008	SB-95 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434009	SB-96 (0-2)	EPA 3050B	730952	EPA 6020	731959

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343434010	SB-97 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434011	SB-88 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434012	SB-98 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434013	SB-99 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434014	SB-100 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434015	SB-101 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434016	SB-102 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434017	SB-103 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434018	SB-104 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434019	SB-105 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434020	SB-106 (0-2)	EPA 3050B	730952	EPA 6020	731959
50343434021	SB-107 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434022	SB-108 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434023	SB-109 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434024	SB-110 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434025	SB-111 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434026	SB-112 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434027	SB-113 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434028	SB-114 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434029	SB-115 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434030	SB-116 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434031	SB-117 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434032	SB-118 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434033	SB-119 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434034	SB-120 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434035	SB-121 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434036	SB-122 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434037	SB-123 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434038	DUP 7 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434039	DUP 8 (0-2)	EPA 3050B	730953	EPA 6020	731960
50343434001	SB-87 (0-2)	EPA 7471	731644	EPA 7471	732154
50343434002	SB-89 (0-2)	EPA 7471	731644	EPA 7471	732154
50343434003	SB-90 (0-2)	EPA 7471	731644	EPA 7471	732154
50343434004	SB-91 (0-2)	EPA 7471	731644	EPA 7471	732154
50343434005	SB-92 (0-2)	EPA 7471	731644	EPA 7471	732154
50343434006	SB-93 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434007	SB-94 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434008	SB-95 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434009	SB-96 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434010	SB-97 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434011	SB-88 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434012	SB-98 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434013	SB-99 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434014	SB-100 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434015	SB-101 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434016	SB-102 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434017	SB-103 (0-2)	EPA 7471	731645	EPA 7471	732359

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343434018	SB-104 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434019	SB-105 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434020	SB-106 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434021	SB-107 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434022	SB-108 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434023	SB-109 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434024	SB-110 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434025	SB-111 (0-2)	EPA 7471	731645	EPA 7471	732359
50343434026	SB-112 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434027	SB-113 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434028	SB-114 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434029	SB-115 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434030	SB-116 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434031	SB-117 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434032	SB-118 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434033	SB-119 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434034	SB-120 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434035	SB-121 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434036	SB-122 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434037	SB-123 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434038	DUP 7 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434039	DUP 8 (0-2)	EPA 7471	731646	EPA 7471	732360
50343434001	SB-87 (0-2)	EPA 3546	730728	EPA 8270 by SIM	730763
50343434002	SB-89 (0-2)	EPA 3546	730728	EPA 8270 by SIM	730763
50343434003	SB-90 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434004	SB-91 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434005	SB-92 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434006	SB-93 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434007	SB-94 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434008	SB-95 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434009	SB-96 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434010	SB-97 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434011	SB-88 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434012	SB-98 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434013	SB-99 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434014	SB-100 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434015	SB-101 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434016	SB-102 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434017	SB-103 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434018	SB-104 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434019	SB-105 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434020	SB-106 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434021	SB-107 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434022	SB-108 (0-2)	EPA 3546	730781	EPA 8270 by SIM	730888
50343434023	SB-109 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434024	SB-110 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434025	SB-111 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343434026	SB-112 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434027	SB-113 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434028	SB-114 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434029	SB-115 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434030	SB-116 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434031	SB-117 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434032	SB-118 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434033	SB-119 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434034	SB-120 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434035	SB-121 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434036	SB-122 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434037	SB-123 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434038	DUP 7 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434039	DUP 8 (0-2)	EPA 3546	730786	EPA 8270 by SIM	730907
50343434001	SB-87 (0-2)	SM 2540G	732620		
50343434002	SB-89 (0-2)	SM 2540G	732620		
50343434003	SB-90 (0-2)	SM 2540G	732620		
50343434004	SB-91 (0-2)	SM 2540G	732620		
50343434005	SB-92 (0-2)	SM 2540G	732620		
50343434006	SB-93 (0-2)	SM 2540G	732620		
50343434007	SB-94 (0-2)	SM 2540G	732739		
50343434008	SB-95 (0-2)	SM 2540G	732739		
50343434009	SB-96 (0-2)	SM 2540G	732739		
50343434010	SB-97 (0-2)	SM 2540G	732739		
50343434011	SB-88 (0-2)	SM 2540G	732739		
50343434012	SB-98 (0-2)	SM 2540G	732739		
50343434013	SB-99 (0-2)	SM 2540G	732739		
50343434014	SB-100 (0-2)	SM 2540G	732739		
50343434015	SB-101 (0-2)	SM 2540G	732739		
50343434016	SB-102 (0-2)	SM 2540G	732739		
50343434017	SB-103 (0-2)	SM 2540G	732739		
50343434018	SB-104 (0-2)	SM 2540G	732739		
50343434019	SB-105 (0-2)	SM 2540G	732739		
50343434020	SB-106 (0-2)	SM 2540G	732739		
50343434021	SB-107 (0-2)	SM 2540G	732739		
50343434022	SB-108 (0-2)	SM 2540G	732739		
50343434023	SB-109 (0-2)	SM 2540G	732739		
50343434024	SB-110 (0-2)	SM 2540G	732739		
50343434025	SB-111 (0-2)	SM 2540G	732739		
50343434026	SB-112 (0-2)	SM 2540G	732739		
50343434027	SB-113 (0-2)	SM 2540G	732740		
50343434028	SB-114 (0-2)	SM 2540G	732740		
50343434029	SB-115 (0-2)	SM 2540G	732740		
50343434030	SB-116 (0-2)	SM 2540G	732740		
50343434031	SB-117 (0-2)	SM 2540G	732740		
50343434032	SB-118 (0-2)	SM 2540G	732740		
50343434033	SB-119 (0-2)	SM 2540G	732740		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343434034	SB-120 (0-2)	SM 2540G	732740		
50343434035	SB-121 (0-2)	SM 2540G	732740		
50343434036	SB-122 (0-2)	SM 2540G	732740		
50343434037	SB-123 (0-2)	SM 2540G	732740		
50343434038	DUP 7 (0-2)	SM 2540G	732740		
50343434039	DUP 8 (0-2)	SM 2540G	732740		

REPORT OF LABORATORY ANALYSIS

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Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres
 Chk

Analysis / Container / Preservation
WO# : 50343434

 50343434



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
 Joshua Schuyler

Email To:
 Joshua.Schuyler@connecthas.com

Project Description:
 100 Lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 100BS2324A

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD-100 Lenox

P.O. #
 2324A

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 00135280
 Date Results Needed

Immediately Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-87 (0-2)	GRAB	SS		4/27/23	0927	1	X	X
SB-89 (0-2)					0931			
SB-90 (0-2)					0936			
SB-91 (0-2)					0944			
SB-92 (0-2)					0950			
SB-93 (0-2)					0956			
SB-94 (0-2)					0959			
SB-95 (0-2)					1001			
SB-96 (0-2)					1009			
SB-97 (0-2)								

PAH 8270 (MI TALS) 2320
 MI 10 METALS 0010 7471

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Bill Hall
 PM: 341 John Hawkins
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N
 Seal

Samples returned via:
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)
 M Haas

Date:
 4/27/23

Time:
 1050

Received by: (Signature)
 FE

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FE

Date:
 4/28/23

Time:
 0850

Received by: (Signature)

Temp: 17 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 72 of 80

Company Name/Address:
ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

Billing Information:
Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
Joshua Schwylor

Email To:
joshua.schwylor@pacelabs.com

Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
PT MT CT ET

Phone: **248-669-5140**

Client Project #
188BS23244

Lab Project #

Collected by (print):

Site/Facility ID #
DDD - 100 Lenox

P.O. # **23244**
00135280

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
00135280

Date Results Needed

10 DAY TAT

No.
of
Cntrs

Immediately Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

PAH 8970 (MI TOLS) 2330
MI 10 Metals 6010/7471

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-98 (0-2)	GRAB	SS		4/27/23	1003	1
SB-98 (0-2)					1017	
SB-99 (0-2)					1020	
SB-100 (0-2)					1026	
SB-101 (0-2)					1038	
SB-102 (0-2)					1117	
SB-103 (0-2)					1120	
SB-104 (0-2)					1129	
SB-105 (0-2)					1132	
SB-106 (0-2)					1139	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)

Date: **4/27/23**

Time: **1050**

Received by: (Signature)

FE

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

FE

Date: **4/28/23**

Time: **0850**

Received by: (Signature)

[Signature]

Temp: **1.7** °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@oneatlasc.com

Project Description:
 100 lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 1880523244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD-100 lenox

P.O. #
 23244

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 00135280

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-107 (0-2)	GRAB	SS	1142	4/27/23		1
SB-108 (0-2)			1145			
SB-109 (0-2)			1151			
SB-110 (0-2)			1200			
SB-111 (0-2)			1205			
SB-112 (0-2)			1240			
SB-113 (0-2)			1244			
SB-114 (0-2)			1248			
SB-115 (0-2)			1251			
SB-116 (0-2)			1254			

PAH 0270 (MI TDs) 2330
 MI 10 METALS 6010/747

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Brian Hall
 PM: 341 John Hawkins
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N
 see SW

Relinquished by: (Signature)
 M Haas

Date:
 4/27/23

Time:
 1050

Received by: (Signature)
 FE

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FE

Date:
 4/28/23

Time:
 6850

Received by: (Signature)

Temp: 1.7 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 74 of 80k

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Chain of Custody Page ___ of ___



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
Joshua Schuyler

Email To:
joshua.schuyler@oneatlas.com

Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
 PT MT CT ET

Phone: **248-669-5140**

Client Project #
188 BS 23244

Lab Project #

Collected by (print):
Madelyn Haas

Site/Facility ID #
DDD-100 LENOX

P.O. #
23244

Collected by (signature):
M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
00135280

Immediately Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-117 (0-2)	GRAB	SS		4/27/23	1259	1	X	X											
SB-118 (0-2)					1316														
SB-119 (0-2)					1331														
SB-120 (0-2)					1336														
SB-121 (0-2)					1338														
SB-122 (0-2)					1341														
SB-123 (0-2)					1348														
DUP 7 (0-2)					0000														
DUP 8 (0-2)					0000														

PAH B370 (MIDLS) L330

MI 10 Metals U010 7471

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: *BRIAN HALL*
 PM: *341-John Hawkins*
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mB/hr: Y N
see scan

Relinquished by: (Signature)
M Haas

Date:
4/27/23

Time:
11050

Received by: (Signature)
FB

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
FB

Date:
4/28/23

Time:
0158

Received by: (Signature)
[Signature]

Temp: *1.7* °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 NCF 76 of 80 OK



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: DO 4/28/23 1340

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: **1 2 3 4 5 6 A B C D E F**
 4. Cooler Temperature(s): 1.6/1.7
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab			Time: _____	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details			<input checked="" type="checkbox"/>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI R	VIALS												AMBER GLASS							PLASTIC							OTHER				Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black						
			HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9																															
1																															SL						
2																																					
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

Container Codes

Glass			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass

Plastic	
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
Miscellaneous	
Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI R	VIALS											AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9						
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit												
			1																																				
2																																							
3																																							
4																																							
5																																							
6																																							
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							

Container Codes

Glass			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass

Plastic	
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
Miscellaneous	
Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WG FU	MeOH (only) SBS DI R	VIALS			AMBER GLASS							PLASTIC							OTHER			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9														
			DG9H VG9H VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z						CG3H	CG3F	Syringe Kit											
1	I																																								
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10																																									
11																																									
12																																									

Container Codes

Glass			Plastic			Miscellaneous	
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

June 16, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343058

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343058001	SB-1 (2-4)	Solid	04/24/23 11:42	04/25/23 09:00
50343058002	SB-2 (2-4)	Solid	04/24/23 11:50	04/25/23 09:00
50343058003	SB-3 (2-4)	Solid	04/24/23 11:55	04/25/23 09:00
50343058004	SB-4 (2-4)	Solid	04/24/23 12:05	04/25/23 09:00
50343058005	SB-5 (2-4)	Solid	04/24/23 12:30	04/25/23 09:00
50343058006	SB-6 (2-4)	Solid	04/24/23 12:40	04/25/23 09:00
50343058007	SB-7 (2-4)	Solid	04/24/23 12:50	04/25/23 09:00
50343058008	SB-8 (2-4)	Solid	04/24/23 12:54	04/25/23 09:00
50343058009	SB-9 (2-4)	Solid	04/24/23 12:57	04/25/23 09:00
50343058010	SB-10 (2-4)	Solid	04/24/23 13:04	04/25/23 09:00
50343058011	SB-11 (2-4)	Solid	04/24/23 13:12	04/25/23 09:00
50343058012	SB-12 (2-4)	Solid	04/24/23 13:17	04/25/23 09:00
50343058013	SB-13 (2-4)	Solid	04/24/23 13:24	04/25/23 09:00
50343058014	SB-14 (2-4)	Solid	04/24/23 13:35	04/25/23 09:00
50343058015	SB-15 (2-4)	Solid	04/24/23 13:45	04/25/23 09:00
50343058016	SB-18 (2-4)	Solid	04/24/23 14:24	04/25/23 09:00
50343058017	DUP-1 (2-4)	Solid	04/24/23 00:00	04/25/23 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343058001	SB-1 (2-4)	SM 2540G	OAS	1	PASI-I
50343058002	SB-2 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058003	SB-3 (2-4)	SM 2540G	OAS	1	PASI-I
50343058004	SB-4 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058005	SB-5 (2-4)	SM 2540G	OAS	1	PASI-I
50343058006	SB-6 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058007	SB-7 (2-4)	SM 2540G	OAS	1	PASI-I
50343058008	SB-8 (2-4)	SM 2540G	OAS	1	PASI-I
50343058009	SB-9 (2-4)	EPA 6010	DJS	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058010	SB-10 (2-4)	EPA 6010	DJS	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058011	SB-11 (2-4)	EPA 6010	DJS	2	PASI-I
		SM 2540G	OAS	1	PASI-I
50343058012	SB-12 (2-4)	SM 2540G	OAS	1	PASI-I
50343058013	SB-13 (2-4)	SM 2540G	OAS	1	PASI-I
50343058014	SB-14 (2-4)	SM 2540G	OAS	1	PASI-I
50343058015	SB-15 (2-4)	SM 2540G	OAS	1	PASI-I
50343058016	SB-18 (2-4)	SM 2540G	OAS	1	PASI-I
50343058017	DUP-1 (2-4)	SM 2540G	OAS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-1 (2-4) **Lab ID: 50343058001** Collected: 04/24/23 11:42 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.2	%	0.10	0.10	1		05/03/23 17:10		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343058

Sample: **SB-2 (2-4)** Lab ID: **50343058002** Collected: 04/24/23 11:50 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14000	ug/kg	1080	180	1	06/12/23 16:54	06/13/23 11:33	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	87.7	ug/kg	53.2	21.4	10	04/26/23 12:07	06/05/23 08:59	83-32-9	
Acenaphthylene	54.6	ug/kg	53.2	20.0	10	04/26/23 12:07	06/05/23 08:59	208-96-8	
Anthracene	342	ug/kg	53.2	26.7	10	04/26/23 12:07	06/05/23 08:59	120-12-7	
Benzo(a)anthracene	1060	ug/kg	53.2	15.1	10	04/26/23 12:07	06/05/23 08:59	56-55-3	
Benzo(a)pyrene	987	ug/kg	53.2	31.7	10	04/26/23 12:07	06/05/23 08:59	50-32-8	
Benzo(b)fluoranthene	1330	ug/kg	53.2	29.3	10	04/26/23 12:07	06/05/23 08:59	205-99-2	
Benzo(g,h,i)perylene	655	ug/kg	53.2	31.6	10	04/26/23 12:07	06/05/23 08:59	191-24-2	
Benzo(k)fluoranthene	487	ug/kg	53.2	24.6	10	04/26/23 12:07	06/05/23 08:59	207-08-9	
Chrysene	1150	ug/kg	53.2	36.6	10	04/26/23 12:07	06/05/23 08:59	218-01-9	
Dibenz(a,h)anthracene	164	ug/kg	53.2	26.2	10	04/26/23 12:07	06/05/23 08:59	53-70-3	
Fluoranthene	2340	ug/kg	53.2	37.1	10	04/26/23 12:07	06/05/23 08:59	206-44-0	
Fluorene	70.3	ug/kg	53.2	21.0	10	04/26/23 12:07	06/05/23 08:59	86-73-7	
Indeno(1,2,3-cd)pyrene	568	ug/kg	53.2	27.1	10	04/26/23 12:07	06/05/23 08:59	193-39-5	
2-Methylnaphthalene	89.8	ug/kg	53.2	50.0	10	04/26/23 12:07	06/05/23 08:59	91-57-6	
Naphthalene	94.0	ug/kg	53.2	49.0	10	04/26/23 12:07	06/05/23 08:59	91-20-3	ED
Phenanthrene	1220	ug/kg	53.2	38.3	10	04/26/23 12:07	06/05/23 08:59	85-01-8	
Pyrene	1920	ug/kg	53.2	36.5	10	04/26/23 12:07	06/05/23 08:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		10	04/26/23 12:07	06/05/23 08:59	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		10	04/26/23 12:07	06/05/23 08:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.7	%	0.10	0.10	1		05/03/23 17:10		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-3 (2-4) **Lab ID: 50343058003** Collected: 04/24/23 11:55 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.2	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-4 (2-4) **Lab ID: 50343058004** Collected: 04/24/23 12:05 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	85.2	ug/kg	52.7	21.2	10	04/26/23 12:07	06/05/23 09:13	83-32-9	
Acenaphthylene	ND	ug/kg	52.7	19.9	10	04/26/23 12:07	06/05/23 09:13	208-96-8	
Anthracene	152	ug/kg	52.7	26.4	10	04/26/23 12:07	06/05/23 09:13	120-12-7	
Benzo(a)anthracene	324	ug/kg	52.7	15.0	10	04/26/23 12:07	06/05/23 09:13	56-55-3	
Benzo(a)pyrene	347	ug/kg	52.7	31.4	10	04/26/23 12:07	06/05/23 09:13	50-32-8	
Benzo(b)fluoranthene	444	ug/kg	52.7	29.0	10	04/26/23 12:07	06/05/23 09:13	205-99-2	
Benzo(g,h,i)perylene	236	ug/kg	52.7	31.3	10	04/26/23 12:07	06/05/23 09:13	191-24-2	
Benzo(k)fluoranthene	170	ug/kg	52.7	24.4	10	04/26/23 12:07	06/05/23 09:13	207-08-9	
Chrysene	420	ug/kg	52.7	36.2	10	04/26/23 12:07	06/05/23 09:13	218-01-9	
Dibenz(a,h)anthracene	62.8	ug/kg	52.7	25.9	10	04/26/23 12:07	06/05/23 09:13	53-70-3	
Fluoranthene	837	ug/kg	52.7	36.7	10	04/26/23 12:07	06/05/23 09:13	206-44-0	
Fluorene	78.2	ug/kg	52.7	20.8	10	04/26/23 12:07	06/05/23 09:13	86-73-7	
Indeno(1,2,3-cd)pyrene	213	ug/kg	52.7	26.9	10	04/26/23 12:07	06/05/23 09:13	193-39-5	
2-Methylnaphthalene	ND	ug/kg	52.7	49.6	10	04/26/23 12:07	06/05/23 09:13	91-57-6	
Naphthalene	63.7	ug/kg	52.7	48.5	10	04/26/23 12:07	06/05/23 09:13	91-20-3	ED
Phenanthrene	418	ug/kg	52.7	38.0	10	04/26/23 12:07	06/05/23 09:13	85-01-8	
Pyrene	657	ug/kg	52.7	36.2	10	04/26/23 12:07	06/05/23 09:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	23-115		10	04/26/23 12:07	06/05/23 09:13	321-60-8	
p-Terphenyl-d14 (S)	54	%	19-136		10	04/26/23 12:07	06/05/23 09:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-5 (2-4) **Lab ID: 50343058005** Collected: 04/24/23 12:30 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	11.4	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-6 (2-4) **Lab ID: 50343058006** Collected: 04/24/23 12:40 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	9070	ug/kg	1020	170	1	06/12/23 16:54	06/13/23 11:46	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	16.9	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-7 (2-4) **Lab ID: 50343058007** Collected: 04/24/23 12:50 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.6	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-8 (2-4) **Lab ID: 50343058008** Collected: 04/24/23 12:54 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.7	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-9 (2-4) **Lab ID: 50343058009** Collected: 04/24/23 12:57 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10700	ug/kg	975	162	1	06/12/23 16:54	06/13/23 11:48	7440-38-2	
Lead	166000	ug/kg	975	451	1	06/12/23 16:54	06/13/23 11:48	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	55.0	22.1	10	04/26/23 12:07	06/05/23 09:26	83-32-9	
Acenaphthylene	ND	ug/kg	55.0	20.7	10	04/26/23 12:07	06/05/23 09:26	208-96-8	
Anthracene	182	ug/kg	55.0	27.6	10	04/26/23 12:07	06/05/23 09:26	120-12-7	
Benzo(a)anthracene	576	ug/kg	55.0	15.6	10	04/26/23 12:07	06/05/23 09:26	56-55-3	
Benzo(a)pyrene	508	ug/kg	55.0	32.8	10	04/26/23 12:07	06/05/23 09:26	50-32-8	
Benzo(b)fluoranthene	683	ug/kg	55.0	30.3	10	04/26/23 12:07	06/05/23 09:26	205-99-2	
Benzo(g,h,i)perylene	301	ug/kg	55.0	32.6	10	04/26/23 12:07	06/05/23 09:26	191-24-2	
Benzo(k)fluoranthene	270	ug/kg	55.0	25.4	10	04/26/23 12:07	06/05/23 09:26	207-08-9	
Chrysene	644	ug/kg	55.0	37.8	10	04/26/23 12:07	06/05/23 09:26	218-01-9	
Dibenz(a,h)anthracene	61.8	ug/kg	55.0	27.1	10	04/26/23 12:07	06/05/23 09:26	53-70-3	
Fluoranthene	1180	ug/kg	55.0	38.3	10	04/26/23 12:07	06/05/23 09:26	206-44-0	
Fluorene	ND	ug/kg	55.0	21.8	10	04/26/23 12:07	06/05/23 09:26	86-73-7	
Indeno(1,2,3-cd)pyrene	266	ug/kg	55.0	28.0	10	04/26/23 12:07	06/05/23 09:26	193-39-5	
2-Methylnaphthalene	58.5	ug/kg	55.0	51.7	10	04/26/23 12:07	06/05/23 09:26	91-57-6	
Naphthalene	60.9	ug/kg	55.0	50.6	10	04/26/23 12:07	06/05/23 09:26	91-20-3	ED
Phenanthrene	659	ug/kg	55.0	39.6	10	04/26/23 12:07	06/05/23 09:26	85-01-8	
Pyrene	892	ug/kg	55.0	37.8	10	04/26/23 12:07	06/05/23 09:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	23-115		10	04/26/23 12:07	06/05/23 09:26	321-60-8	
p-Terphenyl-d14 (S)	52	%	19-136		10	04/26/23 12:07	06/05/23 09:26	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.9	%	0.10	0.10	1		05/03/23 17:11		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-10 (2-4) **Lab ID: 50343058010** Collected: 04/24/23 13:04 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9080	ug/kg	1040	172	1	06/12/23 16:54	06/13/23 11:51	7440-38-2	
Lead	28400	ug/kg	1040	481	1	06/12/23 16:54	06/13/23 11:51	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	457	ug/kg	54.2	21.8	10	04/26/23 12:07	06/05/23 09:39	83-32-9	
Acenaphthylene	ND	ug/kg	54.2	20.4	10	04/26/23 12:07	06/05/23 09:39	208-96-8	
Anthracene	1190	ug/kg	54.2	27.1	10	04/26/23 12:07	06/05/23 09:39	120-12-7	
Benzo(a)anthracene	2200	ug/kg	54.2	15.4	10	04/26/23 12:07	06/05/23 09:39	56-55-3	
Benzo(a)pyrene	1780	ug/kg	54.2	32.3	10	04/26/23 12:07	06/05/23 09:39	50-32-8	
Benzo(b)fluoranthene	1850	ug/kg	54.2	29.8	10	04/26/23 12:07	06/05/23 09:39	205-99-2	
Benzo(g,h,i)perylene	992	ug/kg	54.2	32.1	10	04/26/23 12:07	06/05/23 09:39	191-24-2	
Benzo(k)fluoranthene	774	ug/kg	54.2	25.0	10	04/26/23 12:07	06/05/23 09:39	207-08-9	
Chrysene	2400	ug/kg	54.2	37.2	10	04/26/23 12:07	06/05/23 09:39	218-01-9	
Dibenz(a,h)anthracene	207	ug/kg	54.2	26.6	10	04/26/23 12:07	06/05/23 09:39	53-70-3	
Fluoranthene	4390	ug/kg	54.2	37.7	10	04/26/23 12:07	06/05/23 09:39	206-44-0	
Fluorene	411	ug/kg	54.2	21.4	10	04/26/23 12:07	06/05/23 09:39	86-73-7	
Indeno(1,2,3-cd)pyrene	794	ug/kg	54.2	27.6	10	04/26/23 12:07	06/05/23 09:39	193-39-5	
2-Methylnaphthalene	252	ug/kg	54.2	50.9	10	04/26/23 12:07	06/05/23 09:39	91-57-6	
Naphthalene	426	ug/kg	54.2	49.9	10	04/26/23 12:07	06/05/23 09:39	91-20-3	ED
Phenanthrene	4950	ug/kg	54.2	39.0	10	04/26/23 12:07	06/05/23 09:39	85-01-8	
Pyrene	4400	ug/kg	54.2	37.2	10	04/26/23 12:07	06/05/23 09:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		10	04/26/23 12:07	06/05/23 09:39	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		10	04/26/23 12:07	06/05/23 09:39	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.3	%	0.10	0.10	1		05/03/23 17:12		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-11 (2-4) **Lab ID: 50343058011** Collected: 04/24/23 13:12 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7980	ug/kg	976	162	1	06/12/23 16:54	06/13/23 11:58	7440-38-2	
Lead	9620	ug/kg	976	452	1	06/12/23 16:54	06/13/23 11:58	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/03/23 17:12		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-12 (2-4) **Lab ID: 50343058012** Collected: 04/24/23 13:17 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	11.4	%	0.10	0.10	1		05/03/23 17:12		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343058

Sample: SB-13 (2-4) **Lab ID: 50343058013** Collected: 04/24/23 13:24 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/03/23 17:14		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-14 (2-4) **Lab ID: 50343058014** Collected: 04/24/23 13:35 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.0	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-15 (2-4) **Lab ID: 50343058015** Collected: 04/24/23 13:45 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.7	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: SB-18 (2-4) **Lab ID: 50343058016** Collected: 04/24/23 14:24 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.2	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

Sample: DUP-1 (2-4) **Lab ID: 50343058017** Collected: 04/24/23 00:00 Received: 04/25/23 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	16.9	%	0.10	0.10	1		05/03/23 17:15		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343058

QC Batch: 738571 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343058002, 50343058006, 50343058009, 50343058010, 50343058011

METHOD BLANK: 3388676 Matrix: Solid
Associated Lab Samples: 50343058002, 50343058006, 50343058009, 50343058010, 50343058011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	06/13/23 11:31	
Lead	ug/kg	ND	1000	463	06/13/23 11:31	

LABORATORY CONTROL SAMPLE: 3388677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	51400	103	80-120	
Lead	ug/kg	50000	48600	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388678 3388679

Parameter	Units	50343058002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	14000	54100	54200	58600	59500	82	84	75-125	1	20	
Lead	ug/kg	149000	54100	54200	511000	168000	669	35	75-125	101	20	M3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

QC Batch: 729940

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343058002, 50343058004, 50343058009, 50343058010

METHOD BLANK: 3349947

Matrix: Solid

Associated Lab Samples: 50343058002, 50343058004, 50343058009, 50343058010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 08:33	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 08:33	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 08:33	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 08:33	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 08:33	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 08:33	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 08:33	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 08:33	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 08:33	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 08:33	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 08:33	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 08:33	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 08:33	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 08:33	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 08:33	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 08:33	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 08:33	
2-Fluorobiphenyl (S)	%	84	23-115		06/05/23 08:33	
p-Terphenyl-d14 (S)	%	87	19-136		06/05/23 08:33	

LABORATORY CONTROL SAMPLE: 3349948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	559	84	52-123	
Acenaphthene	ug/kg	668	570	85	54-119	
Acenaphthylene	ug/kg	667	574	86	55-130	
Anthracene	ug/kg	667	579	87	58-120	
Benzo(a)anthracene	ug/kg	667	583	87	59-126	
Benzo(a)pyrene	ug/kg	668	593	89	58-133	
Benzo(b)fluoranthene	ug/kg	667	573	86	54-137	
Benzo(g,h,i)perylene	ug/kg	667	639	96	53-127	
Benzo(k)fluoranthene	ug/kg	667	621	93	54-126	
Chrysene	ug/kg	669	664	99	59-129	
Dibenz(a,h)anthracene	ug/kg	667	641	96	54-128	
Fluoranthene	ug/kg	668	619	93	58-137	
Fluorene	ug/kg	667	572	86	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	617	93	56-129	
Naphthalene	ug/kg	667	579	87	48-112	
Phenanthrene	ug/kg	667	585	88	57-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

LABORATORY CONTROL SAMPLE: 3349948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	591	88	55-133	
2-Fluorobiphenyl (S)	%.			82	23-115	
p-Terphenyl-d14 (S)	%.			81	19-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

QC Batch:	731447	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343058001, 50343058002, 50343058003, 50343058004, 50343058005, 50343058006, 50343058007, 50343058008, 50343058009, 50343058010, 50343058011, 50343058012

SAMPLE DUPLICATE: 3356566

Parameter	Units	50343058002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.7	11.4	17	5	N2,R1

SAMPLE DUPLICATE: 3356567

Parameter	Units	50343058003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.2	13.3	1	5	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

QC Batch: 731449

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343058013, 50343058014, 50343058015, 50343058016, 50343058017

SAMPLE DUPLICATE: 3356570

Parameter	Units	50343058013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	14.0	7	5	N2,R1

SAMPLE DUPLICATE: 3356571

Parameter	Units	50343058014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.0	9.9	9	5	N2,R1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343058

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343058002	SB-2 (2-4)	EPA 3050	738571	EPA 6010	738954
50343058006	SB-6 (2-4)	EPA 3050	738571	EPA 6010	738954
50343058009	SB-9 (2-4)	EPA 3050	738571	EPA 6010	738954
50343058010	SB-10 (2-4)	EPA 3050	738571	EPA 6010	738954
50343058011	SB-11 (2-4)	EPA 3050	738571	EPA 6010	738954
50343058002	SB-2 (2-4)	EPA 3546	729940	EPA 8270 by SIM	731328
50343058004	SB-4 (2-4)	EPA 3546	729940	EPA 8270 by SIM	731328
50343058009	SB-9 (2-4)	EPA 3546	729940	EPA 8270 by SIM	731328
50343058010	SB-10 (2-4)	EPA 3546	729940	EPA 8270 by SIM	731328
50343058001	SB-1 (2-4)	SM 2540G	731447		
50343058002	SB-2 (2-4)	SM 2540G	731447		
50343058003	SB-3 (2-4)	SM 2540G	731447		
50343058004	SB-4 (2-4)	SM 2540G	731447		
50343058005	SB-5 (2-4)	SM 2540G	731447		
50343058006	SB-6 (2-4)	SM 2540G	731447		
50343058007	SB-7 (2-4)	SM 2540G	731447		
50343058008	SB-8 (2-4)	SM 2540G	731447		
50343058009	SB-9 (2-4)	SM 2540G	731447		
50343058010	SB-10 (2-4)	SM 2540G	731447		
50343058011	SB-11 (2-4)	SM 2540G	731447		
50343058012	SB-12 (2-4)	SM 2540G	731447		
50343058013	SB-13 (2-4)	SM 2540G	731449		
50343058014	SB-14 (2-4)	SM 2540G	731449		
50343058015	SB-15 (2-4)	SM 2540G	731449		
50343058016	SB-18 (2-4)	SM 2540G	731449		
50343058017	DUP-1 (2-4)	SM 2540G	731449		

REPORT OF LABORATORY ANALYSIS

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Company M ATC **WO#: 50343058**

Billing Information:

Accounts Payable
35 Humboldt Dr., Ste.100
Detroit, MI 48377

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

46555
Novi, MI



Report to: **Joshua Schuyler**

Email To: **joshua.schuyler@oreanta.com**

Project Description: **100 Lenox** City/State Collected: **Detroit, MI** Please Circle: PT MT CT ET

Phone: **248-669-5140** Client Project # **188BS23244** Lab Project #

Collected by (print): **Madelyn Haas** Site/Facility ID # **DDD 100 Lenox** P.O. # **23244**

Collected by (signature): **M Haas** Rush? (Lab MUST Be Notified) Quote # **00135280**

Immediately Packed on Ice N Y Same Day Five Day Next Day 5 Day (Rad Only) Two Day 10 Day (Rad Only) Three Day Date Results Needed **10 DAY TAT** No. of Cntrs

Sample ID Comp/Grab Matrix* Depth Date Time

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs
SB-1 (2-4)	GRAB	SS				1
SB-2 (2-4)				4/24/23	1142	
SB-3 (2-4)					1150	
SB-4 (2-4)					1155	
SB-5 (2-4)					1205	
SB-6 (2-4)					1230	
SB-7 (2-4)					1240	
SB-8 (2-4)					1250	
SB-9 (2-4)					1257	
SB-10 (2-4)					1304	

PAH 8270 (MLTDG) 2330
MI 10 METALS 6010/7471



INDY
INDY, TN

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

Table #

Acctnum: **ATCNMI**

Template:

Prelogin: **Brian Hall**

PM: ~~3-1~~ **John Newkins**

PB:

Shipped Via:

Remarks Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: * H = Hold sample analysis pending totals results, pH _____ Temp _____
for 0-2' results. Extract + Hold PAH ONLY Flow _____ Other _____

Samples returned via: UPS FedEx Courier Tracking #

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headpace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

SEE SUR

Relinquished by: (Signature) **M Haas** Date: **4/24/23** Time: **1700** Received by: (Signature) **FedEx** Trip Blank Received: Yes / No HCL / MeOH TBR

Relinquished by: (Signature) **FedEx** Date: **4/25/23** Time: **0900** Received by: (Signature) **[Signature]** Temp: °C Bottles Received: **0.7** If preservation required by Login: Date/Time


Relinquished by: (Signature) Date: Time: Received for lab by: (Signature) Date: Time: Hold: Condition:

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Analysis / Container / Preservative									

Chain of Custody Page ___ of ___



MT JULIET, TN

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
Josanna Schuyler

Email To:
josanna.schuyler@conestogas.com

Project Description:
100 Lenox

City/State Collected:
Detroit, MI

Please Circle:
 PT MT CT ET

Phone: **248-669-5140**

Client Project #
1888523244

Lab Project #

Collected by (print):
Madelyn Haas

Site/Facility ID #
DDD 100 Lenox

P.O. #
23244

Collected by (signature):
M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed
10 DAY TAT

No. of Cntrs

PAH 8270 (MI TOU) <330
 MI 10 METALS 0010 7471

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs												
SB-11 (2-4)	GRAB	SS		4/24/23	1312	1	X	X										
SB-12 (2-4)					1317													
SB-13 (2-4)					1324													
SB-14 (2-4)					1335													
SB-15 (2-4)					1345													
SB-16 (2-4)					1401													
SB-17 (2-4)					1417													
SB-18 (2-4)					1424													
DUD-1 (2-4)					6000													

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
HH = Hold sample analysis pending totals results for 0-2' result. Extract + Hold PAH ONLY

Sample Receipt Checklist	
COC Seal Present/Intact:	<input type="checkbox"/> NP <input type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input type="checkbox"/> Y <input type="checkbox"/> N

SEE OUR

Samples returned via:
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)
M Haas

Date:
4/24/23

Time:
1700

Received by: (Signature)
FDEX

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
FDEX

Date:
4/25/23

Time:
0900

Received by: (Signature)
4/25/23 0900

Temp: °C Bottles Received:
0.7

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 NCF / OK



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: ML 4/25/23 1525

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes) Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: **1 2 3 4 5 6 A B C D E F**

4. Cooler Temperature(s): 0.9/0.7
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	Present	Absent	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Trip Blank Present?		<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?		<input checked="" type="checkbox"/>	

COMMENTS: SAMPLES NOT RECD SB-16 (2-4), SB-17 (2-4)

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	MeOH (only)	VIALS						AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/Zn Ac.							
		SBS	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black			
		R																																	
1	1																																		
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI	VIALS										AMBER GLASS							PLASTIC								OTHER			Matrix				
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green		Black			
			R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	HNO3 <2	H2SO4 <2		NaOH >10	NaOH/Zn Ac >9		
			Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix		Matrix	Matrix	Matrix	Matrix
1																																			
2																																			
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7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Synrge Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGUFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

June 16, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343166001	SB-20 (2-4)	Solid	04/25/23 09:10	04/26/23 09:05
50343166002	SB-21 (2-4)	Solid	04/25/23 09:13	04/26/23 09:05
50343166003	SB-22 (2-4)	Solid	04/25/23 09:20	04/26/23 09:05
50343166004	SB-23 (2-4)	Solid	04/25/23 09:25	04/26/23 09:05
50343166005	SB-24 (2-4)	Solid	04/25/23 09:31	04/26/23 09:05
50343166006	SB-25 (2-4)	Solid	04/25/23 09:48	04/26/23 09:05
50343166007	SB-26 (2-4)	Solid	04/25/23 09:54	04/26/23 09:05
50343166008	SB-27 (2-4)	Solid	04/25/23 10:00	04/26/23 09:05
50343166009	SB-28 (2-4)	Solid	04/25/23 10:05	04/26/23 09:05
50343166010	SB-29 (2-4)	Solid	04/25/23 10:12	04/26/23 09:05
50343166011	SB-30 (2-4)	Solid	04/25/23 10:25	04/26/23 09:05
50343166012	SB-31 (2-4)	Solid	04/25/23 10:33	04/26/23 09:05
50343166013	SB-32 (2-4)	Solid	04/25/23 11:25	04/26/23 09:05
50343166014	SB-33 (2-4)	Solid	04/25/23 11:27	04/26/23 09:05
50343166015	SB-34 (2-4)	Solid	04/25/23 11:40	04/26/23 09:05
50343166016	SB-35 (2-4)	Solid	04/25/23 11:43	04/26/23 09:05
50343166017	SB-36 (2-4)	Solid	04/25/23 11:45	04/26/23 09:05
50343166018	SB-37 (2-4)	Solid	04/25/23 11:47	04/26/23 09:05
50343166019	SB-38 (2-4)	Solid	04/25/23 11:53	04/26/23 09:05
50343166020	SB-39 (2-4)	Solid	04/25/23 12:02	04/26/23 09:05
50343166021	SB-40 (2-4)	Solid	04/25/23 12:10	04/26/23 09:05
50343166022	SB-41 (2-4)	Solid	04/25/23 12:16	04/26/23 09:05
50343166023	SB-42 (2-4)	Solid	04/25/23 12:21	04/26/23 09:05
50343166024	SB-43 (2-4)	Solid	04/25/23 12:25	04/26/23 09:05
50343166025	SB-44 (2-4)	Solid	04/25/23 12:33	04/26/23 09:05
50343166026	SB-45 (2-4)	Solid	04/25/23 13:30	04/26/23 09:05
50343166027	SB-46 (2-4)	Solid	04/25/23 13:34	04/26/23 09:05
50343166028	SB-47 (2-4)	Solid	04/25/23 13:40	04/26/23 09:05
50343166029	SB-48 (2-4)	Solid	04/25/23 13:45	04/26/23 09:05
50343166030	DUP-3 (2-4)	Solid	04/25/23 00:00	04/26/23 09:05
50343166031	DUP-4 (2-4)	Solid	04/25/23 00:00	04/26/23 09:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343166001	SB-20 (2-4)	SM 2540G	OAS	1	PASI-I
50343166002	SB-21 (2-4)	SM 2540G	OAS	1	PASI-I
50343166003	SB-22 (2-4)	SM 2540G	OAS	1	PASI-I
50343166004	SB-23 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343166005	SB-24 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343166006	SB-25 (2-4)	SM 2540G	OAS	1	PASI-I
50343166007	SB-26 (2-4)	SM 2540G	OAS	1	PASI-I
50343166008	SB-27 (2-4)	SM 2540G	OAS	1	PASI-I
50343166009	SB-28 (2-4)	SM 2540G	OAS	1	PASI-I
50343166010	SB-29 (2-4)	SM 2540G	OAS	1	PASI-I
50343166011	SB-30 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343166012	SB-31 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166013	SB-32 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166014	SB-33 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166015	SB-34 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166016	SB-35 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166017	SB-36 (2-4)	SM 2540G	AEL	1	PASI-I
50343166018	SB-37 (2-4)	SM 2540G	AEL	1	PASI-I
50343166019	SB-38 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	DAW	1	PASI-I
50343166020	SB-39 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	RJP	1	PASI-I
50343166021	SB-40 (2-4)	SM 2540G	RJP	1	PASI-I
50343166022	SB-41 (2-4)	SM 2540G	AEL	1	PASI-I
50343166023	SB-42 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	AEL	1	PASI-I
50343166024	SB-43 (2-4)	SM 2540G	AEL	1	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343166025	SB-44 (2-4)	SM 2540G	AEL	1	PASI-I
50343166026	SB-45 (2-4)	SM 2540G	AEL	1	PASI-I
50343166027	SB-46 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	AEL	1	PASI-I
50343166028	SB-47 (2-4)	SM 2540G	AEL	1	PASI-I
50343166029	SB-48 (2-4)	SM 2540G	AEL	1	PASI-I
50343166030	DUP-3 (2-4)	SM 2540G	AEL	1	PASI-I
50343166031	DUP-4 (2-4)	SM 2540G	AEL	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-20 (2-4) **Lab ID: 50343166001** Collected: 04/25/23 09:10 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	13.6	%	0.10	0.10	1		05/03/23 17:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-21 (2-4) **Lab ID: 50343166002** Collected: 04/25/23 09:13 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/03/23 17:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-22 (2-4) **Lab ID: 50343166003** Collected: 04/25/23 09:20 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.5	%	0.10	0.10	1		05/03/23 17:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-23 (2-4) **Lab ID: 50343166004** Collected: 04/25/23 09:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Lead	12000	ug/kg	949	439	1	06/12/23 16:54	06/13/23 12:01	7439-92-1	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	9.4	%	0.10	0.10	1		05/03/23 17:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-24 (2-4) **Lab ID: 50343166005** Collected: 04/25/23 09:31 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	17200	ug/kg	1190	197	1	06/12/23 16:54	06/13/23 12:03	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	17.6	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-25 (2-4) **Lab ID: 50343166006** Collected: 04/25/23 09:48 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.7	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-26 (2-4) **Lab ID: 50343166007** Collected: 04/25/23 09:54 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.6	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-27 (2-4) **Lab ID: 50343166008** Collected: 04/25/23 10:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.5	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-28 (2-4) **Lab ID: 50343166009** Collected: 04/25/23 10:05 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.8	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-29 (2-4) **Lab ID: 50343166010** Collected: 04/25/23 10:12 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.0	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Sample: SB-30 (2-4) **Lab ID: 50343166011** Collected: 04/25/23 10:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8280	ug/kg	1080	180	1	06/12/23 16:54	06/13/23 12:06	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	38.2	ug/kg	5.7	2.3	1	04/29/23 10:55	06/05/23 10:19	83-32-9	
Acenaphthylene	32.5	ug/kg	5.7	2.1	1	04/29/23 10:55	06/05/23 10:19	208-96-8	
Anthracene	179	ug/kg	5.7	2.9	1	04/29/23 10:55	06/05/23 10:19	120-12-7	
Benzo(a)anthracene	302	ug/kg	5.7	1.6	1	04/29/23 10:55	06/05/23 10:19	56-55-3	
Benzo(a)pyrene	234	ug/kg	5.7	3.4	1	04/29/23 10:55	06/05/23 10:19	50-32-8	
Benzo(b)fluoranthene	280	ug/kg	5.7	3.1	1	04/29/23 10:55	06/05/23 10:19	205-99-2	
Benzo(g,h,i)perylene	117	ug/kg	5.7	3.4	1	04/29/23 10:55	06/05/23 10:19	191-24-2	
Benzo(k)fluoranthene	105	ug/kg	5.7	2.6	1	04/29/23 10:55	06/05/23 10:19	207-08-9	
Chrysene	266	ug/kg	5.7	3.9	1	04/29/23 10:55	06/05/23 10:19	218-01-9	
Dibenz(a,h)anthracene	28.3	ug/kg	5.7	2.8	1	04/29/23 10:55	06/05/23 10:19	53-70-3	
Fluoranthene	684	ug/kg	5.7	4.0	1	04/29/23 10:55	06/05/23 10:19	206-44-0	
Fluorene	72.9	ug/kg	5.7	2.3	1	04/29/23 10:55	06/05/23 10:19	86-73-7	
Indeno(1,2,3-cd)pyrene	105	ug/kg	5.7	2.9	1	04/29/23 10:55	06/05/23 10:19	193-39-5	
2-Methylnaphthalene	60.0	ug/kg	5.7	5.4	1	04/29/23 10:55	06/05/23 10:19	91-57-6	
Naphthalene	53.4	ug/kg	5.7	5.2	1	04/29/23 10:55	06/05/23 10:19	91-20-3	
Phenanthrene	672	ug/kg	5.7	4.1	1	04/29/23 10:55	06/05/23 10:19	85-01-8	
Pyrene	466	ug/kg	5.7	3.9	1	04/29/23 10:55	06/05/23 10:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	04/29/23 10:55	06/05/23 10:19	321-60-8	
p-Terphenyl-d14 (S)	68	%	19-136		1	04/29/23 10:55	06/05/23 10:19	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.8	%	0.10	0.10	1		05/03/23 17:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-31 (2-4) **Lab ID: 50343166012** Collected: 04/25/23 10:33 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	9270	ug/kg	1140	188	1	06/12/23 16:54	06/13/23 12:08	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.8	%	0.10	0.10	1		05/03/23 23:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Sample: SB-32 (2-4) **Lab ID: 50343166013** Collected: 04/25/23 11:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8280	ug/kg	1070	178	1	06/12/23 16:54	06/13/23 12:11	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	97.5	ug/kg	5.6	2.2	1	04/29/23 10:55	06/05/23 10:33	83-32-9	
Acenaphthylene	26.1	ug/kg	5.6	2.1	1	04/29/23 10:55	06/05/23 10:33	208-96-8	
Anthracene	179	ug/kg	5.6	2.8	1	04/29/23 10:55	06/05/23 10:33	120-12-7	
Benzo(a)anthracene	470	ug/kg	5.6	1.6	1	04/29/23 10:55	06/05/23 10:33	56-55-3	
Benzo(a)pyrene	434	ug/kg	5.6	3.3	1	04/29/23 10:55	06/05/23 10:33	50-32-8	
Benzo(b)fluoranthene	541	ug/kg	5.6	3.1	1	04/29/23 10:55	06/05/23 10:33	205-99-2	
Benzo(g,h,i)perylene	262	ug/kg	5.6	3.3	1	04/29/23 10:55	06/05/23 10:33	191-24-2	
Benzo(k)fluoranthene	198	ug/kg	5.6	2.6	1	04/29/23 10:55	06/05/23 10:33	207-08-9	
Chrysene	464	ug/kg	5.6	3.8	1	04/29/23 10:55	06/05/23 10:33	218-01-9	
Dibenz(a,h)anthracene	57.3	ug/kg	5.6	2.7	1	04/29/23 10:55	06/05/23 10:33	53-70-3	
Fluoranthene	1060	ug/kg	5.6	3.9	1	04/29/23 10:55	06/05/23 10:33	206-44-0	
Fluorene	96.2	ug/kg	5.6	2.2	1	04/29/23 10:55	06/05/23 10:33	86-73-7	
Indeno(1,2,3-cd)pyrene	228	ug/kg	5.6	2.8	1	04/29/23 10:55	06/05/23 10:33	193-39-5	
2-Methylnaphthalene	49.3	ug/kg	5.6	5.2	1	04/29/23 10:55	06/05/23 10:33	91-57-6	
Naphthalene	105	ug/kg	5.6	5.1	1	04/29/23 10:55	06/05/23 10:33	91-20-3	
Phenanthrene	779	ug/kg	5.6	4.0	1	04/29/23 10:55	06/05/23 10:33	85-01-8	
Pyrene	767	ug/kg	5.6	3.8	1	04/29/23 10:55	06/05/23 10:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	04/29/23 10:55	06/05/23 10:33	321-60-8	
p-Terphenyl-d14 (S)	71	%	19-136		1	04/29/23 10:55	06/05/23 10:33	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.8	%	0.10	0.10	1		05/03/23 23:56		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-33 (2-4) **Lab ID: 50343166014** Collected: 04/25/23 11:27 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	2930	ug/kg	56.6	22.7	10	04/29/23 10:55	06/05/23 10:46	83-32-9	
Acenaphthylene	172	ug/kg	56.6	21.3	10	04/29/23 10:55	06/05/23 10:46	208-96-8	
Anthracene	8040	ug/kg	56.6	28.3	10	04/29/23 10:55	06/05/23 10:46	120-12-7	
Benzo(a)anthracene	22200	ug/kg	56.6	16.1	10	04/29/23 10:55	06/05/23 10:46	56-55-3	
Benzo(a)pyrene	21500	ug/kg	56.6	33.7	10	04/29/23 10:55	06/05/23 10:46	50-32-8	
Benzo(b)fluoranthene	26000	ug/kg	56.6	31.1	10	04/29/23 10:55	06/05/23 10:46	205-99-2	
Benzo(g,h,i)perylene	12700	ug/kg	56.6	33.6	10	04/29/23 10:55	06/05/23 10:46	191-24-2	
Benzo(k)fluoranthene	9660	ug/kg	56.6	26.2	10	04/29/23 10:55	06/05/23 10:46	207-08-9	
Chrysene	20300	ug/kg	56.6	38.9	10	04/29/23 10:55	06/05/23 10:46	218-01-9	
Dibenz(a,h)anthracene	3290	ug/kg	56.6	27.8	10	04/29/23 10:55	06/05/23 10:46	53-70-3	
Fluoranthene	51800	ug/kg	56.6	39.4	10	04/29/23 10:55	06/05/23 10:46	206-44-0	
Fluorene	2790	ug/kg	56.6	22.4	10	04/29/23 10:55	06/05/23 10:46	86-73-7	
Indeno(1,2,3-cd)pyrene	11100	ug/kg	56.6	28.8	10	04/29/23 10:55	06/05/23 10:46	193-39-5	
2-Methylnaphthalene	684	ug/kg	56.6	53.2	10	04/29/23 10:55	06/05/23 10:46	91-57-6	
Naphthalene	1950	ug/kg	56.6	52.1	10	04/29/23 10:55	06/05/23 10:46	91-20-3	ED
Phenanthrene	28300	ug/kg	56.6	40.7	10	04/29/23 10:55	06/05/23 10:46	85-01-8	
Pyrene	36400	ug/kg	56.6	38.8	10	04/29/23 10:55	06/05/23 10:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		10	04/29/23 10:55	06/05/23 10:46	321-60-8	
p-Terphenyl-d14 (S)	66	%	19-136		10	04/29/23 10:55	06/05/23 10:46	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.8	%	0.10	0.10	1		05/03/23 23:56		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Sample: SB-34 (2-4) **Lab ID: 50343166015** Collected: 04/25/23 11:40 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	7.4	ug/kg	5.7	2.3	1	04/29/23 10:55	06/05/23 10:59	83-32-9	
Acenaphthylene	ND	ug/kg	5.7	2.1	1	04/29/23 10:55	06/05/23 10:59	208-96-8	
Anthracene	34.1	ug/kg	5.7	2.8	1	04/29/23 10:55	06/05/23 10:59	120-12-7	
Benzo(a)anthracene	107	ug/kg	5.7	1.6	1	04/29/23 10:55	06/05/23 10:59	56-55-3	
Benzo(a)pyrene	98.0	ug/kg	5.7	3.4	1	04/29/23 10:55	06/05/23 10:59	50-32-8	
Benzo(b)fluoranthene	125	ug/kg	5.7	3.1	1	04/29/23 10:55	06/05/23 10:59	205-99-2	
Benzo(g,h,i)perylene	65.0	ug/kg	5.7	3.4	1	04/29/23 10:55	06/05/23 10:59	191-24-2	
Benzo(k)fluoranthene	44.5	ug/kg	5.7	2.6	1	04/29/23 10:55	06/05/23 10:59	207-08-9	
Chrysene	113	ug/kg	5.7	3.9	1	04/29/23 10:55	06/05/23 10:59	218-01-9	
Dibenz(a,h)anthracene	13.2	ug/kg	5.7	2.8	1	04/29/23 10:55	06/05/23 10:59	53-70-3	
Fluoranthene	233	ug/kg	5.7	3.9	1	04/29/23 10:55	06/05/23 10:59	206-44-0	
Fluorene	7.0	ug/kg	5.7	2.2	1	04/29/23 10:55	06/05/23 10:59	86-73-7	
Indeno(1,2,3-cd)pyrene	53.3	ug/kg	5.7	2.9	1	04/29/23 10:55	06/05/23 10:59	193-39-5	
2-Methylnaphthalene	10.2	ug/kg	5.7	5.3	1	04/29/23 10:55	06/05/23 10:59	91-57-6	
Naphthalene	13.5	ug/kg	5.7	5.2	1	04/29/23 10:55	06/05/23 10:59	91-20-3	
Phenanthrene	119	ug/kg	5.7	4.1	1	04/29/23 10:55	06/05/23 10:59	85-01-8	
Pyrene	179	ug/kg	5.7	3.9	1	04/29/23 10:55	06/05/23 10:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		1	04/29/23 10:55	06/05/23 10:59	321-60-8	
p-Terphenyl-d14 (S)	62	%	19-136		1	04/29/23 10:55	06/05/23 10:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.2	%	0.10	0.10	1		05/03/23 23:36		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-35 (2-4) **Lab ID: 50343166016** Collected: 04/25/23 11:43 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	10800	ug/kg	1180	195	1	06/12/23 16:54	06/13/23 12:13	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	18.6	%	0.10	0.10	1		05/04/23 00:12		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-36 (2-4) **Lab ID: 50343166017** Collected: 04/25/23 11:45 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	11.4	%	0.10	0.10	1		05/05/23 16:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
 Pace Project No.: 50343166

Sample: SB-37 (2-4) **Lab ID: 50343166018** Collected: 04/25/23 11:47 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.4	%	0.10	0.10	1		05/05/23 16:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-38 (2-4) **Lab ID: 50343166019** Collected: 04/25/23 11:53 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	6800	ug/kg	1130	187	1	06/12/23 16:54	06/13/23 12:16	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.1	%	0.10	0.10	1		05/04/23 00:12		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-39 (2-4) **Lab ID: 50343166020** Collected: 04/25/23 12:02 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	8830	ug/kg	1050	175	1	06/12/23 16:54	06/13/23 12:18	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.8	%	0.10	0.10	1		05/05/23 13:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
 Pace Project No.: 50343166

Sample: SB-40 (2-4) **Lab ID: 50343166021** Collected: 04/25/23 12:10 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.7	%	0.10	0.10	1		05/05/23 13:00		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-41 (2-4) **Lab ID: 50343166022** Collected: 04/25/23 12:16 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.7	%	0.10	0.10	1		05/05/23 16:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-42 (2-4) **Lab ID: 50343166023** Collected: 04/25/23 12:21 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	13700	ug/kg	1120	185	1	06/12/23 16:54	06/13/23 12:21	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.1	%	0.10	0.10	1		05/05/23 16:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-43 (2-4) **Lab ID: 50343166024** Collected: 04/25/23 12:25 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.8	%	0.10	0.10	1		05/05/23 16:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-44 (2-4) **Lab ID: 50343166025** Collected: 04/25/23 12:33 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.2	%	0.10	0.10	1		05/05/23 16:18		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-45 (2-4) **Lab ID: 50343166026** Collected: 04/25/23 13:30 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.2	%	0.10	0.10	1		05/05/23 16:19		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Sample: SB-46 (2-4) **Lab ID: 50343166027** Collected: 04/25/23 13:34 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10800	ug/kg	1050	174	1	06/12/23 16:54	06/13/23 12:28	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	218	ug/kg	56.9	22.9	10	04/29/23 10:55	06/05/23 11:13	83-32-9	
Acenaphthylene	82.8	ug/kg	56.9	21.4	10	04/29/23 10:55	06/05/23 11:13	208-96-8	
Anthracene	790	ug/kg	56.9	28.5	10	04/29/23 10:55	06/05/23 11:13	120-12-7	
Benzo(a)anthracene	1630	ug/kg	56.9	16.2	10	04/29/23 10:55	06/05/23 11:13	56-55-3	
Benzo(a)pyrene	1480	ug/kg	56.9	33.9	10	04/29/23 10:55	06/05/23 11:13	50-32-8	
Benzo(b)fluoranthene	1890	ug/kg	56.9	31.3	10	04/29/23 10:55	06/05/23 11:13	205-99-2	
Benzo(g,h,i)perylene	902	ug/kg	56.9	33.8	10	04/29/23 10:55	06/05/23 11:13	191-24-2	
Benzo(k)fluoranthene	688	ug/kg	56.9	26.3	10	04/29/23 10:55	06/05/23 11:13	207-08-9	
Chrysene	1740	ug/kg	56.9	39.1	10	04/29/23 10:55	06/05/23 11:13	218-01-9	
Dibenz(a,h)anthracene	177	ug/kg	56.9	28.0	10	04/29/23 10:55	06/05/23 11:13	53-70-3	
Fluoranthene	4170	ug/kg	56.9	39.6	10	04/29/23 10:55	06/05/23 11:13	206-44-0	
Fluorene	247	ug/kg	56.9	22.5	10	04/29/23 10:55	06/05/23 11:13	86-73-7	
Indeno(1,2,3-cd)pyrene	762	ug/kg	56.9	29.0	10	04/29/23 10:55	06/05/23 11:13	193-39-5	
2-Methylnaphthalene	227	ug/kg	56.9	53.5	10	04/29/23 10:55	06/05/23 11:13	91-57-6	
Naphthalene	347	ug/kg	56.9	52.4	10	04/29/23 10:55	06/05/23 11:13	91-20-3	ED
Phenanthrene	2570	ug/kg	56.9	41.0	10	04/29/23 10:55	06/05/23 11:13	85-01-8	
Pyrene	3110	ug/kg	56.9	39.1	10	04/29/23 10:55	06/05/23 11:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	23-115		10	04/29/23 10:55	06/05/23 11:13	321-60-8	
p-Terphenyl-d14 (S)	53	%	19-136		10	04/29/23 10:55	06/05/23 11:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.0	%	0.10	0.10	1		05/05/23 16:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-47 (2-4) **Lab ID: 50343166028** Collected: 04/25/23 13:40 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.6	%	0.10	0.10	1		05/05/23 16:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: SB-48 (2-4) **Lab ID: 50343166029** Collected: 04/25/23 13:45 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.0	%	0.10	0.10	1		05/05/23 16:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Sample: DUP-3 (2-4) **Lab ID: 50343166030** Collected: 04/25/23 00:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	11.5	%	0.10	0.10	1		05/05/23 16:19		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

Sample: DUP-4 (2-4) **Lab ID: 50343166031** Collected: 04/25/23 00:00 Received: 04/26/23 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/05/23 16:20		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

QC Batch: 738571 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343166004, 50343166005, 50343166011, 50343166012, 50343166013, 50343166016, 50343166019, 50343166020, 50343166023, 50343166027

METHOD BLANK: 3388676 Matrix: Solid
Associated Lab Samples: 50343166004, 50343166005, 50343166011, 50343166012, 50343166013, 50343166016, 50343166019, 50343166020, 50343166023, 50343166027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	06/13/23 11:31	
Lead	ug/kg	ND	1000	463	06/13/23 11:31	

LABORATORY CONTROL SAMPLE: 3388677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	51400	103	80-120	
Lead	ug/kg	50000	48600	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388678 3388679

Parameter	Units	50343058002		3388678		3388679		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result							
Arsenic	ug/kg	14000	54100	54200	58600	59500	82	84	75-125	1	20			
Lead	ug/kg	149000	54100	54200	511000	168000	669	35	75-125	101	20	M3, R1		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 730650

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166011, 50343166013, 50343166014, 50343166015, 50343166027

METHOD BLANK: 3353738

Matrix: Solid

Associated Lab Samples: 50343166011, 50343166013, 50343166014, 50343166015, 50343166027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 09:53	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 09:53	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 09:53	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 09:53	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 09:53	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 09:53	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 09:53	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 09:53	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 09:53	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 09:53	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 09:53	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 09:53	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 09:53	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 09:53	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 09:53	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 09:53	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 09:53	
2-Fluorobiphenyl (S)	%	74	23-115		06/05/23 09:53	
p-Terphenyl-d14 (S)	%	71	19-136		06/05/23 09:53	

LABORATORY CONTROL SAMPLE: 3353739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	500	75	52-123	
Acenaphthene	ug/kg	668	514	77	54-119	
Acenaphthylene	ug/kg	667	518	78	55-130	
Anthracene	ug/kg	667	526	79	58-120	
Benzo(a)anthracene	ug/kg	667	544	82	59-126	
Benzo(a)pyrene	ug/kg	668	547	82	58-133	
Benzo(b)fluoranthene	ug/kg	667	504	76	54-137	
Benzo(g,h,i)perylene	ug/kg	667	547	82	53-127	
Benzo(k)fluoranthene	ug/kg	667	586	88	54-126	
Chrysene	ug/kg	669	589	88	59-129	
Dibenz(a,h)anthracene	ug/kg	667	549	82	54-128	
Fluoranthene	ug/kg	668	582	87	58-137	
Fluorene	ug/kg	667	517	78	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	540	81	56-129	
Naphthalene	ug/kg	667	506	76	48-112	
Phenanthrene	ug/kg	667	535	80	57-125	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

LABORATORY CONTROL SAMPLE: 3353739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	510	76	55-133	
2-Fluorobiphenyl (S)	%.			67	23-115	
p-Terphenyl-d14 (S)	%.			65	19-136	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 731463

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166001, 50343166002, 50343166003, 50343166004, 50343166005, 50343166006, 50343166007, 50343166008, 50343166009, 50343166010, 50343166011

SAMPLE DUPLICATE: 3356629

Parameter	Units	50343165025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.4	12.3	1	5	N2

SAMPLE DUPLICATE: 3356630

Parameter	Units	50343165026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.3	0	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 731497

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166012, 50343166015

SAMPLE DUPLICATE: 3356840

Parameter	Units	50343166012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.8	13.4	5	5	N2

SAMPLE DUPLICATE: 3356841

Parameter	Units	50343166015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	12.6	3	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 731498

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166013, 50343166014

SAMPLE DUPLICATE: 3356842

Parameter	Units	50343166013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.8	14.7	1	5	N2

SAMPLE DUPLICATE: 3356843

Parameter	Units	50343166014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.8	12.7	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 731500

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166016, 50343166019

SAMPLE DUPLICATE: 3356844

Parameter	Units	50343166016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.6	18.2	3	5	N2

SAMPLE DUPLICATE: 3356845

Parameter	Units	50343166019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.1	14.2	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch: 731918

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166020, 50343166021

SAMPLE DUPLICATE: 3359180

Parameter	Units	50343166020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.8	12.6	15	5	N2,R1

SAMPLE DUPLICATE: 3359181

Parameter	Units	50343361002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.0	12.7	2	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

QC Batch:	731994	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343166017, 50343166018, 50343166022, 50343166023, 50343166024, 50343166025, 50343166026, 50343166027, 50343166028, 50343166029, 50343166030, 50343166031

SAMPLE DUPLICATE: 3359458

Parameter	Units	50343166017 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.4	11.6	2	5	N2

SAMPLE DUPLICATE: 3359459

Parameter	Units	50343166018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.4	15.2	5	5	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343166

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343166004	SB-23 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166005	SB-24 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166011	SB-30 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166012	SB-31 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166013	SB-32 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166016	SB-35 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166019	SB-38 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166020	SB-39 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166023	SB-42 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166027	SB-46 (2-4)	EPA 3050	738571	EPA 6010	738954
50343166011	SB-30 (2-4)	EPA 3546	730650	EPA 8270 by SIM	737346
50343166013	SB-32 (2-4)	EPA 3546	730650	EPA 8270 by SIM	737346
50343166014	SB-33 (2-4)	EPA 3546	730650	EPA 8270 by SIM	737346
50343166015	SB-34 (2-4)	EPA 3546	730650	EPA 8270 by SIM	737346
50343166027	SB-46 (2-4)	EPA 3546	730650	EPA 8270 by SIM	737346
50343166001	SB-20 (2-4)	SM 2540G	731463		
50343166002	SB-21 (2-4)	SM 2540G	731463		
50343166003	SB-22 (2-4)	SM 2540G	731463		
50343166004	SB-23 (2-4)	SM 2540G	731463		
50343166005	SB-24 (2-4)	SM 2540G	731463		
50343166006	SB-25 (2-4)	SM 2540G	731463		
50343166007	SB-26 (2-4)	SM 2540G	731463		
50343166008	SB-27 (2-4)	SM 2540G	731463		
50343166009	SB-28 (2-4)	SM 2540G	731463		
50343166010	SB-29 (2-4)	SM 2540G	731463		
50343166011	SB-30 (2-4)	SM 2540G	731463		
50343166012	SB-31 (2-4)	SM 2540G	731497		
50343166013	SB-32 (2-4)	SM 2540G	731498		
50343166014	SB-33 (2-4)	SM 2540G	731498		
50343166015	SB-34 (2-4)	SM 2540G	731497		
50343166016	SB-35 (2-4)	SM 2540G	731500		
50343166017	SB-36 (2-4)	SM 2540G	731994		
50343166018	SB-37 (2-4)	SM 2540G	731994		
50343166019	SB-38 (2-4)	SM 2540G	731500		
50343166020	SB-39 (2-4)	SM 2540G	731918		
50343166021	SB-40 (2-4)	SM 2540G	731918		
50343166022	SB-41 (2-4)	SM 2540G	731994		
50343166023	SB-42 (2-4)	SM 2540G	731994		
50343166024	SB-43 (2-4)	SM 2540G	731994		
50343166025	SB-44 (2-4)	SM 2540G	731994		
50343166026	SB-45 (2-4)	SM 2540G	731994		
50343166027	SB-46 (2-4)	SM 2540G	731994		
50343166028	SB-47 (2-4)	SM 2540G	731994		
50343166029	SB-48 (2-4)	SM 2540G	731994		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343166

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343166030	DUP-3 (2-4)	SM 2540G	731994		
50343166031	DUP-4 (2-4)	SM 2540G	731994		

REPORT OF LABORATORY ANALYSIS

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Company Name/Address:

ATC Group Services - Novi, MI

46555 Humboldt Drive Suite 100
Novi, MI 48377

Billing Information:

Accounts Payable
46555 Humboldt Dr., Ste.100
Novi, MI 48377

Pres
Chk

Analysis / Container / Preservative

WO#: 50343166



Chain of Custody Page 1 of 4



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:

Joshua Schuyler

Email To:

joshua.schuyler@pacelabs.com

Project Description:

100 LENOX

City/State

Collected: Detroit, MI

Please Circle:

PT MT CT ET

Phone: 248-669-5140

Client Project #

18885 23244

Lab Project #

Collected by (print):

Madelyn Haas

Site/Facility ID #

DDD-100 LENOX

P.O. #

23244

Collected by (signature):

Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Quote #

00135280

Date Results Needed

10 DAY TAT

Immediately

Packed on Ice N Y

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-19 (2-4)	GRAB	SS		4/25/23	0944	1	X	X
SB-20 (2-4)					0910			
SB-21 (2-4)					0913			
SB-22 (2-4)					0920			
SB-23 (2-4)					0925			
SB-24 (2-4)					0931			
SB-25 (2-4)					0948			
SB-26 (2-4)					0954			
SB-27 (2-4)					1000			
SB-28 (2-4)					1005			

PAA 8270 MI TALS < 330
MI 10 METALS 1010 747

SDG #

Table #

Acctnum: ATCNMI

Template:

Prelogin: Brian Hall
PM: 341 John Hawkins

PB:

Shipped Via:

Remarks Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

* H = Hold sample analysis pending totals result, pH _____ Temp _____
for 0-2' results. Extract + Hold PAA only Flow _____ Other _____

Samples returned via:

UPS FedEx Courier

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)

Date:

4/25/23

Time:

1630

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

4/26/23

Time:

0900

Received by: (Signature)

Temp:

0.8 °C

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:


Hold:

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Analysis / Container / Preservative
 Pres Chk

Chain of Custody Page 2 of 4



Indy
 MT JULIET, TN

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Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@onegas.com

Project Description:
 100 lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 1888523244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD - 100 lenox

P.O. #
 232440

Collected by (signature):
 [Signature]

Immediately Packed on Ice N Y

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 00135280

Date Results Needed
 10 DAY TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-29 (2-4)	GRAB	SS		4/25/23	1012	1
SB-30 (2-4)					1025	
SB-31 (2-4)					1033	
SB-32 (2-4)					1125	
SB-33 (2-4)					1127	
SB-34 (2-4)					1140	
SB-35 (2-4)					1143	
SB-36 (2-4)					1145	
SB-37 (2-4)					1147	
SB-38 (2-4)					1153	

PAH 8370 (MI TOL) 230
 MI 10 METALS 1010 747

SDG #

Table #

Acctnum: **ATCNMI**

Template:

Prelogin: **Brian Haas**

PM: 341

PB:

Shipped Via:

Remarks	Sample # (lab only)
	010
	011
	012
	013
	014
	015
	016
	017
	018
	019

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 *H = Hold sample analysis pending totals result for 0-2' results. Extract + Hold for PAH only

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

[Signature]

Relinquished by: (Signature)
 [Signature]

Date: 4/25/23
 Time: 1130

Received by: (Signature)
 [Signature]

Trip Blank Received: Yes / No
 HCL/MeOH
 TBR

Relinquished by: (Signature)
 [Signature]

Date: 4/26/23
 Time: 0905

Received by: (Signature)
 [Signature]

Temp: 0.8°C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: _____
 Time: _____

Received for lab by: (Signature)

Date: _____
 Time: _____

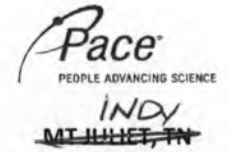
Hold: _____
 Condition: _____

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Analysis / Container / Preservative



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Report to: **JOSHUA SCHUYLER**

Email To: **joshua.schuyler@oneatlasc.com**

Project Description: **100 LENOX**

City/State Collected: **DETROIT, MI**

Please Circle: PT MT CT ET

Phone: **248-669-5140**

Client Project # **188BS23244**

Lab Project #

Collected by (print): **Madelyn Haas**

Site/Facility ID # **DDD-100 LENOX**

P.O. # **23244**

Collected by (signature): *[Signature]*

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day 10 Day (Rad Only)
 ___ Three Day

Quote # **00135280**

Date Results Needed **10 DAY TAT**

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-39 (2-4)	GRAB	SS		4/25/23	1202	2
SB-40 (2-4)					1210	
SB-41 (2-4)					1216	
SB-42 (2-4)					1221	
SB-43 (2-4)					1225	
SB-44 (2-4)					1233	
SB-45 (2-4)					1230	
SB-46 (2-4)					133A	
SB-47 (2-4)					1340	
SB-48 (2-4)					1345	

PAH 8270 (MI TOL) 2330
 MI ID METALS 6010 7471

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: **Brian Hall**
 PM: ~~John Hawkins~~
 PB:
 Shipped Via:
 Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **#H = Hold sample analysis pending totals results for 0-2' results. Extract + Hold PAH only**

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N

Relinquished by: (Signature) *[Signature]*

Date: **5/25/23**

Time: **1630**

Received by: (Signature) *[Signature]*

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature) *[Signature]*

Date: **4/26/23**

Time: **0900**

Received by: (Signature) *[Signature]*

Temp: **0.8** °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition: **Page 57 of 57k**

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Analysis / Container / Preservative



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@oneatlas.com

Project Description:
 100 Lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 10885523244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD - 100 Lenox

P.O. #
 23244

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 00013580

Immediately Packed on Ice N ___ Y

Date Results Needed
 10 DAY TAT

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

DUP-3 (2-4)	GRAB	SS		4/25/23	0000	1
DUP-4 (2-4)	GRAB	SS		4/25/23	0000	1

Analysis	Container	Preservative
PAH	8370 (MI DLG) K330	
MI 10 METALS	6010 7471	

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Bill Hall
 PM: 341 John Hawkins
 PB:
 Shipped Via:
 Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 PAH = Hold Sample analysis pending totals result for 0-2' result. Extract + Hold PAH only
 pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking #

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature) *KE*

Date: 4/26/23

Time: 0905

Received by: (Signature)

Temp: 0.5 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 52 of 57k



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: DD 4/26/23 1327

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____
2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)
3. Thermometer: 1 2 3 4 5 6 **(A)** B C D E F
4. Cooler Temperature(s): 1.0 / 0.8
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
6. Ice Type: Wet Blue None
7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less): <u>4 day</u>	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS: Did not receive SB-19(2-4) CAP 4/26/23

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFCU	MeOH (only) SBS DI R	VIALS			AMBER GLASS							PLASTIC							OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc										
			DG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black						
			HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9																															
1																																					
2	1																																				
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	ZPLC	Ziploc Bag
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	SP5T	120mL Coliform Sodium Thiosulfate
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	GN	General Container
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can (air sample)
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	WT	Water
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid Solid
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	OL:	Oil
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	NAL	Non-aqueous liquid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	WP	Wipe
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic		

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI R	VIALS											AMBER GLASS							PLASTIC							OTHER			Matrix							
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Nitric	Sulfuric	Sodium Hydroxide		Sodium Hydroxide/ZnAc						
			Red	Yellow	Green	Black																																
			HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9																																
1																																						
2																																						
3																																						
4																																						
5																																						
6																																						
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGFU	MeOH (only) SBS DI	VIALS						AMBER GLASS						PLASTIC						OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc						
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black		
			R	DG9H	VG9H	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	CG3F	Syringe Kit	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9		
1	↓																																	
2	↓																																	
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

June 16, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343366002	SB-50 (2-4)	Solid	04/26/23 09:20	04/27/23 08:55
50343366003	SB-51 (2-4)	Solid	04/26/23 09:22	04/27/23 08:55
50343366004	SB-52 (2-4)	Solid	04/26/23 09:24	04/27/23 08:55
50343366005	SB-53 (2-4)	Solid	04/26/23 09:28	04/27/23 08:55
50343366006	SB-54 (2-4)	Solid	04/26/23 09:30	04/27/23 08:55
50343366007	SB-55 (2-4)	Solid	04/26/23 09:47	04/27/23 08:55
50343366008	SB-56 (2-4)	Solid	04/26/23 09:50	04/27/23 08:55
50343366009	SB-57 (2-4)	Solid	04/26/23 09:55	04/27/23 08:55
50343366010	SB-58 (2-4)	Solid	04/26/23 09:58	04/27/23 08:55
50343366011	SB-59 (2-4)	Solid	04/26/23 10:15	04/27/23 08:55
50343366012	SB-60 (2-4)	Solid	04/26/23 10:19	04/27/23 08:55
50343366013	SB-61 (2-4)	Solid	04/26/23 10:22	04/27/23 08:55
50343366014	SB-62 (2-4)	Solid	04/26/23 10:26	04/27/23 08:55
50343366015	SB-63 (2-4)	Solid	04/26/23 10:30	04/27/23 08:55
50343366016	SB-64 (2-4)	Solid	04/26/23 10:34	04/27/23 08:55
50343366017	SB-65 (2-4)	Solid	04/26/23 10:37	04/27/23 08:55
50343366018	SB-66 (2-4)	Solid	04/26/23 10:41	04/27/23 08:55
50343366019	SB-67 (2-4)	Solid	04/26/23 10:47	04/27/23 08:55
50343366020	SB-68 (2-4)	Solid	04/26/23 11:15	04/27/23 08:55
50343366021	SB-69 (2-4)	Solid	04/26/23 11:20	04/27/23 08:55
50343366022	SB-70 (2-4)	Solid	04/26/23 11:23	04/27/23 08:55
50343366023	SB-71 (2-4)	Solid	04/26/23 11:26	04/27/23 08:55
50343366024	SB-72 (2-4)	Solid	04/26/23 11:29	04/27/23 08:55
50343366025	SB-73 (2-4)	Solid	04/26/23 11:31	04/27/23 08:55
50343366026	SB-74 (2-4)	Solid	04/26/23 11:37	04/27/23 08:55
50343366027	SB-75 (2-4)	Solid	04/26/23 11:43	04/27/23 08:55
50343366028	SB-76 (2-4)	Solid	04/26/23 11:52	04/27/23 08:55
50343366029	SB-77 (2-4)	Solid	04/26/23 11:57	04/27/23 08:55
50343366030	SB-78 (2-4)	Solid	04/26/23 13:49	04/27/23 08:55
50343366031	SB-79 (2-4)	Solid	04/26/23 13:07	04/27/23 08:55
50343366032	SB-80 (2-4)	Solid	04/26/23 13:19	04/27/23 08:55
50343366033	SB-81 (2-4)	Solid	04/26/23 13:22	04/27/23 08:55
50343366034	SB-82 (2-4)	Solid	04/26/23 13:28	04/27/23 08:55
50343366035	SB-83 (2-4)	Solid	04/26/23 13:31	04/27/23 08:55
50343366036	SB-84 (2-4)	Solid	04/26/23 13:47	04/27/23 08:55
50343366037	SB-85 (2-4)	Solid	04/26/23 13:55	04/27/23 08:55
50343366038	SB-86 (2-4)	Solid	04/26/23 14:03	04/27/23 08:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343366039	DUP-5 (2-4)	Solid	04/26/23 00:00	04/27/23 08:55
50343366040	DUP-6 (2-4)	Solid	04/26/23 00:00	04/27/23 08:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343366002	SB-50 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366003	SB-51 (2-4)	SM 2540G	OAS	1	PASI-I
50343366004	SB-52 (2-4)	SM 2540G	OAS	1	PASI-I
50343366005	SB-53 (2-4)	SM 2540G	OAS	1	PASI-I
50343366006	SB-54 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366007	SB-55 (2-4)	SM 2540G	OAS	1	PASI-I
50343366008	SB-56 (2-4)	SM 2540G	OAS	1	PASI-I
50343366009	SB-57 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366010	SB-58 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 6020	MGM	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366011	SB-59 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366012	SB-60 (2-4)	SM 2540G	OAS	1	PASI-I
50343366013	SB-61 (2-4)	SM 2540G	OAS	1	PASI-I
50343366014	SB-62 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343366015	SB-63 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366016	SB-64 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366017	SB-65 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366018	SB-66 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366019	SB-67 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366020	SB-68 (2-4)	SM 2540G	OAS	1	PASI-I
50343366021	SB-69 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366022	SB-70 (2-4)	SM 2540G	OAS	1	PASI-I
50343366023	SB-71 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343366024	SB-72 (2-4)	EPA 6010	DJS	2	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366025	SB-73 (2-4)	EPA 6010	DJS	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343366026	SB-74 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366027	SB-75 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366028	SB-76 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	2	PASI-I
50343366029	SB-77 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	1	PASI-I
50343366030	SB-78 (2-4)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366031	SB-79 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366032	SB-80 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366033	SB-81 (2-4)	EPA 6010	DJS	1	PASI-I
		SM 2540G	OAS	1	PASI-I
50343366034	SB-82 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343366035	SB-83 (2-4)	SM 2540G	OAS	1	PASI-I
		EPA 6010	DJS	2	PASI-I
50343366036	SB-84 (2-4)	SM 2540G	OAS	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343366037	SB-85 (2-4)	EPA 6010	DJS	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343366038	SB-86 (2-4)	EPA 6010	DJS	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50343366039	DUP-5 (2-4)	SM 2540G	QAK	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343366040	DUP-6 (2-4)	SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: **SB-50 (2-4)** Lab ID: **50343366002** Collected: 04/26/23 09:20 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	239	ug/kg	57.1	22.9	10	05/02/23 12:58	06/05/23 11:53	83-32-9	
Acenaphthylene	139	ug/kg	57.1	21.5	10	05/02/23 12:58	06/05/23 11:53	208-96-8	
Anthracene	1090	ug/kg	57.1	28.6	10	05/02/23 12:58	06/05/23 11:53	120-12-7	
Benzo(a)anthracene	2980	ug/kg	57.1	16.2	10	05/02/23 12:58	06/05/23 11:53	56-55-3	
Benzo(a)pyrene	3280	ug/kg	57.1	34.0	10	05/02/23 12:58	06/05/23 11:53	50-32-8	
Benzo(b)fluoranthene	4040	ug/kg	57.1	31.4	10	05/02/23 12:58	06/05/23 11:53	205-99-2	
Benzo(g,h,i)perylene	2690	ug/kg	57.1	33.9	10	05/02/23 12:58	06/05/23 11:53	191-24-2	
Benzo(k)fluoranthene	1310	ug/kg	57.1	26.4	10	05/02/23 12:58	06/05/23 11:53	207-08-9	
Chrysene	3400	ug/kg	57.1	39.2	10	05/02/23 12:58	06/05/23 11:53	218-01-9	
Dibenz(a,h)anthracene	860	ug/kg	57.1	28.1	10	05/02/23 12:58	06/05/23 11:53	53-70-3	
Fluoranthene	6210	ug/kg	57.1	39.8	10	05/02/23 12:58	06/05/23 11:53	206-44-0	
Fluorene	396	ug/kg	57.1	22.6	10	05/02/23 12:58	06/05/23 11:53	86-73-7	
Indeno(1,2,3-cd)pyrene	1980	ug/kg	57.1	29.1	10	05/02/23 12:58	06/05/23 11:53	193-39-5	
2-Methylnaphthalene	322	ug/kg	57.1	53.7	10	05/02/23 12:58	06/05/23 11:53	91-57-6	
Naphthalene	621	ug/kg	57.1	52.5	10	05/02/23 12:58	06/05/23 11:53	91-20-3	ED
Phenanthrene	3570	ug/kg	57.1	41.1	10	05/02/23 12:58	06/05/23 11:53	85-01-8	
Pyrene	4600	ug/kg	57.1	39.2	10	05/02/23 12:58	06/05/23 11:53	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	41	%	23-115		10	05/02/23 12:58	06/05/23 11:53	321-60-8	
p-Terphenyl-d14 (S)	38	%	19-136		10	05/02/23 12:58	06/05/23 11:53	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.9	%	0.10	0.10	1		05/05/23 21:34		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-51 (2-4) **Lab ID: 50343366003** Collected: 04/26/23 09:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	18.7	%	0.10	0.10	1		05/05/23 21:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-52 (2-4) **Lab ID: 50343366004** Collected: 04/26/23 09:24 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	15.3	%	0.10	0.10	1		05/05/23 21:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-53 (2-4) **Lab ID: 50343366005** Collected: 04/26/23 09:28 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	21.0	%	0.10	0.10	1		05/05/23 21:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-54 (2-4) **Lab ID: 50343366006** Collected: 04/26/23 09:30 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	404	ug/kg	54.5	21.9	10	05/02/23 12:58	06/05/23 12:06	83-32-9	
Acenaphthylene	73.4	ug/kg	54.5	20.5	10	05/02/23 12:58	06/05/23 12:06	208-96-8	
Anthracene	1780	ug/kg	54.5	27.3	10	05/02/23 12:58	06/05/23 12:06	120-12-7	
Benzo(a)anthracene	7020	ug/kg	54.5	15.5	10	05/02/23 12:58	06/05/23 12:06	56-55-3	
Benzo(a)pyrene	7200	ug/kg	54.5	32.4	10	05/02/23 12:58	06/05/23 12:06	50-32-8	
Benzo(b)fluoranthene	8590	ug/kg	54.5	30.0	10	05/02/23 12:58	06/05/23 12:06	205-99-2	
Benzo(g,h,i)perylene	4220	ug/kg	54.5	32.3	10	05/02/23 12:58	06/05/23 12:06	191-24-2	
Benzo(k)fluoranthene	2980	ug/kg	54.5	25.2	10	05/02/23 12:58	06/05/23 12:06	207-08-9	
Chrysene	6680	ug/kg	54.5	37.4	10	05/02/23 12:58	06/05/23 12:06	218-01-9	
Dibenz(a,h)anthracene	865	ug/kg	54.5	26.8	10	05/02/23 12:58	06/05/23 12:06	53-70-3	
Fluoranthene	15500	ug/kg	54.5	38.0	10	05/02/23 12:58	06/05/23 12:06	206-44-0	
Fluorene	343	ug/kg	54.5	21.5	10	05/02/23 12:58	06/05/23 12:06	86-73-7	
Indeno(1,2,3-cd)pyrene	3820	ug/kg	54.5	27.8	10	05/02/23 12:58	06/05/23 12:06	193-39-5	
2-Methylnaphthalene	169	ug/kg	54.5	51.2	10	05/02/23 12:58	06/05/23 12:06	91-57-6	
Naphthalene	204	ug/kg	54.5	50.1	10	05/02/23 12:58	06/05/23 12:06	91-20-3	ED
Phenanthrene	5430	ug/kg	54.5	39.2	10	05/02/23 12:58	06/05/23 12:06	85-01-8	
Pyrene	11800	ug/kg	54.5	37.4	10	05/02/23 12:58	06/05/23 12:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	23-115		10	05/02/23 12:58	06/05/23 12:06	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		10	05/02/23 12:58	06/05/23 12:06	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		05/05/23 21:35		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-55 (2-4) **Lab ID: 50343366007** Collected: 04/26/23 09:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.9	%	0.10	0.10	1		05/05/23 21:35		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-56 (2-4) **Lab ID: 50343366008** Collected: 04/26/23 09:50 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.8	%	0.10	0.10	1		05/05/23 21:35		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-57 (2-4) **Lab ID: 50343366009** Collected: 04/26/23 09:55 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	6910	ug/kg	1050	175	1	06/12/23 16:54	06/13/23 12:31	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.2	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-58 (2-4) **Lab ID: 50343366010** Collected: 04/26/23 09:58 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	8670	ug/kg	1000	167	1	06/12/23 16:54	06/13/23 12:33	7440-38-2	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3050B Pace Analytical Services - Indianapolis								
Cadmium	0.80	mg/kg	0.055	0.025	1	06/10/23 08:20	06/14/23 21:17	7440-43-9	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	13.0	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-59 (2-4) **Lab ID: 50343366011** Collected: 04/26/23 10:15 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11600	ug/kg	1100	183	1	06/12/23 16:54	06/13/23 12:36	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	20.6	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-60 (2-4) **Lab ID: 50343366012** Collected: 04/26/23 10:19 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.5	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-61 (2-4) **Lab ID: 50343366013** Collected: 04/26/23 10:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.9	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-62 (2-4) **Lab ID: 50343366014** Collected: 04/26/23 10:26 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9080	ug/kg	1100	183	1	06/12/23 16:54	06/13/23 12:38	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.6	2.3	1	05/02/23 12:58	06/05/23 12:19	83-32-9	
Acenaphthylene	ND	ug/kg	5.6	2.1	1	05/02/23 12:58	06/05/23 12:19	208-96-8	
Anthracene	ND	ug/kg	5.6	2.8	1	05/02/23 12:58	06/05/23 12:19	120-12-7	
Benzo(a)anthracene	4.9J	ug/kg	5.6	1.6	1	05/02/23 12:58	06/05/23 12:19	56-55-3	
Benzo(a)pyrene	6.9	ug/kg	5.6	3.4	1	05/02/23 12:58	06/05/23 12:19	50-32-8	
Benzo(b)fluoranthene	12.3	ug/kg	5.6	3.1	1	05/02/23 12:58	06/05/23 12:19	205-99-2	
Benzo(g,h,i)perylene	9.8	ug/kg	5.6	3.3	1	05/02/23 12:58	06/05/23 12:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	2.6	1	05/02/23 12:58	06/05/23 12:19	207-08-9	
Chrysene	11.3	ug/kg	5.6	3.9	1	05/02/23 12:58	06/05/23 12:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	2.8	1	05/02/23 12:58	06/05/23 12:19	53-70-3	
Fluoranthene	12.5	ug/kg	5.6	3.9	1	05/02/23 12:58	06/05/23 12:19	206-44-0	
Fluorene	ND	ug/kg	5.6	2.2	1	05/02/23 12:58	06/05/23 12:19	86-73-7	
Indeno(1,2,3-cd)pyrene	4.6J	ug/kg	5.6	2.9	1	05/02/23 12:58	06/05/23 12:19	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.6	5.3	1	05/02/23 12:58	06/05/23 12:19	91-57-6	
Naphthalene	ND	ug/kg	5.6	5.2	1	05/02/23 12:58	06/05/23 12:19	91-20-3	
Phenanthrene	12.4	ug/kg	5.6	4.1	1	05/02/23 12:58	06/05/23 12:19	85-01-8	
Pyrene	11.7	ug/kg	5.6	3.9	1	05/02/23 12:58	06/05/23 12:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	23-115		1	05/02/23 12:58	06/05/23 12:19	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		1	05/02/23 12:58	06/05/23 12:19	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		05/05/23 21:35		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-63 (2-4) **Lab ID: 50343366015** Collected: 04/26/23 10:30 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	9360	ug/kg	1020	170	1	06/12/23 17:02	06/13/23 12:46	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	12.1	%	0.10	0.10	1		05/05/23 21:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-64 (2-4) **Lab ID: 50343366016** Collected: 04/26/23 10:34 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	11700	ug/kg	1110	184	1	06/12/23 17:02	06/13/23 13:11	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	19.7	%	0.10	0.10	1		05/05/23 21:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-65 (2-4) **Lab ID: 50343366017** Collected: 04/26/23 10:37 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	9700	ug/kg	1050	175	1	06/12/23 17:02	06/13/23 13:13	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-66 (2-4) **Lab ID: 50343366018** Collected: 04/26/23 10:41 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	4940	ug/kg	1150	191	1	06/12/23 17:02	06/13/23 13:16	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.9	2.4	1	05/02/23 12:58	06/05/23 12:33	83-32-9	
Acenaphthylene	ND	ug/kg	5.9	2.2	1	05/02/23 12:58	06/05/23 12:33	208-96-8	
Anthracene	9.2	ug/kg	5.9	2.9	1	05/02/23 12:58	06/05/23 12:33	120-12-7	
Benzo(a)anthracene	26.9	ug/kg	5.9	1.7	1	05/02/23 12:58	06/05/23 12:33	56-55-3	
Benzo(a)pyrene	25.0	ug/kg	5.9	3.5	1	05/02/23 12:58	06/05/23 12:33	50-32-8	
Benzo(b)fluoranthene	40.6	ug/kg	5.9	3.2	1	05/02/23 12:58	06/05/23 12:33	205-99-2	
Benzo(g,h,i)perylene	19.1	ug/kg	5.9	3.5	1	05/02/23 12:58	06/05/23 12:33	191-24-2	
Benzo(k)fluoranthene	10.7	ug/kg	5.9	2.7	1	05/02/23 12:58	06/05/23 12:33	207-08-9	
Chrysene	35.6	ug/kg	5.9	4.0	1	05/02/23 12:58	06/05/23 12:33	218-01-9	
Dibenz(a,h)anthracene	5.4J	ug/kg	5.9	2.9	1	05/02/23 12:58	06/05/23 12:33	53-70-3	
Fluoranthene	62.4	ug/kg	5.9	4.1	1	05/02/23 12:58	06/05/23 12:33	206-44-0	
Fluorene	ND	ug/kg	5.9	2.3	1	05/02/23 12:58	06/05/23 12:33	86-73-7	
Indeno(1,2,3-cd)pyrene	15.6	ug/kg	5.9	3.0	1	05/02/23 12:58	06/05/23 12:33	193-39-5	
2-Methylnaphthalene	41.6	ug/kg	5.9	5.5	1	05/02/23 12:58	06/05/23 12:33	91-57-6	
Naphthalene	33.5	ug/kg	5.9	5.4	1	05/02/23 12:58	06/05/23 12:33	91-20-3	
Phenanthrene	50.5	ug/kg	5.9	4.2	1	05/02/23 12:58	06/05/23 12:33	85-01-8	
Pyrene	47.1	ug/kg	5.9	4.0	1	05/02/23 12:58	06/05/23 12:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	05/02/23 12:58	06/05/23 12:33	321-60-8	
p-Terphenyl-d14 (S)	67	%	19-136		1	05/02/23 12:58	06/05/23 12:33	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.4	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-67 (2-4) **Lab ID: 50343366019** Collected: 04/26/23 10:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.8	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-68 (2-4) **Lab ID: 50343366020** Collected: 04/26/23 11:15 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.0	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-69 (2-4) **Lab ID: 50343366021** Collected: 04/26/23 11:20 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	7810	ug/kg	1070	178	1	06/12/23 17:02	06/13/23 13:18	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-70 (2-4) **Lab ID: 50343366022** Collected: 04/26/23 11:23 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.9	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-71 (2-4) **Lab ID: 50343366023** Collected: 04/26/23 11:26 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	11700	ug/kg	1140	190	1	06/12/23 17:02	06/13/23 13:26	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	15.9	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-72 (2-4) **Lab ID: 50343366024** Collected: 04/26/23 11:29 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	18800	ug/kg	1160	192	1	06/12/23 17:02	06/13/23 13:29	7440-38-2	
Lead	440000	ug/kg	1160	536	1	06/12/23 17:02	06/13/23 13:29	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	20.8	%	0.10	0.10	1		05/05/23 21:39		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-73 (2-4) **Lab ID: 50343366025** Collected: 04/26/23 11:31 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	14600	ug/kg	1130	188	1	06/12/23 17:02	06/13/23 13:31	7440-38-2	
Lead	817000	ug/kg	1130	525	1	06/12/23 17:02	06/13/23 13:31	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	178	ug/kg	5.6	2.3	1	05/02/23 15:49	06/05/23 13:12	83-32-9	
Acenaphthylene	127	ug/kg	5.6	2.1	1	05/02/23 15:49	06/05/23 13:12	208-96-8	
Anthracene	429	ug/kg	5.6	2.8	1	05/02/23 15:49	06/05/23 13:12	120-12-7	
Benzo(a)anthracene	1060	ug/kg	5.6	1.6	1	05/02/23 15:49	06/05/23 13:12	56-55-3	
Benzo(a)pyrene	844	ug/kg	5.6	3.3	1	05/02/23 15:49	06/05/23 13:12	50-32-8	
Benzo(b)fluoranthene	1210	ug/kg	5.6	3.1	1	05/02/23 15:49	06/05/23 13:12	205-99-2	
Benzo(g,h,i)perylene	519	ug/kg	5.6	3.3	1	05/02/23 15:49	06/05/23 13:12	191-24-2	
Benzo(k)fluoranthene	421	ug/kg	5.6	2.6	1	05/02/23 15:49	06/05/23 13:12	207-08-9	
Chrysene	1030	ug/kg	5.6	3.8	1	05/02/23 15:49	06/05/23 13:12	218-01-9	
Dibenz(a,h)anthracene	127	ug/kg	5.6	2.8	1	05/02/23 15:49	06/05/23 13:12	53-70-3	
Fluoranthene	2400	ug/kg	5.6	3.9	1	05/02/23 15:49	06/05/23 13:12	206-44-0	
Fluorene	238	ug/kg	5.6	2.2	1	05/02/23 15:49	06/05/23 13:12	86-73-7	
Indeno(1,2,3-cd)pyrene	455	ug/kg	5.6	2.9	1	05/02/23 15:49	06/05/23 13:12	193-39-5	
2-Methylnaphthalene	679	ug/kg	5.6	5.3	1	05/02/23 15:49	06/05/23 13:12	91-57-6	
Naphthalene	650	ug/kg	5.6	5.2	1	05/02/23 15:49	06/05/23 13:12	91-20-3	
Phenanthrene	2240	ug/kg	5.6	4.0	1	05/02/23 15:49	06/05/23 13:12	85-01-8	
Pyrene	1900	ug/kg	5.6	3.8	1	05/02/23 15:49	06/05/23 13:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	23-115		1	05/02/23 15:49	06/05/23 13:12	321-60-8	
p-Terphenyl-d14 (S)	67	%	19-136		1	05/02/23 15:49	06/05/23 13:12	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.6	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-74 (2-4) **Lab ID: 50343366026** Collected: 04/26/23 11:37 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	13400	ug/kg	1190	198	1	06/12/23 17:02	06/13/23 13:34	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	24.1	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-75 (2-4) **Lab ID: 50343366027** Collected: 04/26/23 11:43 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	7920	ug/kg	1140	190	1	06/12/23 17:02	06/13/23 13:36	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	17.2	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-76 (2-4) **Lab ID: 50343366028** Collected: 04/26/23 11:52 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11400	ug/kg	1180	196	1	06/12/23 17:02	06/13/23 13:39	7440-38-2	
Lead	373000	ug/kg	1180	547	1	06/12/23 17:02	06/13/23 13:39	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	22.2	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-77 (2-4) **Lab ID: 50343366029** Collected: 04/26/23 11:57 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5760	ug/kg	1020	169	1	06/12/23 17:02	06/13/23 13:41	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	9.1	ug/kg	5.6	2.2	1	05/02/23 15:49	06/05/23 13:26	83-32-9	
Acenaphthylene	11.2	ug/kg	5.6	2.1	1	05/02/23 15:49	06/05/23 13:26	208-96-8	
Anthracene	21.2	ug/kg	5.6	2.8	1	05/02/23 15:49	06/05/23 13:26	120-12-7	
Benzo(a)anthracene	96.6	ug/kg	5.6	1.6	1	05/02/23 15:49	06/05/23 13:26	56-55-3	
Benzo(a)pyrene	96.4	ug/kg	5.6	3.3	1	05/02/23 15:49	06/05/23 13:26	50-32-8	
Benzo(b)fluoranthene	126	ug/kg	5.6	3.1	1	05/02/23 15:49	06/05/23 13:26	205-99-2	
Benzo(g,h,i)perylene	59.7	ug/kg	5.6	3.3	1	05/02/23 15:49	06/05/23 13:26	191-24-2	
Benzo(k)fluoranthene	43.1	ug/kg	5.6	2.6	1	05/02/23 15:49	06/05/23 13:26	207-08-9	
Chrysene	110	ug/kg	5.6	3.8	1	05/02/23 15:49	06/05/23 13:26	218-01-9	
Dibenz(a,h)anthracene	16.6	ug/kg	5.6	2.7	1	05/02/23 15:49	06/05/23 13:26	53-70-3	
Fluoranthene	236	ug/kg	5.6	3.9	1	05/02/23 15:49	06/05/23 13:26	206-44-0	
Fluorene	14.0	ug/kg	5.6	2.2	1	05/02/23 15:49	06/05/23 13:26	86-73-7	
Indeno(1,2,3-cd)pyrene	54.6	ug/kg	5.6	2.8	1	05/02/23 15:49	06/05/23 13:26	193-39-5	
2-Methylnaphthalene	23.9	ug/kg	5.6	5.3	1	05/02/23 15:49	06/05/23 13:26	91-57-6	
Naphthalene	21.7	ug/kg	5.6	5.1	1	05/02/23 15:49	06/05/23 13:26	91-20-3	
Phenanthrene	170	ug/kg	5.6	4.0	1	05/02/23 15:49	06/05/23 13:26	85-01-8	
Pyrene	184	ug/kg	5.6	3.8	1	05/02/23 15:49	06/05/23 13:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	23-115		1	05/02/23 15:49	06/05/23 13:26	321-60-8	
p-Terphenyl-d14 (S)	72	%	19-136		1	05/02/23 15:49	06/05/23 13:26	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.5	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-78 (2-4) **Lab ID: 50343366030** Collected: 04/26/23 13:49 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	7250	ug/kg	1080	180	1	06/12/23 17:02	06/13/23 13:43	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	13.9	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-79 (2-4) **Lab ID: 50343366031** Collected: 04/26/23 13:07 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	9840	ug/kg	1050	174	1	06/12/23 17:02	06/13/23 13:46	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.1	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-80 (2-4) **Lab ID: 50343366032** Collected: 04/26/23 13:19 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	10100	ug/kg	1000	166	1	06/12/23 17:02	06/13/23 13:48	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.7	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Sample: SB-81 (2-4) **Lab ID: 50343366033** Collected: 04/26/23 13:22 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	10600	ug/kg	1100	182	1	06/12/23 17:02	06/13/23 14:01	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	13.2	%	0.10	0.10	1		05/05/23 21:40		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-82 (2-4) **Lab ID: 50343366034** Collected: 04/26/23 13:28 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	12600	ug/kg	1050	174	1	06/12/23 17:02	06/13/23 14:04	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	60.9	ug/kg	5.8	2.3	1	05/02/23 15:49	06/05/23 13:39	83-32-9	
Acenaphthylene	27.6	ug/kg	5.8	2.2	1	05/02/23 15:49	06/05/23 13:39	208-96-8	
Anthracene	246	ug/kg	5.8	2.9	1	05/02/23 15:49	06/05/23 13:39	120-12-7	
Benzo(a)anthracene	947	ug/kg	5.8	1.7	1	05/02/23 15:49	06/05/23 13:39	56-55-3	
Benzo(a)pyrene	857	ug/kg	5.8	3.5	1	05/02/23 15:49	06/05/23 13:39	50-32-8	
Benzo(b)fluoranthene	1100	ug/kg	5.8	3.2	1	05/02/23 15:49	06/05/23 13:39	205-99-2	
Benzo(g,h,i)perylene	485	ug/kg	5.8	3.4	1	05/02/23 15:49	06/05/23 13:39	191-24-2	
Benzo(k)fluoranthene	406	ug/kg	5.8	2.7	1	05/02/23 15:49	06/05/23 13:39	207-08-9	
Chrysene	932	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:39	218-01-9	
Dibenz(a,h)anthracene	134	ug/kg	5.8	2.9	1	05/02/23 15:49	06/05/23 13:39	53-70-3	
Fluoranthene	2160	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:39	206-44-0	
Fluorene	65.5	ug/kg	5.8	2.3	1	05/02/23 15:49	06/05/23 13:39	86-73-7	
Indeno(1,2,3-cd)pyrene	443	ug/kg	5.8	3.0	1	05/02/23 15:49	06/05/23 13:39	193-39-5	
2-Methylnaphthalene	52.8	ug/kg	5.8	5.5	1	05/02/23 15:49	06/05/23 13:39	91-57-6	
Naphthalene	41.6	ug/kg	5.8	5.3	1	05/02/23 15:49	06/05/23 13:39	91-20-3	
Phenanthrene	1160	ug/kg	5.8	4.2	1	05/02/23 15:49	06/05/23 13:39	85-01-8	
Pyrene	1650	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	05/02/23 15:49	06/05/23 13:39	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	05/02/23 15:49	06/05/23 13:39	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.6	%	0.10	0.10	1		05/05/23 21:41		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-83 (2-4) **Lab ID: 50343366035** Collected: 04/26/23 13:31 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11900	ug/kg	997	165	1	06/12/23 17:02	06/13/23 14:06	7440-38-2	
Lead	2710000	ug/kg	997	461	1	06/12/23 17:02	06/13/23 14:06	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.2	%	0.10	0.10	1		05/05/23 21:36		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
 Pace Project No.: 50343366

Sample: SB-84 (2-4) **Lab ID: 50343366036** Collected: 04/26/23 13:47 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	23.1	%	0.10	0.10	1		05/07/23 13:37		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-85 (2-4) **Lab ID: 50343366037** Collected: 04/26/23 13:55 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5040	ug/kg	1180	195	1	06/12/23 17:02	06/13/23 14:09	7440-38-2	
Lead	29100	ug/kg	1180	545	1	06/12/23 17:02	06/13/23 14:09	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.1	%	0.10	0.10	1		05/07/23 13:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: SB-86 (2-4) **Lab ID: 50343366038** Collected: 04/26/23 14:03 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3830	ug/kg	1110	185	1	06/12/23 17:02	06/13/23 14:11	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	36.7	ug/kg	5.8	2.3	1	05/02/23 15:49	06/05/23 13:52	83-32-9	
Acenaphthylene	6.4	ug/kg	5.8	2.2	1	05/02/23 15:49	06/05/23 13:52	208-96-8	
Anthracene	142	ug/kg	5.8	2.9	1	05/02/23 15:49	06/05/23 13:52	120-12-7	
Benzo(a)anthracene	356	ug/kg	5.8	1.7	1	05/02/23 15:49	06/05/23 13:52	56-55-3	
Benzo(a)pyrene	289	ug/kg	5.8	3.5	1	05/02/23 15:49	06/05/23 13:52	50-32-8	
Benzo(b)fluoranthene	342	ug/kg	5.8	3.2	1	05/02/23 15:49	06/05/23 13:52	205-99-2	
Benzo(g,h,i)perylene	154	ug/kg	5.8	3.4	1	05/02/23 15:49	06/05/23 13:52	191-24-2	
Benzo(k)fluoranthene	117	ug/kg	5.8	2.7	1	05/02/23 15:49	06/05/23 13:52	207-08-9	
Chrysene	331	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:52	218-01-9	
Dibenz(a,h)anthracene	33.4	ug/kg	5.8	2.9	1	05/02/23 15:49	06/05/23 13:52	53-70-3	
Fluoranthene	838	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:52	206-44-0	
Fluorene	37.7	ug/kg	5.8	2.3	1	05/02/23 15:49	06/05/23 13:52	86-73-7	
Indeno(1,2,3-cd)pyrene	136	ug/kg	5.8	3.0	1	05/02/23 15:49	06/05/23 13:52	193-39-5	
2-Methylnaphthalene	5.8	ug/kg	5.8	5.5	1	05/02/23 15:49	06/05/23 13:52	91-57-6	
Naphthalene	6.9	ug/kg	5.8	5.3	1	05/02/23 15:49	06/05/23 13:52	91-20-3	
Phenanthrene	515	ug/kg	5.8	4.2	1	05/02/23 15:49	06/05/23 13:52	85-01-8	
Pyrene	784	ug/kg	5.8	4.0	1	05/02/23 15:49	06/05/23 13:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	23-115		1	05/02/23 15:49	06/05/23 13:52	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		1	05/02/23 15:49	06/05/23 13:52	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.8	%	0.10	0.10	1		05/07/23 13:38		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: DUP-5 (2-4) **Lab ID: 50343366039** Collected: 04/26/23 00:00 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.3	%	0.10	0.10	1		05/07/23 14:23		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

Sample: DUP-6 (2-4) **Lab ID: 50343366040** Collected: 04/26/23 00:00 Received: 04/27/23 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.0	%	0.10	0.10	1		05/07/23 14:23		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

QC Batch: 738571 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343366009, 50343366010, 50343366011, 50343366014

METHOD BLANK: 3388676 Matrix: Solid
Associated Lab Samples: 50343366009, 50343366010, 50343366011, 50343366014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	06/13/23 11:31	

LABORATORY CONTROL SAMPLE: 3388677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	51400	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388678 3388679

Parameter	Units	50343058002		3388679		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	ug/kg	14000	54100	54200	58600	59500	82	84	75-125	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch:	738572	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366015, 50343366016, 50343366017, 50343366018, 50343366021, 50343366023, 50343366024, 50343366025, 50343366026, 50343366027, 50343366028, 50343366029, 50343366030, 50343366031, 50343366032, 50343366033, 50343366034, 50343366035, 50343366037, 50343366038

METHOD BLANK: 3388680 Matrix: Solid

Associated Lab Samples: 50343366015, 50343366016, 50343366017, 50343366018, 50343366021, 50343366023, 50343366024, 50343366025, 50343366026, 50343366027, 50343366028, 50343366029, 50343366030, 50343366031, 50343366032, 50343366033, 50343366034, 50343366035, 50343366037, 50343366038

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	06/13/23 12:41	
Lead	ug/kg	ND	1000	463	06/13/23 12:41	

LABORATORY CONTROL SAMPLE: 3388681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	51300	103	80-120	
Lead	ug/kg	50000	48200	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388682 3388683

Parameter	Units	50343366015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	9360	52300	53800	56600	57200	90	89	75-125	1	20	
Lead	ug/kg	6840	52300	53800	47000	47300	77	75	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch: 738365

Analysis Method: EPA 6020

QC Batch Method: EPA 3050B

Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366010

METHOD BLANK: 3387529

Matrix: Solid

Associated Lab Samples: 50343366010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/kg	ND	0.050	0.023	06/14/23 17:31	

LABORATORY CONTROL SAMPLE: 3387530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/kg	4	4.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3387531 3387532

Parameter	Units	50346643001		3387531		3387532		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Cadmium	mg/kg	28.8	4.5	4.5	28.8	62.4	-1	75-125	74	20	P6,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

QC Batch: 731035 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366002, 50343366006, 50343366014, 50343366018

METHOD BLANK: 3354963 Matrix: Solid
Associated Lab Samples: 50343366002, 50343366006, 50343366014, 50343366018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 11:26	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 11:26	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 11:26	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 11:26	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 11:26	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 11:26	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 11:26	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 11:26	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 11:26	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 11:26	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 11:26	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 11:26	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 11:26	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 11:26	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 11:26	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 11:26	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 11:26	
2-Fluorobiphenyl (S)	%	66	23-115		06/05/23 11:26	
p-Terphenyl-d14 (S)	%	69	19-136		06/05/23 11:26	

LABORATORY CONTROL SAMPLE: 3354964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	655	98	52-123	
Acenaphthene	ug/kg	668	683	102	54-119	
Acenaphthylene	ug/kg	667	686	103	55-130	
Anthracene	ug/kg	667	711	107	58-120	
Benzo(a)anthracene	ug/kg	667	753	113	59-126	
Benzo(a)pyrene	ug/kg	668	752	113	58-133	
Benzo(b)fluoranthene	ug/kg	667	706	106	54-137	
Benzo(g,h,i)perylene	ug/kg	667	731	110	53-127	
Benzo(k)fluoranthene	ug/kg	667	775	116	54-126	
Chrysene	ug/kg	669	783	117	59-129	
Dibenz(a,h)anthracene	ug/kg	667	743	111	54-128	
Fluoranthene	ug/kg	668	804	120	58-137	
Fluorene	ug/kg	667	714	107	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	733	110	56-129	
Naphthalene	ug/kg	667	659	99	48-112	
Phenanthrene	ug/kg	667	727	109	57-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

LABORATORY CONTROL SAMPLE: 3354964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	710	106	55-133	
2-Fluorobiphenyl (S)	%.			79	23-115	
p-Terphenyl-d14 (S)	%.			81	19-136	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch: 731111

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366025, 50343366029, 50343366034, 50343366038

METHOD BLANK: 3355230

Matrix: Solid

Associated Lab Samples: 50343366025, 50343366029, 50343366034, 50343366038

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 12:46	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 12:46	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 12:46	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 12:46	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 12:46	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 12:46	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 12:46	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 12:46	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 12:46	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 12:46	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 12:46	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 12:46	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 12:46	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 12:46	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 12:46	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 12:46	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 12:46	
2-Fluorobiphenyl (S)	%	68	23-115		06/05/23 12:46	
p-Terphenyl-d14 (S)	%	76	19-136		06/05/23 12:46	

LABORATORY CONTROL SAMPLE: 3355231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	563	85	52-123	
Acenaphthene	ug/kg	668	573	86	54-119	
Acenaphthylene	ug/kg	667	583	87	55-130	
Anthracene	ug/kg	667	582	87	58-120	
Benzo(a)anthracene	ug/kg	667	618	93	59-126	
Benzo(a)pyrene	ug/kg	668	608	91	58-133	
Benzo(b)fluoranthene	ug/kg	667	561	84	54-137	
Benzo(g,h,i)perylene	ug/kg	667	584	88	53-127	
Benzo(k)fluoranthene	ug/kg	667	623	93	54-126	
Chrysene	ug/kg	669	621	93	59-129	
Dibenz(a,h)anthracene	ug/kg	667	595	89	54-128	
Fluoranthene	ug/kg	668	657	98	58-137	
Fluorene	ug/kg	667	585	88	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	584	88	56-129	
Naphthalene	ug/kg	667	561	84	48-112	
Phenanthrene	ug/kg	667	582	87	57-125	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

LABORATORY CONTROL SAMPLE: 3355231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	587	88	55-133	
2-Fluorobiphenyl (S)	%.			76	23-115	
p-Terphenyl-d14 (S)	%.			80	19-136	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch:	732024	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366002, 50343366003, 50343366004, 50343366005, 50343366006, 50343366007, 50343366008, 50343366009, 50343366010, 50343366011, 50343366012, 50343366013, 50343366014, 50343366035

SAMPLE DUPLICATE: 3359732

Parameter	Units	50343361035 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.3	1	5	N2

SAMPLE DUPLICATE: 3359733

Parameter	Units	50343361036 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.1	14.6	11	5	N2,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch:	732028	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366015, 50343366016, 50343366017, 50343366018, 50343366019, 50343366020, 50343366021, 50343366022, 50343366023, 50343366024, 50343366025, 50343366026, 50343366027, 50343366028, 50343366029, 50343366030, 50343366031, 50343366032, 50343366033, 50343366034

SAMPLE DUPLICATE: 3359747

Parameter	Units	50343366015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.1	12.9	7	5	N2,R1

SAMPLE DUPLICATE: 3359748

Parameter	Units	50343366016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.7	18.2	8	5	N2,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch: 732097

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366036, 50343366037, 50343366038

SAMPLE DUPLICATE: 3360168

Parameter	Units	50344187008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.5	24.2	1	5	N2

SAMPLE DUPLICATE: 3360178

Parameter	Units	50343366036 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.1	23.7	3	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

QC Batch: 732098

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343366039, 50343366040

SAMPLE DUPLICATE: 3360169

Parameter	Units	50343366039 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.3	10.7	3	5	N2

SAMPLE DUPLICATE: 3360170

Parameter	Units	50343564008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.1	24.1	4	5	N2

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343366

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343366009	SB-57 (2-4)	EPA 3050	738571	EPA 6010	738954
50343366010	SB-58 (2-4)	EPA 3050	738571	EPA 6010	738954
50343366011	SB-59 (2-4)	EPA 3050	738571	EPA 6010	738954
50343366014	SB-62 (2-4)	EPA 3050	738571	EPA 6010	738954
50343366015	SB-63 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366016	SB-64 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366017	SB-65 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366018	SB-66 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366021	SB-69 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366023	SB-71 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366024	SB-72 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366025	SB-73 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366026	SB-74 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366027	SB-75 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366028	SB-76 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366029	SB-77 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366030	SB-78 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366031	SB-79 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366032	SB-80 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366033	SB-81 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366034	SB-82 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366035	SB-83 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366037	SB-85 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366038	SB-86 (2-4)	EPA 3050	738572	EPA 6010	738955
50343366010	SB-58 (2-4)	EPA 3050B	738365	EPA 6020	738710
50343366002	SB-50 (2-4)	EPA 3546	731035	EPA 8270 by SIM	737350
50343366006	SB-54 (2-4)	EPA 3546	731035	EPA 8270 by SIM	737350
50343366014	SB-62 (2-4)	EPA 3546	731035	EPA 8270 by SIM	737350
50343366018	SB-66 (2-4)	EPA 3546	731035	EPA 8270 by SIM	737350
50343366025	SB-73 (2-4)	EPA 3546	731111	EPA 8270 by SIM	737352
50343366029	SB-77 (2-4)	EPA 3546	731111	EPA 8270 by SIM	737352
50343366034	SB-82 (2-4)	EPA 3546	731111	EPA 8270 by SIM	737352
50343366038	SB-86 (2-4)	EPA 3546	731111	EPA 8270 by SIM	737352
50343366002	SB-50 (2-4)	SM 2540G	732024		
50343366003	SB-51 (2-4)	SM 2540G	732024		
50343366004	SB-52 (2-4)	SM 2540G	732024		
50343366005	SB-53 (2-4)	SM 2540G	732024		
50343366006	SB-54 (2-4)	SM 2540G	732024		
50343366007	SB-55 (2-4)	SM 2540G	732024		
50343366008	SB-56 (2-4)	SM 2540G	732024		
50343366009	SB-57 (2-4)	SM 2540G	732024		
50343366010	SB-58 (2-4)	SM 2540G	732024		
50343366011	SB-59 (2-4)	SM 2540G	732024		
50343366012	SB-60 (2-4)	SM 2540G	732024		
50343366013	SB-61 (2-4)	SM 2540G	732024		
50343366014	SB-62 (2-4)	SM 2540G	732024		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343366015	SB-63 (2-4)	SM 2540G	732028		
50343366016	SB-64 (2-4)	SM 2540G	732028		
50343366017	SB-65 (2-4)	SM 2540G	732028		
50343366018	SB-66 (2-4)	SM 2540G	732028		
50343366019	SB-67 (2-4)	SM 2540G	732028		
50343366020	SB-68 (2-4)	SM 2540G	732028		
50343366021	SB-69 (2-4)	SM 2540G	732028		
50343366022	SB-70 (2-4)	SM 2540G	732028		
50343366023	SB-71 (2-4)	SM 2540G	732028		
50343366024	SB-72 (2-4)	SM 2540G	732028		
50343366025	SB-73 (2-4)	SM 2540G	732028		
50343366026	SB-74 (2-4)	SM 2540G	732028		
50343366027	SB-75 (2-4)	SM 2540G	732028		
50343366028	SB-76 (2-4)	SM 2540G	732028		
50343366029	SB-77 (2-4)	SM 2540G	732028		
50343366030	SB-78 (2-4)	SM 2540G	732028		
50343366031	SB-79 (2-4)	SM 2540G	732028		
50343366032	SB-80 (2-4)	SM 2540G	732028		
50343366033	SB-81 (2-4)	SM 2540G	732028		
50343366034	SB-82 (2-4)	SM 2540G	732028		
50343366035	SB-83 (2-4)	SM 2540G	732024		
50343366036	SB-84 (2-4)	SM 2540G	732097		
50343366037	SB-85 (2-4)	SM 2540G	732097		
50343366038	SB-86 (2-4)	SM 2540G	732097		
50343366039	DUP-5 (2-4)	SM 2540G	732098		
50343366040	DUP-6 (2-4)	SM 2540G	732098		

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Company Name/Address: **WO#: 50343366**



Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres
 Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 4



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Rept: **Joshua Schuyler** Email To: **joshua.schuyler@oneatlas.com**

Project Description: **100 lenox** City/State Collected: **Detroit, MI** Please Circle: **PT MT CT ET**

Phone: **248-669-5140** Client Project # **188 B523244** Lab Project #

Collected by (print): **Madelyn Haas** Site/Facility ID # **DDD-100 lenox** P.O. # **23244**

Collected by (signature): **M Haas** **Rush?** (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day
 Quote # **DD135280**
 Date Results Needed **10/26/23**

Immediately Packed on Ice **N** **Y** No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-49 (2-A)	GRAB	SS		4/26/23	0916	7
SB-50 (2-A)					0920	
SB-51 (2-A)					0922	
SB-52 (2-A)					0924	
SB-53 (2-A)					0928	
SB-54 (2-A)					0930	
SB-55 (2-A)					0947	
SB-56 (2-A)					0950	
SB-57 (2-A)					0955	
SB-58 (2-A)	↓	↓		↓	0958	↓

PAH 8270 (MI TDL) 2330
 MILD METALS UDDID/7471
 PAH EXTRACT + HOLD

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: **Brian Hall**
 PM: **341 John Hawkins**
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals result
 For 0-2' result.
PAH Extract + Hold

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist		
COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N


Relinquished by: (Signature)	Date: 4/26/23	Time: 1620	Received by: (Signature)	Trip Blank Received: Yes/No HCL / MeOH TBR
Fedex			Fedex	
Relinquished by: (Signature)	Date: 4/27/23	Time: 855	Received by: (Signature)	Temp: 1.7 °C Bottles Received:
Fedex			T. Harold	4/27/23 855
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time: Hold: Condition:

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Analysis / Container / Preservative																				
-------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Chain of Custody Page 2 of 4



INDY
 MT JULIET, TN

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Report to:
 Joshua Schuyler

Project Description:
 100 lenox

Email To:
 joshua.schuyler@pacelabs.com

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188BS23244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD-100 lenox

P.O. #
 23244

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 0013580

Date Results Needed

Immediately Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

SB-59 (2-4)	GRAB	SS		4/26/23	1015	1
SB-60 (2-4)					1019	
SB-61 (2-4)					1022	
SB-62 (2-4)					1026	
SB-63 (2-4)					1030	
SB-64 (2-4)					103A	
SB-65 (2-4)					1037	
SB-66 (2-4)					1041	
SB-67 (2-4)					1047	
SB-68 (2-4)	↓	↓	↓	↓	1115	↓

PAH 8270 (M-TDLS) <330

MI 10 METALS 6010/7471

PAH EXTRACT + HOLD

SDG #

Table #

Acctnum: **ATCNMI**

Template:

Prelogin: **BILL HALL**

PM: 341 ~~John Hawkins~~

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

Remarks: * H = Hold sample analysis pending totals results for 0'-2' result.
 PAH Extract + Hold

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx ___ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		Y	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero HeadSpace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

Relinquished by: (Signature)
 M Haas

Date:
 4/20/23

Time:
 1020

Received by: (Signature)
 Fedex

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 Fedex

Date:
 4/27/23

Time:
 855

Received by: (Signature)
 T. Harold 4/27/23 855

Temp: 1.7 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 61 of 68

Company Name/Address: **ATC Group Services - Novi, MI**
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Report to: **Joshua Schwyer**
 Email To: **joshua.schwyer@conecthas.com**

Project Description: **100 lenox** City/State Collected: **Detroit** Please Circle: PT MT CT ET

Phone: **248-669-5140** Client Project # **18885 23244** Lab Project #

Collected by (print): **Madelem Haas** Site/Facility ID # **DDP-100 lenox** P.O. # **23244**

Collected by (signature): *M Haas* **Rush?** (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote # **0013580** Date Results Needed

Immediately Packed on Ice N Y

Chain of Custody Page **3** of **4**

Pace
 PEOPLE ADVANCING SCIENCE

INDY
MT JULIET, TN

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Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative
SB-69 (2-A)	GRAB	SS		4/26/23	1120	1	PAH 8270 (MT TDS) 2330 MI 10 Metals 6010/7471 PAH Extract + Hold
SB-70 (2-A)					1123		
SB-71 (2-A)					1126		
SB-72 (2-A)					1129		
SB-73 (2-A)					1131		
SB-74 (2-A)					1137		
SB-75 (2-A)					1143		
SB-76 (2-A)					1152		
SB-77 (2-A)					1157		
SB-78 (2-A)	↓	↓	↓	↓	1349	↓	

* Matrix: SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: ***H = Hold sample analysis pending totals result for 0'-2' result. PAH Extract + Hold**

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via: UPS FedEx Courier Tracking # _____

Relinquished by: (Signature) *M Haas* Date: **4/26/23** Time: **1620** Received by: (Signature) **FedEx** Trip Blank Received: Yes/No /
 HCL / MeOH
 TBR

Relinquished by: (Signature) **FedEx** Date: **4/27/23** Time: **855** Received by: (Signature) **T. Harlow** Date: **4/27/23** Time: **855** Temp: **1.7** °C Bottles Received: _____

Relinquished by: (Signature) _____ Date: _____ Time: _____ Received for lab by: (Signature) _____ Date: _____ Time: _____ Hold: _____ Condition: _____

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N


If preservation required by Login: Date/Time _____

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Chain of Custody Page 4 of 4



INDY
 MEJURET, TN

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Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@oneathas.com

Project Description:
 100 Lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188B523AA

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD-100 Lenox

P.O. #
 232AA

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 0013580
 Date Results Needed

Immediately Packed on Ice N Y

Analysis / Container / Preservative									
PAH 8270 (MUTGS) 1330									
MI 10 Metals Gold 7471									
PAH Extract & Hold									

SDG #

Table #

Acctnum: **ATCNMI**

Template:

Prelogin: *Bill Hall*
 PM: 341 - John Hewkins

PB:

Shipped Via:

Remarks | Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-79 (2-4)	GRAB	SS		4/26/23	1307	1
SB-80 (2-4)	↓	↓			1319	↓
SB-81 (2-4)	↓	↓			1322	↓
SB-82 (2-4)	↓	↓			1328	↓
SB-83 (2-4)	↓	↓			1331	↓
SB-84 (2-4)	↓	↓			1347	↓
SB-85 (2-4)	↓	↓			1355	↓
SB-86 (2-4)	↓	↓			1403	↓
DUP-5 (2-4)	↓	↓				↓
DUP-6 (2-4)	↓	↓				↓

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals
 Result for 0-2' result.
 PAH Extract & Hold

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		✓	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

Relinquished by: (Signature)
 M Haas

Date: 4/26/23
 Time: 1620

Received by: (Signature)
 FedEx

Trip Blank Received: No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FedEx

Date: 4/27/23
 Time: 855

Received by: (Signature)
 T. Harold 4/27/23 855

Temp: 1.7 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: _____
 Time: _____

Received for lab by: (Signature)

Date: _____
 Time: _____

Hold: _____
 Condition: _____



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 4/27/23 17:04 TH

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes) Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 A B C D E F

4. Cooler Temperature(s): 1.6/1.7
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other Plastic bags

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			<input checked="" type="checkbox"/>
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?			<input checked="" type="checkbox"/>
			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	MeOH (only) SBS DI	R	VIALS			AMBER GLASS							PLASTIC							OTHER			Matrix											
				DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	HNO3	H2SO4	NaOH	NaOH/Zn Ac			
1																																			
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

June 16, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on April 28, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343436001	SB-87 (2-4)	Solid	04/27/23 09:27	04/28/23 08:50
50343436002	SB-88 (2-4)	Solid	04/27/23 10:03	04/28/23 08:50
50343436003	SB-89 (2-4)	Solid	04/27/23 09:31	04/28/23 08:50
50343436004	SB-90 (2-4)	Solid	04/27/23 09:30	04/28/23 08:50
50343436005	SB-91 (2-4)	Solid	04/27/23 09:44	04/28/23 08:50
50343436006	SB-92 (2-4)	Solid	04/27/23 09:50	04/28/23 08:50
50343436007	SB-93 (2-4)	Solid	04/27/23 09:56	04/28/23 08:50
50343436008	SB-94 (2-4)	Solid	04/27/23 09:59	04/28/23 08:50
50343436009	SB-95 (2-4)	Solid	04/27/23 10:01	04/28/23 08:50
50343436010	SB-96 (2-4)	Solid	04/27/23 10:09	04/28/23 08:50
50343436011	SB-97 (2-4)	Solid	04/27/23 10:13	04/28/23 08:50
50343436012	SB-98 (2-4)	Solid	04/27/23 10:17	04/28/23 08:50
50343436013	SB-99 (2-4)	Solid	04/27/23 10:20	04/28/23 08:50
50343436014	SB-100 (2-4)	Solid	04/27/23 10:26	04/28/23 08:50
50343436015	SB-101 (2-4)	Solid	04/27/23 10:38	04/28/23 08:50
50343436016	SB-102 (2-4)	Solid	04/27/23 11:17	04/28/23 08:50
50343436017	SB-103 (2-4)	Solid	04/27/23 11:20	04/28/23 08:50
50343436018	SB-104 (2-4)	Solid	04/27/23 11:29	04/28/23 08:50
50343436019	SB-105 (2-4)	Solid	04/27/23 11:32	04/28/23 08:50
50343436020	SB-106 (2-4)	Solid	04/27/23 11:39	04/28/23 08:50
50343436021	SB-107 (2-4)	Solid	04/27/23 11:42	04/28/23 08:50
50343436022	SB-108 (2-4)	Solid	04/27/23 11:45	04/28/23 08:50
50343436023	SB-109 (2-4)	Solid	04/27/23 11:51	04/28/23 08:50
50343436024	SB-110 (2-4)	Solid	04/27/23 12:00	04/28/23 08:50
50343436025	SB-111 (2-4)	Solid	04/27/23 12:05	04/28/23 08:50
50343436026	SB-112 (2-4)	Solid	04/27/23 12:40	04/28/23 08:50
50343436027	SB-113 (2-4)	Solid	04/27/23 12:44	04/28/23 08:50
50343436028	SB-114 (2-4)	Solid	04/27/23 12:48	04/28/23 08:50
50343436029	SB-115 (2-4)	Solid	04/27/23 12:51	04/28/23 08:50
50343436030	SB-116 (2-4)	Solid	04/27/23 12:54	04/28/23 08:50
50343436031	SB-117 (2-4)	Solid	04/27/23 12:59	04/28/23 08:50
50343436032	SB-118 (2-4)	Solid	04/27/23 13:10	04/28/23 08:50
50343436033	SB-119 (2-4)	Solid	04/27/23 13:31	04/28/23 08:50
50343436034	SB-120 (2-4)	Solid	04/27/23 13:36	04/28/23 08:50
50343436035	SB-121 (2-4)	Solid	04/27/23 13:38	04/28/23 08:50
50343436036	SB-122 (2-4)	Solid	04/27/23 13:41	04/28/23 08:50
50343436037	SB-123 (2-4)	Solid	04/27/23 13:48	04/28/23 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50343436038	DUP 7 (2-4)	Solid	04/27/23 00:00	04/28/23 08:50
50343436039	DUP 8 (2-4)	Solid	04/27/23 00:00	04/28/23 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343436001	SB-87 (2-4)	SM 2540G	QAK	1	PASI-I
50343436002	SB-88 (2-4)	SM 2540G	QAK	1	PASI-I
50343436003	SB-89 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436004	SB-90 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436005	SB-91 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436006	SB-92 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436007	SB-93 (2-4)	SM 2540G	QAK	1	PASI-I
50343436008	SB-94 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436009	SB-95 (2-4)	EPA 6010	MTM	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436010	SB-96 (2-4)	EPA 6010	MTM	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436011	SB-97 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436012	SB-98 (2-4)	SM 2540G	QAK	1	PASI-I
50343436013	SB-99 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436014	SB-100 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436015	SB-101 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436016	SB-102 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436017	SB-103 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436018	SB-104 (2-4)	EPA 6010	MTM	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436019	SB-105 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343436020	SB-106 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436021	SB-107 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436022	SB-108 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436023	SB-109 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436024	SB-110 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436025	SB-111 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436026	SB-112 (2-4)	EPA 6010	MTM	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436027	SB-113 (2-4)	EPA 6010	MTM	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436028	SB-114 (2-4)	SM 2540G	QAK	1	PASI-I
50343436029	SB-115 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436030	SB-116 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436031	SB-117 (2-4)	EPA 6010	MTM	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436032	SB-118 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436033	SB-119 (2-4)	EPA 6010	MTM	2	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436034	SB-120 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436035	SB-121 (2-4)	EPA 6010	MTM	2	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436036	SB-122 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50343436037	SB-123 (2-4)	EPA 6010	MTM	1	PASI-I
		SM 2540G	QAK	1	PASI-I
50343436038	DUP 7 (2-4)	SM 2540G	QAK	1	PASI-I
50343436039	DUP 8 (2-4)	SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-87 (2-4) **Lab ID: 50343436001** Collected: 04/27/23 09:27 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.8	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-88 (2-4) **Lab ID: 50343436002** Collected: 04/27/23 10:03 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.5	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-89 (2-4) **Lab ID: 50343436003** Collected: 04/27/23 09:31 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	7730	ug/kg	1160	196	1	06/13/23 15:48	06/15/23 10:15	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.0	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-90 (2-4) **Lab ID: 50343436004** Collected: 04/27/23 09:30 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	5240	ug/kg	1080	184	1	06/13/23 15:48	06/15/23 10:26	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	8.0	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-91 (2-4) **Lab ID: 50343436005** Collected: 04/27/23 09:44 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	10700	ug/kg	1140	193	1	06/13/23 15:48	06/15/23 10:29	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-92 (2-4) **Lab ID: 50343436006** Collected: 04/27/23 09:50 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	14700	ug/kg	1130	192	1	06/13/23 15:48	06/15/23 10:31	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.9	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-93 (2-4) **Lab ID: 50343436007** Collected: 04/27/23 09:56 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		05/10/23 16:15		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-94 (2-4) **Lab ID: 50343436008** Collected: 04/27/23 09:59 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	9240	ug/kg	1180	200	1	06/13/23 15:48	06/15/23 10:39	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	15.6	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-95 (2-4) **Lab ID: 50343436009** Collected: 04/27/23 10:01 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7560	ug/kg	1130	192	1	06/13/23 15:48	06/15/23 10:41	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1550	ug/kg	5.6	2.3	1	05/02/23 16:53	06/05/23 14:32	83-32-9	
Acenaphthylene	15.0	ug/kg	5.6	2.1	1	05/02/23 16:53	06/05/23 14:32	208-96-8	
Anthracene	3680	ug/kg	5.6	2.8	1	05/02/23 16:53	06/05/23 14:32	120-12-7	
Benzo(a)anthracene	4680	ug/kg	5.6	1.6	1	05/02/23 16:53	06/05/23 14:32	56-55-3	
Benzo(a)pyrene	4060	ug/kg	5.6	3.3	1	05/02/23 16:53	06/05/23 14:32	50-32-8	
Benzo(b)fluoranthene	4400	ug/kg	5.6	3.1	1	05/02/23 16:53	06/05/23 14:32	205-99-2	
Benzo(g,h,i)perylene	2320	ug/kg	5.6	3.3	1	05/02/23 16:53	06/05/23 14:32	191-24-2	
Benzo(k)fluoranthene	1840	ug/kg	5.6	2.6	1	05/02/23 16:53	06/05/23 14:32	207-08-9	
Chrysene	4320	ug/kg	5.6	3.9	1	05/02/23 16:53	06/05/23 14:32	218-01-9	
Dibenz(a,h)anthracene	549	ug/kg	5.6	2.8	1	05/02/23 16:53	06/05/23 14:32	53-70-3	
Fluoranthene	14400	ug/kg	56.1	39.0	10	05/02/23 16:53	06/05/23 15:39	206-44-0	
Fluorene	1380	ug/kg	5.6	2.2	1	05/02/23 16:53	06/05/23 14:32	86-73-7	
Indeno(1,2,3-cd)pyrene	1980	ug/kg	5.6	2.9	1	05/02/23 16:53	06/05/23 14:32	193-39-5	
2-Methylnaphthalene	272	ug/kg	5.6	5.3	1	05/02/23 16:53	06/05/23 14:32	91-57-6	
Naphthalene	226	ug/kg	5.6	5.2	1	05/02/23 16:53	06/05/23 14:32	91-20-3	
Phenanthrene	15100	ug/kg	56.1	40.4	10	05/02/23 16:53	06/05/23 15:39	85-01-8	
Pyrene	12200	ug/kg	56.1	38.5	10	05/02/23 16:53	06/05/23 15:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	23-115		1	05/02/23 16:53	06/05/23 14:32	321-60-8	
p-Terphenyl-d14 (S)	66	%	19-136		1	05/02/23 16:53	06/05/23 14:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.1	%	0.10	0.10	1		05/10/23 16:32		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-96 (2-4) **Lab ID: 50343436010** Collected: 04/27/23 10:09 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9100	ug/kg	1220	208	1	06/13/23 15:48	06/15/23 10:43	7440-38-2	
Lead	135000	ug/kg	1220	486	1	06/13/23 15:48	06/15/23 10:43	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	10.3	ug/kg	5.9	2.4	1	05/02/23 16:53	06/05/23 14:45	83-32-9	
Acenaphthylene	6.0	ug/kg	5.9	2.2	1	05/02/23 16:53	06/05/23 14:45	208-96-8	
Anthracene	27.7	ug/kg	5.9	2.9	1	05/02/23 16:53	06/05/23 14:45	120-12-7	
Benzo(a)anthracene	76.3	ug/kg	5.9	1.7	1	05/02/23 16:53	06/05/23 14:45	56-55-3	
Benzo(a)pyrene	71.0	ug/kg	5.9	3.5	1	05/02/23 16:53	06/05/23 14:45	50-32-8	
Benzo(b)fluoranthene	90.3	ug/kg	5.9	3.2	1	05/02/23 16:53	06/05/23 14:45	205-99-2	
Benzo(g,h,i)perylene	40.2	ug/kg	5.9	3.5	1	05/02/23 16:53	06/05/23 14:45	191-24-2	
Benzo(k)fluoranthene	32.4	ug/kg	5.9	2.7	1	05/02/23 16:53	06/05/23 14:45	207-08-9	
Chrysene	77.5	ug/kg	5.9	4.0	1	05/02/23 16:53	06/05/23 14:45	218-01-9	
Dibenz(a,h)anthracene	9.5	ug/kg	5.9	2.9	1	05/02/23 16:53	06/05/23 14:45	53-70-3	
Fluoranthene	156	ug/kg	5.9	4.1	1	05/02/23 16:53	06/05/23 14:45	206-44-0	
Fluorene	9.9	ug/kg	5.9	2.3	1	05/02/23 16:53	06/05/23 14:45	86-73-7	
Indeno(1,2,3-cd)pyrene	36.6	ug/kg	5.9	3.0	1	05/02/23 16:53	06/05/23 14:45	193-39-5	
2-Methylnaphthalene	18.6	ug/kg	5.9	5.5	1	05/02/23 16:53	06/05/23 14:45	91-57-6	
Naphthalene	28.7	ug/kg	5.9	5.4	1	05/02/23 16:53	06/05/23 14:45	91-20-3	
Phenanthrene	101	ug/kg	5.9	4.2	1	05/02/23 16:53	06/05/23 14:45	85-01-8	
Pyrene	130	ug/kg	5.9	4.0	1	05/02/23 16:53	06/05/23 14:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		1	05/02/23 16:53	06/05/23 14:45	321-60-8	
p-Terphenyl-d14 (S)	63	%	19-136		1	05/02/23 16:53	06/05/23 14:45	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.1	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-97 (2-4) **Lab ID: 50343436011** Collected: 04/27/23 10:13 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	7150	ug/kg	1170	199	1	06/13/23 15:48	06/15/23 10:46	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	16.0	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-98 (2-4) **Lab ID: 50343436012** Collected: 04/27/23 10:17 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.0	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-99 (2-4) **Lab ID: 50343436013** Collected: 04/27/23 10:20 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	8280	ug/kg	1130	192	1	06/13/23 15:48	06/15/23 10:48	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	12.5	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-100 (2-4) **Lab ID: 50343436014** Collected: 04/27/23 10:26 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	15700	ug/kg	1180	201	1	06/13/23 15:48	06/15/23 10:50	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	15.4	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-101 (2-4) **Lab ID: 50343436015** Collected: 04/27/23 10:38 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis									
Arsenic	8810	ug/kg	1200	204	1	06/13/23 15:48	06/15/23 10:52	7440-38-2	
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	16.9	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-102 (2-4) **Lab ID: 50343436016** Collected: 04/27/23 11:17 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	20500	ug/kg	1380	235	1	06/13/23 15:48	06/15/23 10:55	7440-38-2	
Lead	173000	ug/kg	1380	550	1	06/13/23 15:48	06/15/23 10:55	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	27.8	%	0.10	0.10	1		05/10/23 16:32		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-103 (2-4) **Lab ID: 50343436017** Collected: 04/27/23 11:20 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	25600	ug/kg	1320	224	1	06/13/23 15:48	06/15/23 10:57	7440-38-2	
Lead	244000	ug/kg	1320	524	1	06/13/23 15:48	06/15/23 10:57	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	24.5	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-104 (2-4) **Lab ID: 50343436018** Collected: 04/27/23 11:29 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	20100	ug/kg	1340	228	1	06/13/23 15:48	06/15/23 10:59	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	6.3J	ug/kg	6.4	2.6	1	05/02/23 16:53	06/05/23 14:59	83-32-9	
Acenaphthylene	39.8	ug/kg	6.4	2.4	1	05/02/23 16:53	06/05/23 14:59	208-96-8	
Anthracene	26.0	ug/kg	6.4	3.2	1	05/02/23 16:53	06/05/23 14:59	120-12-7	
Benzo(a)anthracene	62.1	ug/kg	6.4	1.8	1	05/02/23 16:53	06/05/23 14:59	56-55-3	
Benzo(a)pyrene	54.2	ug/kg	6.4	3.8	1	05/02/23 16:53	06/05/23 14:59	50-32-8	
Benzo(b)fluoranthene	73.3	ug/kg	6.4	3.5	1	05/02/23 16:53	06/05/23 14:59	205-99-2	
Benzo(g,h,i)perylene	40.7	ug/kg	6.4	3.8	1	05/02/23 16:53	06/05/23 14:59	191-24-2	
Benzo(k)fluoranthene	24.4	ug/kg	6.4	3.0	1	05/02/23 16:53	06/05/23 14:59	207-08-9	
Chrysene	76.4	ug/kg	6.4	4.4	1	05/02/23 16:53	06/05/23 14:59	218-01-9	
Dibenz(a,h)anthracene	9.3	ug/kg	6.4	3.2	1	05/02/23 16:53	06/05/23 14:59	53-70-3	
Fluoranthene	130	ug/kg	6.4	4.5	1	05/02/23 16:53	06/05/23 14:59	206-44-0	
Fluorene	12.2	ug/kg	6.4	2.5	1	05/02/23 16:53	06/05/23 14:59	86-73-7	
Indeno(1,2,3-cd)pyrene	32.9	ug/kg	6.4	3.3	1	05/02/23 16:53	06/05/23 14:59	193-39-5	
2-Methylnaphthalene	200	ug/kg	6.4	6.0	1	05/02/23 16:53	06/05/23 14:59	91-57-6	
Naphthalene	184	ug/kg	6.4	5.9	1	05/02/23 16:53	06/05/23 14:59	91-20-3	
Phenanthrene	197	ug/kg	6.4	4.6	1	05/02/23 16:53	06/05/23 14:59	85-01-8	
Pyrene	107	ug/kg	6.4	4.4	1	05/02/23 16:53	06/05/23 14:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	23-115		1	05/02/23 16:53	06/05/23 14:59	321-60-8	
p-Terphenyl-d14 (S)	56	%	19-136		1	05/02/23 16:53	06/05/23 14:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	26.7	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-105 (2-4) **Lab ID: 50343436019** Collected: 04/27/23 11:32 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	13700	ug/kg	1620	275	1	06/13/23 15:48	06/15/23 11:07	7440-38-2	
Lead	262000	ug/kg	1620	645	1	06/13/23 15:48	06/15/23 11:07	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	38.8	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-106 (2-4) **Lab ID: 50343436020** Collected: 04/27/23 11:39 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	4900	ug/kg	1220	207	1	06/13/23 15:48	06/15/23 11:09	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	19.4	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-107 (2-4) **Lab ID: 50343436021** Collected: 04/27/23 11:42 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	13400	ug/kg	1340	228	1	06/13/23 15:48	06/15/23 11:11	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	25.6	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-108 (2-4) **Lab ID: 50343436022** Collected: 04/27/23 11:45 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	7480	ug/kg	1200	204	1	06/13/23 15:48	06/15/23 11:13	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	17.5	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-109 (2-4) **Lab ID: 50343436023** Collected: 04/27/23 11:51 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9380	ug/kg	1140	194	1	06/13/23 15:48	06/15/23 11:16	7440-38-2	
Lead	52700	ug/kg	1140	453	1	06/13/23 15:48	06/15/23 11:16	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/10/23 16:33		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-110 (2-4) **Lab ID: 50343436024** Collected: 04/27/23 12:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	11000	ug/kg	1140	194	1	06/13/23 15:48	06/15/23 11:18	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.0	%	0.10	0.10	1		05/10/23 16:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-111 (2-4) **Lab ID: 50343436025** Collected: 04/27/23 12:05 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	4870	ug/kg	1090	186	1	06/13/23 16:15	06/15/23 11:26	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	9.6	%	0.10	0.10	1		05/10/23 16:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-112 (2-4) **Lab ID: 50343436026** Collected: 04/27/23 12:40 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	21000	ug/kg	1600	272	1	06/13/23 16:15	06/15/23 11:43	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	3290	ug/kg	39.2	15.8	5	05/03/23 12:43	06/05/23 15:52	83-32-9	
Acenaphthylene	136	ug/kg	39.2	14.8	5	05/03/23 12:43	06/05/23 15:52	208-96-8	
Anthracene	6280	ug/kg	39.2	19.6	5	05/03/23 12:43	06/05/23 15:52	120-12-7	
Benzo(a)anthracene	11100	ug/kg	39.2	11.1	5	05/03/23 12:43	06/05/23 15:52	56-55-3	
Benzo(a)pyrene	10200	ug/kg	39.2	23.4	5	05/03/23 12:43	06/05/23 15:52	50-32-8	
Benzo(b)fluoranthene	13000	ug/kg	39.2	21.6	5	05/03/23 12:43	06/05/23 15:52	205-99-2	
Benzo(g,h,i)perylene	6190	ug/kg	39.2	23.3	5	05/03/23 12:43	06/05/23 15:52	191-24-2	
Benzo(k)fluoranthene	4400	ug/kg	39.2	18.1	5	05/03/23 12:43	06/05/23 15:52	207-08-9	
Chrysene	11000	ug/kg	39.2	27.0	5	05/03/23 12:43	06/05/23 15:52	218-01-9	
Dibenz(a,h)anthracene	1580	ug/kg	39.2	19.3	5	05/03/23 12:43	06/05/23 15:52	53-70-3	
Fluoranthene	32600	ug/kg	39.2	27.3	5	05/03/23 12:43	06/05/23 15:52	206-44-0	
Fluorene	3690	ug/kg	39.2	15.5	5	05/03/23 12:43	06/05/23 15:52	86-73-7	
Indeno(1,2,3-cd)pyrene	5430	ug/kg	39.2	20.0	5	05/03/23 12:43	06/05/23 15:52	193-39-5	
2-Methylnaphthalene	1440	ug/kg	39.2	36.9	5	05/03/23 12:43	06/05/23 15:52	91-57-6	
Naphthalene	4000	ug/kg	39.2	36.1	5	05/03/23 12:43	06/05/23 15:52	91-20-3	ED
Phenanthrene	33300	ug/kg	39.2	28.2	5	05/03/23 12:43	06/05/23 15:52	85-01-8	
Pyrene	24500	ug/kg	39.2	26.9	5	05/03/23 12:43	06/05/23 15:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	23-115		5	05/03/23 12:43	06/05/23 15:52	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		5	05/03/23 12:43	06/05/23 15:52	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	38.3	%	0.10	0.10	1		05/10/23 16:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-113 (2-4) **Lab ID: 50343436027** Collected: 04/27/23 12:44 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7490	ug/kg	1130	193	1	06/13/23 16:15	06/15/23 11:45	7440-38-2	
Lead	305000	ug/kg	1130	452	1	06/13/23 16:15	06/15/23 11:45	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	492	ug/kg	5.7	2.3	1	05/03/23 12:43	06/05/23 16:06	83-32-9	
Acenaphthylene	125	ug/kg	5.7	2.2	1	05/03/23 12:43	06/05/23 16:06	208-96-8	
Anthracene	1420	ug/kg	5.7	2.9	1	05/03/23 12:43	06/05/23 16:06	120-12-7	
Benzo(a)anthracene	3240	ug/kg	5.7	1.6	1	05/03/23 12:43	06/05/23 16:06	56-55-3	
Benzo(a)pyrene	2830	ug/kg	5.7	3.4	1	05/03/23 12:43	06/05/23 16:06	50-32-8	
Benzo(b)fluoranthene	3620	ug/kg	5.7	3.2	1	05/03/23 12:43	06/05/23 16:06	205-99-2	
Benzo(g,h,i)perylene	1550	ug/kg	5.7	3.4	1	05/03/23 12:43	06/05/23 16:06	191-24-2	
Benzo(k)fluoranthene	1050	ug/kg	5.7	2.6	1	05/03/23 12:43	06/05/23 16:06	207-08-9	
Chrysene	3020	ug/kg	5.7	3.9	1	05/03/23 12:43	06/05/23 16:06	218-01-9	
Dibenz(a,h)anthracene	339	ug/kg	5.7	2.8	1	05/03/23 12:43	06/05/23 16:06	53-70-3	
Fluoranthene	7490	ug/kg	5.7	4.0	1	05/03/23 12:43	06/05/23 16:06	206-44-0	
Fluorene	551	ug/kg	5.7	2.3	1	05/03/23 12:43	06/05/23 16:06	86-73-7	
Indeno(1,2,3-cd)pyrene	1400	ug/kg	5.7	2.9	1	05/03/23 12:43	06/05/23 16:06	193-39-5	
2-Methylnaphthalene	106	ug/kg	5.7	5.4	1	05/03/23 12:43	06/05/23 16:06	91-57-6	
Naphthalene	175	ug/kg	5.7	5.3	1	05/03/23 12:43	06/05/23 16:06	91-20-3	
Phenanthrene	5170	ug/kg	5.7	4.1	1	05/03/23 12:43	06/05/23 16:06	85-01-8	
Pyrene	6020	ug/kg	5.7	3.9	1	05/03/23 12:43	06/05/23 16:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		1	05/03/23 12:43	06/05/23 16:06	321-60-8	
p-Terphenyl-d14 (S)	65	%	19-136		1	05/03/23 12:43	06/05/23 16:06	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.3	%	0.10	0.10	1		05/10/23 16:34		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-114 (2-4) **Lab ID: 50343436028** Collected: 04/27/23 12:48 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.2	%	0.10	0.10	1		05/10/23 17:02		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-115 (2-4) **Lab ID: 50343436029** Collected: 04/27/23 12:51 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	9890	ug/kg	1120	190	1	06/13/23 16:15	06/15/23 11:47	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	11.7	%	0.10	0.10	1		05/10/23 17:02		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-116 (2-4) **Lab ID: 50343436030** Collected: 04/27/23 12:54 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	17900	ug/kg	1160	197	1	06/13/23 16:15	06/15/23 12:14	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.8	%	0.10	0.10	1		05/10/23 17:02		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-117 (2-4) **Lab ID: 50343436031** Collected: 04/27/23 12:59 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7430	ug/kg	1310	222	1	06/13/23 16:15	06/15/23 11:52	7440-38-2	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	6.3	2.5	1	05/03/23 12:43	06/05/23 16:19	83-32-9	
Acenaphthylene	ND	ug/kg	6.3	2.4	1	05/03/23 12:43	06/05/23 16:19	208-96-8	
Anthracene	5.5J	ug/kg	6.3	3.2	1	05/03/23 12:43	06/05/23 16:19	120-12-7	
Benzo(a)anthracene	12.6	ug/kg	6.3	1.8	1	05/03/23 12:43	06/05/23 16:19	56-55-3	
Benzo(a)pyrene	14.0	ug/kg	6.3	3.8	1	05/03/23 12:43	06/05/23 16:19	50-32-8	
Benzo(b)fluoranthene	20.8	ug/kg	6.3	3.5	1	05/03/23 12:43	06/05/23 16:19	205-99-2	
Benzo(g,h,i)perylene	11.1	ug/kg	6.3	3.7	1	05/03/23 12:43	06/05/23 16:19	191-24-2	
Benzo(k)fluoranthene	5.9J	ug/kg	6.3	2.9	1	05/03/23 12:43	06/05/23 16:19	207-08-9	
Chrysene	17.1	ug/kg	6.3	4.3	1	05/03/23 12:43	06/05/23 16:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.3	3.1	1	05/03/23 12:43	06/05/23 16:19	53-70-3	
Fluoranthene	31.0	ug/kg	6.3	4.4	1	05/03/23 12:43	06/05/23 16:19	206-44-0	
Fluorene	ND	ug/kg	6.3	2.5	1	05/03/23 12:43	06/05/23 16:19	86-73-7	
Indeno(1,2,3-cd)pyrene	9.5	ug/kg	6.3	3.2	1	05/03/23 12:43	06/05/23 16:19	193-39-5	
2-Methylnaphthalene	ND	ug/kg	6.3	5.9	1	05/03/23 12:43	06/05/23 16:19	91-57-6	
Naphthalene	ND	ug/kg	6.3	5.8	1	05/03/23 12:43	06/05/23 16:19	91-20-3	
Phenanthrene	20.3	ug/kg	6.3	4.5	1	05/03/23 12:43	06/05/23 16:19	85-01-8	
Pyrene	25.7	ug/kg	6.3	4.3	1	05/03/23 12:43	06/05/23 16:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	23-115		1	05/03/23 12:43	06/05/23 16:19	321-60-8	
p-Terphenyl-d14 (S)	54	%	19-136		1	05/03/23 12:43	06/05/23 16:19	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	23.8	%	0.10	0.10	1		05/10/23 17:02		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-118 (2-4) **Lab ID: 50343436032** Collected: 04/27/23 13:10 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10200	ug/kg	1300	222	1	06/13/23 16:15	06/15/23 11:54	7440-38-2	
Lead	40100	ug/kg	1300	519	1	06/13/23 16:15	06/15/23 11:54	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	24.3	%	0.10	0.10	1		05/10/23 17:02		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-119 (2-4) **Lab ID: 50343436033** Collected: 04/27/23 13:31 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7880	ug/kg	1070	181	1	06/13/23 16:15	06/15/23 11:56	7440-38-2	
Lead	259000	ug/kg	1070	425	1	06/13/23 16:15	06/15/23 11:56	7439-92-1	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	7.2	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-120 (2-4) **Lab ID: 50343436034** Collected: 04/27/23 13:36 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	13400	ug/kg	1070	182	1	06/13/23 16:15	06/15/23 12:05	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	7.9	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: SB-121 (2-4) **Lab ID: 50343436035** Collected: 04/27/23 13:38 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11500	ug/kg	1140	194	1	06/13/23 16:15	06/15/23 12:08	7440-38-2	
Lead	1540000	ug/kg	1140	455	1	06/13/23 16:15	06/15/23 12:08	7439-92-1	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	229	ug/kg	28.0	11.3	5	05/03/23 12:43	06/05/23 16:32	83-32-9	
Acenaphthylene	930	ug/kg	28.0	10.6	5	05/03/23 12:43	06/05/23 16:32	208-96-8	
Anthracene	1340	ug/kg	28.0	14.0	5	05/03/23 12:43	06/05/23 16:32	120-12-7	
Benzo(a)anthracene	5080	ug/kg	28.0	8.0	5	05/03/23 12:43	06/05/23 16:32	56-55-3	
Benzo(a)pyrene	4620	ug/kg	28.0	16.7	5	05/03/23 12:43	06/05/23 16:32	50-32-8	
Benzo(b)fluoranthene	5900	ug/kg	28.0	15.4	5	05/03/23 12:43	06/05/23 16:32	205-99-2	
Benzo(g,h,i)perylene	2550	ug/kg	28.0	16.6	5	05/03/23 12:43	06/05/23 16:32	191-24-2	
Benzo(k)fluoranthene	2000	ug/kg	28.0	13.0	5	05/03/23 12:43	06/05/23 16:32	207-08-9	
Chrysene	4510	ug/kg	28.0	19.3	5	05/03/23 12:43	06/05/23 16:32	218-01-9	
Dibenz(a,h)anthracene	619	ug/kg	28.0	13.8	5	05/03/23 12:43	06/05/23 16:32	53-70-3	
Fluoranthene	9910	ug/kg	28.0	19.5	5	05/03/23 12:43	06/05/23 16:32	206-44-0	
Fluorene	338	ug/kg	28.0	11.1	5	05/03/23 12:43	06/05/23 16:32	86-73-7	
Indeno(1,2,3-cd)pyrene	2350	ug/kg	28.0	14.3	5	05/03/23 12:43	06/05/23 16:32	193-39-5	
2-Methylnaphthalene	103	ug/kg	28.0	26.4	5	05/03/23 12:43	06/05/23 16:32	91-57-6	
Naphthalene	113	ug/kg	28.0	25.8	5	05/03/23 12:43	06/05/23 16:32	91-20-3	ED
Phenanthrene	3470	ug/kg	28.0	20.2	5	05/03/23 12:43	06/05/23 16:32	85-01-8	
Pyrene	8020	ug/kg	28.0	19.2	5	05/03/23 12:43	06/05/23 16:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		5	05/03/23 12:43	06/05/23 16:32	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-136		5	05/03/23 12:43	06/05/23 16:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.2	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-122 (2-4) **Lab ID: 50343436036** Collected: 04/27/23 13:41 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	5320	ug/kg	1150	195	1	06/13/23 16:15	06/15/23 12:10	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	14.4	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: SB-123 (2-4) **Lab ID: 50343436037** Collected: 04/27/23 13:48 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis								
Arsenic	8560	ug/kg	1110	188	1	06/13/23 16:15	06/15/23 12:12	7440-38-2	
Percent Moisture	Analytical Method: SM 2540G Pace Analytical Services - Indianapolis								
Percent Moisture	10.0	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Sample: DUP 7 (2-4) **Lab ID: 50343436038** Collected: 04/27/23 00:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.2	%	0.10	0.10	1		05/10/23 17:03		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Sample: DUP 8 (2-4) **Lab ID: 50343436039** Collected: 04/27/23 00:00 Received: 04/28/23 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: SM 2540G Pace Analytical Services - Indianapolis									
Percent Moisture	11.4	%	0.10	0.10	1		05/10/23 17:03		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

QC Batch:	738573	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343436003, 50343436004, 50343436005, 50343436006, 50343436008, 50343436009, 50343436010, 50343436011, 50343436013, 50343436014, 50343436015, 50343436016, 50343436017, 50343436018, 50343436019, 50343436020, 50343436021, 50343436022, 50343436023, 50343436024

METHOD BLANK: 3388684 Matrix: Solid

Associated Lab Samples: 50343436003, 50343436004, 50343436005, 50343436006, 50343436008, 50343436009, 50343436010, 50343436011, 50343436013, 50343436014, 50343436015, 50343436016, 50343436017, 50343436018, 50343436019, 50343436020, 50343436021, 50343436022, 50343436023, 50343436024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	06/15/23 10:13	
Lead	ug/kg	ND	1000	398	06/15/23 10:13	

LABORATORY CONTROL SAMPLE: 3388685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	54000	108	80-120	
Lead	ug/kg	50000	49800	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388686 3388687

Parameter	Units	50343436003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	7730	57400	57600	62900	60300	96	91	75-125	4	20	
Lead	ug/kg	52800	57400	57600	103000	62000	87	16	75-125	49	20	M0, R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

QC Batch: 738574 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343436025, 50343436026, 50343436027, 50343436029, 50343436030, 50343436031, 50343436032, 50343436033, 50343436034, 50343436035, 50343436036, 50343436037

METHOD BLANK: 3388688 Matrix: Solid
Associated Lab Samples: 50343436025, 50343436026, 50343436027, 50343436029, 50343436030, 50343436031, 50343436032, 50343436033, 50343436034, 50343436035, 50343436036, 50343436037

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	170	06/15/23 11:24	
Lead	ug/kg	ND	1000	398	06/15/23 11:24	

LABORATORY CONTROL SAMPLE: 3388689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	53500	107	80-120	
Lead	ug/kg	50000	49300	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3388690 3388691

Parameter	Units	50343436025		50343436029		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Arsenic	ug/kg	4870	54300	54900	61500	104	99	75-125	4	20	
Lead	ug/kg	21000	54300	54900	76700	102	83	75-125	14	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

QC Batch: 731160 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343436009, 50343436010, 50343436018

METHOD BLANK: 3355460 Matrix: Solid

Associated Lab Samples: 50343436009, 50343436010, 50343436018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 14:05	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 14:05	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 14:05	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 14:05	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 14:05	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 14:05	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 14:05	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 14:05	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 14:05	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 14:05	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 14:05	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 14:05	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 14:05	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 14:05	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 14:05	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 14:05	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 14:05	
2-Fluorobiphenyl (S)	%	73	23-115		06/05/23 14:05	
p-Terphenyl-d14 (S)	%	83	19-136		06/05/23 14:05	

LABORATORY CONTROL SAMPLE: 3355461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	539	81	52-123	
Acenaphthene	ug/kg	668	543	81	54-119	
Acenaphthylene	ug/kg	667	558	84	55-130	
Anthracene	ug/kg	667	560	84	58-120	
Benzo(a)anthracene	ug/kg	667	593	89	59-126	
Benzo(a)pyrene	ug/kg	668	574	86	58-133	
Benzo(b)fluoranthene	ug/kg	667	543	82	54-137	
Benzo(g,h,i)perylene	ug/kg	667	550	82	53-127	
Benzo(k)fluoranthene	ug/kg	667	593	89	54-126	
Chrysene	ug/kg	669	592	89	59-129	
Dibenz(a,h)anthracene	ug/kg	667	560	84	54-128	
Fluoranthene	ug/kg	668	619	93	58-137	
Fluorene	ug/kg	667	560	84	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	551	83	56-129	
Naphthalene	ug/kg	667	544	82	48-112	
Phenanthrene	ug/kg	667	558	84	57-125	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

LABORATORY CONTROL SAMPLE: 3355461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	568	85	55-133	
2-Fluorobiphenyl (S)	%.			70	23-115	
p-Terphenyl-d14 (S)	%.			76	19-136	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

QC Batch: 731334 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50343436026, 50343436027, 50343436031, 50343436035

METHOD BLANK: 3356180 Matrix: Solid
Associated Lab Samples: 50343436026, 50343436027, 50343436031, 50343436035

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	06/05/23 15:12	
Acenaphthene	ug/kg	ND	5.0	2.0	06/05/23 15:12	
Acenaphthylene	ug/kg	ND	5.0	1.9	06/05/23 15:12	
Anthracene	ug/kg	ND	5.0	2.5	06/05/23 15:12	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	06/05/23 15:12	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	06/05/23 15:12	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	06/05/23 15:12	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	06/05/23 15:12	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	06/05/23 15:12	
Chrysene	ug/kg	ND	5.0	3.4	06/05/23 15:12	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	06/05/23 15:12	
Fluoranthene	ug/kg	ND	5.0	3.5	06/05/23 15:12	
Fluorene	ug/kg	ND	5.0	2.0	06/05/23 15:12	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	06/05/23 15:12	
Naphthalene	ug/kg	ND	5.0	4.6	06/05/23 15:12	
Phenanthrene	ug/kg	ND	5.0	3.6	06/05/23 15:12	
Pyrene	ug/kg	ND	5.0	3.4	06/05/23 15:12	
2-Fluorobiphenyl (S)	%	65	23-115		06/05/23 15:12	
p-Terphenyl-d14 (S)	%	74	19-136		06/05/23 15:12	

LABORATORY CONTROL SAMPLE: 3356181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	666	581	87	52-123	
Acenaphthene	ug/kg	668	581	87	54-119	
Acenaphthylene	ug/kg	667	598	90	55-130	
Anthracene	ug/kg	667	586	88	58-120	
Benzo(a)anthracene	ug/kg	667	616	92	59-126	
Benzo(a)pyrene	ug/kg	668	598	90	58-133	
Benzo(b)fluoranthene	ug/kg	667	564	85	54-137	
Benzo(g,h,i)perylene	ug/kg	667	585	88	53-127	
Benzo(k)fluoranthene	ug/kg	667	619	93	54-126	
Chrysene	ug/kg	669	610	91	59-129	
Dibenz(a,h)anthracene	ug/kg	667	596	89	54-128	
Fluoranthene	ug/kg	668	630	94	58-137	
Fluorene	ug/kg	667	599	90	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	587	88	56-129	
Naphthalene	ug/kg	667	582	87	48-112	
Phenanthrene	ug/kg	667	583	87	57-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

LABORATORY CONTROL SAMPLE: 3356181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	668	601	90	55-133	
2-Fluorobiphenyl (S)	%.			80	23-115	
p-Terphenyl-d14 (S)	%.			86	19-136	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

QC Batch: 732740

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343436001, 50343436002, 50343436003, 50343436004, 50343436005, 50343436006, 50343436007

SAMPLE DUPLICATE: 3362854

Parameter	Units	50343434027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.6	17.2	4	5	N2

SAMPLE DUPLICATE: 3362855

Parameter	Units	50343436007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.3	14.3	7	5	N2,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

QC Batch:	732741	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343436008, 50343436009, 50343436010, 50343436011, 50343436012, 50343436013, 50343436014, 50343436015, 50343436016, 50343436017, 50343436018, 50343436019, 50343436020, 50343436021, 50343436022, 50343436023, 50343436024, 50343436025, 50343436026, 50343436027

SAMPLE DUPLICATE: 3362857

Parameter	Units	50343436008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	14.7	6	5	N2,R1

SAMPLE DUPLICATE: 3362858

Parameter	Units	50343436027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.3	12.8	4	5	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

QC Batch:	732743	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50343436028, 50343436029, 50343436030, 50343436031, 50343436032, 50343436033, 50343436034, 50343436035, 50343436036, 50343436037, 50343436038, 50343436039

SAMPLE DUPLICATE: 3362863

Parameter	Units	50343436028 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.2	13.0	9	5	N2,R1

SAMPLE DUPLICATE: 3362864

Parameter	Units	50343457007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.9	3.0	6	5	N2,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50343436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343436003	SB-89 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436004	SB-90 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436005	SB-91 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436006	SB-92 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436008	SB-94 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436009	SB-95 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436010	SB-96 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436011	SB-97 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436013	SB-99 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436014	SB-100 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436015	SB-101 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436016	SB-102 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436017	SB-103 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436018	SB-104 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436019	SB-105 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436020	SB-106 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436021	SB-107 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436022	SB-108 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436023	SB-109 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436024	SB-110 (2-4)	EPA 3050	738573	EPA 6010	739411
50343436025	SB-111 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436026	SB-112 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436027	SB-113 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436029	SB-115 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436030	SB-116 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436031	SB-117 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436032	SB-118 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436033	SB-119 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436034	SB-120 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436035	SB-121 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436036	SB-122 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436037	SB-123 (2-4)	EPA 3050	738574	EPA 6010	739421
50343436009	SB-95 (2-4)	EPA 3546	731160	EPA 8270 by SIM	737353
50343436010	SB-96 (2-4)	EPA 3546	731160	EPA 8270 by SIM	737353
50343436018	SB-104 (2-4)	EPA 3546	731160	EPA 8270 by SIM	737353
50343436026	SB-112 (2-4)	EPA 3546	731334	EPA 8270 by SIM	737354
50343436027	SB-113 (2-4)	EPA 3546	731334	EPA 8270 by SIM	737354
50343436031	SB-117 (2-4)	EPA 3546	731334	EPA 8270 by SIM	737354
50343436035	SB-121 (2-4)	EPA 3546	731334	EPA 8270 by SIM	737354
50343436001	SB-87 (2-4)	SM 2540G	732740		
50343436002	SB-88 (2-4)	SM 2540G	732740		
50343436003	SB-89 (2-4)	SM 2540G	732740		
50343436004	SB-90 (2-4)	SM 2540G	732740		
50343436005	SB-91 (2-4)	SM 2540G	732740		
50343436006	SB-92 (2-4)	SM 2540G	732740		
50343436007	SB-93 (2-4)	SM 2540G	732740		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50343436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50343436008	SB-94 (2-4)	SM 2540G	732741		
50343436009	SB-95 (2-4)	SM 2540G	732741		
50343436010	SB-96 (2-4)	SM 2540G	732741		
50343436011	SB-97 (2-4)	SM 2540G	732741		
50343436012	SB-98 (2-4)	SM 2540G	732741		
50343436013	SB-99 (2-4)	SM 2540G	732741		
50343436014	SB-100 (2-4)	SM 2540G	732741		
50343436015	SB-101 (2-4)	SM 2540G	732741		
50343436016	SB-102 (2-4)	SM 2540G	732741		
50343436017	SB-103 (2-4)	SM 2540G	732741		
50343436018	SB-104 (2-4)	SM 2540G	732741		
50343436019	SB-105 (2-4)	SM 2540G	732741		
50343436020	SB-106 (2-4)	SM 2540G	732741		
50343436021	SB-107 (2-4)	SM 2540G	732741		
50343436022	SB-108 (2-4)	SM 2540G	732741		
50343436023	SB-109 (2-4)	SM 2540G	732741		
50343436024	SB-110 (2-4)	SM 2540G	732741		
50343436025	SB-111 (2-4)	SM 2540G	732741		
50343436026	SB-112 (2-4)	SM 2540G	732741		
50343436027	SB-113 (2-4)	SM 2540G	732741		
50343436028	SB-114 (2-4)	SM 2540G	732743		
50343436029	SB-115 (2-4)	SM 2540G	732743		
50343436030	SB-116 (2-4)	SM 2540G	732743		
50343436031	SB-117 (2-4)	SM 2540G	732743		
50343436032	SB-118 (2-4)	SM 2540G	732743		
50343436033	SB-119 (2-4)	SM 2540G	732743		
50343436034	SB-120 (2-4)	SM 2540G	732743		
50343436035	SB-121 (2-4)	SM 2540G	732743		
50343436036	SB-122 (2-4)	SM 2540G	732743		
50343436037	SB-123 (2-4)	SM 2540G	732743		
50343436038	DUP 7 (2-4)	SM 2540G	732743		
50343436039	DUP 8 (2-4)	SM 2540G	732743		

REPORT OF LABORATORY ANALYSIS

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Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres
Chk

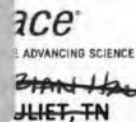
Analysis / Container / Preservative

WO# : 50343436



50343436

Chain of Custody Page ___ of ___



Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@onegas.com

Project Description:
 100 Lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188B503244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
~~ABB~~ DDD-100 Lenox

P.O. #
 3244

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 00135280

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-87 (2-4)	GRAB	SS		4/27/23	0927	1
SB-88 (2-4)					1003	
SB-89 (2-4)					0931	
SB-90 (2-4)					0930	
SB-91 (2-4)					0944	
SB-92 (2-4)					0950	
SB-93 (2-4)					0956	
SB-94 (2-4)					0959	
SB-95 (2-4)					1001	
SB-96 (2-4)					1009	

PAH 0070 (MIDLS) <330
 MI 10 METALS 6010/7471
 PAH Extract + Hold

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Brian Hall
 PM: 341 John Hawkins
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals
 RESULT 0-21 result.
 PAH Extract + Hold

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N
 See Jan

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Relinquished by: (Signature)
 M Haas

Date: 4/27/23 Time: 11052

Received by: (Signature)
 PE

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FE

Date: 4/28/23 Time: 0800

Received by: (Signature)
 [Signature]

Temp: 17 °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition: NCF / OK

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Chain of Custody Page ___ of ___



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to: Joshua Schuyler

Email To: joshua.schuyler@oneatlas.com

Project Description: 100 Lenox

City/State Collected: Detroit, MI

Please Circle: PT MT CT ET

Phone: 248-669-5140

Client Project # 188BS2324A

Lab Project #

Collected by (print): Madelyn Haas

Site/Facility ID # DDD-100 Lenox

P.O. # 2324A

Collected by (signature): M Haas

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote # 00135280
 Date Results Needed

Immediately Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-97 (2-4)	GRAB	SS		4/27/23	1013	1
SB-98 (2-4)					1017	
SB-99 (2-4)					1020	
SB-100 (2-4)					1026	
SB-101 (2-4)					1038	
SB-102 (2-4)					1117	
SB-103 (2-4)					1120	
SB-104 (2-4)					1129	
SB-105 (2-4)					1132	
SB-106 (2-4)					1139	

Analysis / Container / Preservative									
PAH 8270 (MTRIS) 4330									
MI 10 Metals 6010/7471									
PAH Extract + Hold									

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: BRIAN HALL
 PM: 341 - John Hawkins
 PB:
 Shipped Via:
 Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals
 result for 0-2' result.
 PAH Extract + Hold

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
If Applicable
 VOA Zero HeadSpace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N
see doc

Relinquished by: (Signature) M Haas
 Relinquished by: (Signature) KE
 Relinquished by: (Signature)

Date: 4/27/23
 Date: 4/28/23
 Date:

Time: 11050
 Time: 0900
 Time:

Received by: (Signature) KE
 Received by: (Signature) [Signature]
 Received for lab by: (Signature)

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR
 Temp: 17 °C
 Bottles Received:
 Hold:
 Condition:
 Page 60 of 67

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Report to:
 Madel Joshua Schuyler

Email To:
 joshua.schuyler@oneatlus.com

Project Description:
 100 lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140

Client Project #
 188BS2324A

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDD-100 lenox

P.O. #
 002324A

Collected by (signature):
 M Haas

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 00135280

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-107 (2-4)	GRAB	SS		4/27/23	1142	1
SB-108 (2-4)					1145	1
SB-109 (2-4)					1151	1
SB-110 (2-4)					1200	1
SB-111 (2-4)					1205	1
SB-112 (2-4)					1240	1
SB-113 (2-4)					1244	1
SB-114 (2-4)					1248	1
SB-115 (2-4)					1251	1
SB-116 (2-4)					1254	1

PAH 8370 (MI TDLs) 2330
 MI 10 METALS 6010/7471
 PAH EXTRACT + HOLD

SDG #
 Table #
 Acctnum: ATCNMI
 Template:
 Prelogin: Bryan Hall
 PM: 341 John Hawkins
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals for 0-2' results PAH Extract + Hold
 pH ___ Temp ___
 Flow ___ Other ___

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero HeadSpace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N

Relinquished by: (Signature)
 M Haas

Date:
 4/27/23

Time:
 1052

Received by: (Signature)
 FE

Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)
 FE

Date:
 4/28/23

Time:
 0858

Received by: (Signature)
 [Signature]

Temp: 1.7 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 Page 61 of 67

Company Name/Address:
ATC Group Services - Novi, MI
 46555 Humboldt Drive Suite 100
 Novi, MI 48377

Billing Information:
Accounts Payable
 46555 Humboldt Dr., Ste.100
 Novi, MI 48377

Pres Chk
 Analysis / Container / Preservative

Chain of Custody Page ___ of ___



INDY
MT JULIET, TN

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:
 Joshua Schuyler

Email To:
 joshua.schuyler@oneatlas.com

Project Description:
 100 lenox

City/State Collected:
 Detroit, MI

Please Circle:
 PT MT CT ET

Phone: 248-669-5140


Client Project #
 188BS23244

Lab Project #

Collected by (print):
 Madelyn Haas

Site/Facility ID #
 DDP-100 lenox

P.O. #
 23244

Collected by (signature):


Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 00135280
 Date Results Needed

Immediately Packed on Ice N Y

PAH 8270 (MI TDR) 2330
 MI 10 METALS 0010/7471
 PAH Extract + Hold

SDG #
 Table #
 Acctnum: **ATCNMI**
 Template:
 Prelogin: **BRIAN HALL**
 PM: 341 **John Hawkins**
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SB-117 (2-4)	GRAB	SS		4/27/23	1259	1
SB-118 (2-4)					1310	
SB-119 (2-4)					1331	
SB-120 (2-4)					1336	
SB-121 (2-4)					1338	
SB-122 (2-4)					1341	
SB-123 (2-4)					1348	
Dup 7 (2-4)					0000	
Dup 8 (2-4)					0000	

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *H = Hold sample analysis pending totals
 result for 0-2' result.
 PAH Extract + Hold

pH _____ Temp _____
 Flow _____ Other _____

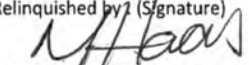
Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		Y	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero HeadSpace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

See scan

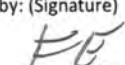
Samples returned via:
 UPS FedEx Courier

Tracking #

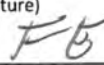
Relinquished by (Signature)


Date:
 4/27/23

Time:
 11:52

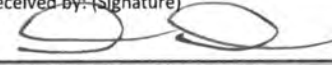
Received by: (Signature)


Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)


Date:
 4/28/23

Time:
 08:58

Received by: (Signature)


Temp: 17 °C
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold: Condition:
 NCF / BK



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: DO 4/28/20 1340

1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes) Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 A B C D E F

4. Cooler Temperature(s): 1.6/1.7
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?		<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

May 25, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on May 11, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50344593001	SP (N)-1	Solid	05/10/23 10:34	05/11/23 09:15
50344593002	SP (N)-2	Solid	05/10/23 10:59	05/11/23 09:15
50344593003	SP (N)-3	Solid	05/10/23 11:25	05/11/23 09:15
50344593004	SP (N)-4	Solid	05/10/23 11:54	05/11/23 09:15
50344593005	SP (N)-5	Solid	05/10/23 12:23	05/11/23 09:15
50344593006	SP (N)-6	Solid	05/10/23 12:51	05/11/23 09:15
50344593007	SP (E)-1	Solid	05/10/23 13:20	05/11/23 09:15
50344593008	SP (S)-1	Solid	05/10/23 13:50	05/11/23 09:15
50344593009	DUP-1	Solid	05/10/23 00:00	05/11/23 09:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50344593001	SP (N)-1	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
50344593002	SP (N)-2	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
50344593003	SP (N)-3	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
50344593004	SP (N)-4	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
50344593005	SP (N)-5	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
50344593006	SP (N)-6	EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50344593007	SP (E)-1	EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
50344593008	SP (S)-1	EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 8082	AM	10	PASI-I
		EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 8082	AM	10	PASI-I
50344593009	DUP-1	EPA 6010	ELK	6	PASI-I
		EPA 6020	MGM	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270	JCM	67	PASI-I
		EPA 8260	TKG	75	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-1 **Lab ID: 50344593001** Collected: 05/10/23 10:34 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	112	4.2	1	05/16/23 12:05	05/16/23 22:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	112	5.3	1	05/16/23 12:05	05/16/23 22:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	112	5.8	1	05/16/23 12:05	05/16/23 22:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	112	4.9	1	05/16/23 12:05	05/16/23 22:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	112	3.4	1	05/16/23 12:05	05/16/23 22:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	112	5.1	1	05/16/23 12:05	05/16/23 22:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	112	5.3	1	05/16/23 12:05	05/16/23 22:45	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	112	4.1	1	05/16/23 12:05	05/16/23 22:45	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	112	5.9	1	05/16/23 12:05	05/16/23 22:45	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	74	%	10-133		1	05/16/23 12:05	05/16/23 22:45	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9420	ug/kg	1160	192	1	05/19/23 16:03	05/22/23 17:02	7440-38-2	
Barium	463000	ug/kg	1160	218	1	05/19/23 16:03	05/22/23 17:02	7440-39-3	
Chromium	26700	ug/kg	1160	1100	1	05/19/23 16:03	05/22/23 17:02	7440-47-3	
Copper	294000	ug/kg	1160	276	1	05/19/23 16:03	05/22/23 17:02	7440-50-8	
Lead	320000	ug/kg	1160	536	1	05/19/23 16:03	05/22/23 17:02	7439-92-1	
Zinc	873000	ug/kg	1160	1000	1	05/19/23 16:03	05/22/23 17:02	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	12300	ug/kg	57.6	26.2	1	05/14/23 22:00	05/17/23 05:18	7440-43-9	
Selenium	4500	ug/kg	576	163	5	05/14/23 22:00	05/17/23 00:01	7782-49-2	
Silver	209	ug/kg	57.6	2.6	1	05/14/23 22:00	05/17/23 05:18	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	752	ug/kg	234	26.9	1	05/18/23 21:20	05/19/23 12:48	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	225J	ug/kg	378	101	1	05/18/23 10:00	05/22/23 19:02	83-32-9	
Acenaphthylene	ND	ug/kg	378	113	1	05/18/23 10:00	05/22/23 19:02	208-96-8	
Anthracene	763	ug/kg	378	155	1	05/18/23 10:00	05/22/23 19:02	120-12-7	
Benzo(a)anthracene	2790	ug/kg	378	112	1	05/18/23 10:00	05/22/23 19:02	56-55-3	
Benzo(a)pyrene	2400	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:02	50-32-8	
Benzo(b)fluoranthene	2730	ug/kg	378	124	1	05/18/23 10:00	05/22/23 19:02	205-99-2	
Benzo(g,h,i)perylene	1300	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:02	191-24-2	
Benzo(k)fluoranthene	1130	ug/kg	378	137	1	05/18/23 10:00	05/22/23 19:02	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	378	141	1	05/18/23 10:00	05/22/23 19:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	378	207	1	05/18/23 10:00	05/22/23 19:02	85-68-7	
Carbazole	ND	ug/kg	378	154	1	05/18/23 10:00	05/22/23 19:02	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-1 **Lab ID: 50344593001** Collected: 05/10/23 10:34 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	756	154	1	05/18/23 10:00	05/22/23 19:02	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	378	121	1	05/18/23 10:00	05/22/23 19:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	378	146	1	05/18/23 10:00	05/22/23 19:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	378	132	1	05/18/23 10:00	05/22/23 19:02	108-60-1	
2-Chloronaphthalene	ND	ug/kg	378	106	1	05/18/23 10:00	05/22/23 19:02	91-58-7	
2-Chlorophenol	ND	ug/kg	378	135	1	05/18/23 10:00	05/22/23 19:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	378	116	1	05/18/23 10:00	05/22/23 19:02	7005-72-3	
Chrysene	2740	ug/kg	378	124	1	05/18/23 10:00	05/22/23 19:02	218-01-9	
Dibenz(a,h)anthracene	379	ug/kg	378	135	1	05/18/23 10:00	05/22/23 19:02	53-70-3	
Dibenzofuran	ND	ug/kg	378	118	1	05/18/23 10:00	05/22/23 19:02	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	378	131	1	05/18/23 10:00	05/22/23 19:02	120-83-2	
Diethylphthalate	ND	ug/kg	378	318	1	05/18/23 10:00	05/22/23 19:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	378	131	1	05/18/23 10:00	05/22/23 19:02	105-67-9	
Dimethylphthalate	ND	ug/kg	378	127	1	05/18/23 10:00	05/22/23 19:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	756	230	1	05/18/23 10:00	05/22/23 19:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1830	209	1	05/18/23 10:00	05/22/23 19:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	378	126	1	05/18/23 10:00	05/22/23 19:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	378	108	1	05/18/23 10:00	05/22/23 19:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:02	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1830	118	1	05/18/23 10:00	05/22/23 19:02	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	378	116	1	05/18/23 10:00	05/22/23 19:02	117-81-7	
Fluoranthene	4950	ug/kg	378	145	1	05/18/23 10:00	05/22/23 19:02	206-44-0	
Fluorene	207J	ug/kg	378	127	1	05/18/23 10:00	05/22/23 19:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	378	103	1	05/18/23 10:00	05/22/23 19:02	87-68-3	
Hexachlorobenzene	ND	ug/kg	378	95.7	1	05/18/23 10:00	05/22/23 19:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	378	185	1	05/18/23 10:00	05/22/23 19:02	77-47-4	
Hexachloroethane	ND	ug/kg	378	115	1	05/18/23 10:00	05/22/23 19:02	67-72-1	
Indeno(1,2,3-cd)pyrene	1210	ug/kg	378	137	1	05/18/23 10:00	05/22/23 19:02	193-39-5	
Isophorone	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:02	78-59-1	
2-Methylnaphthalene	ND	ug/kg	378	113	1	05/18/23 10:00	05/22/23 19:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	378	162	1	05/18/23 10:00	05/22/23 19:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	756	158	1	05/18/23 10:00	05/22/23 19:02		
Naphthalene	ND	ug/kg	378	109	1	05/18/23 10:00	05/22/23 19:02	91-20-3	
2-Nitroaniline	ND	ug/kg	378	155	1	05/18/23 10:00	05/22/23 19:02	88-74-4	
3-Nitroaniline	ND	ug/kg	378	136	1	05/18/23 10:00	05/22/23 19:02	99-09-2	
4-Nitroaniline	ND	ug/kg	378	151	1	05/18/23 10:00	05/22/23 19:02	100-01-6	
Nitrobenzene	ND	ug/kg	378	126	1	05/18/23 10:00	05/22/23 19:02	98-95-3	
2-Nitrophenol	ND	ug/kg	378	146	1	05/18/23 10:00	05/22/23 19:02	88-75-5	
4-Nitrophenol	ND	ug/kg	1830	286	1	05/18/23 10:00	05/22/23 19:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	378	148	1	05/18/23 10:00	05/22/23 19:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	378	145	1	05/18/23 10:00	05/22/23 19:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:02	86-30-6	
Pentachlorophenol	ND	ug/kg	1830	290	1	05/18/23 10:00	05/22/23 19:02	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-1 **Lab ID: 50344593001** Collected: 05/10/23 10:34 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	3230	ug/kg	378	147	1	05/18/23 10:00	05/22/23 19:02	85-01-8	
Phenol	ND	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:02	108-95-2	
Pyrene	5220	ug/kg	378	119	1	05/18/23 10:00	05/22/23 19:02	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	378	132	1	05/18/23 10:00	05/22/23 19:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	378	116	1	05/18/23 10:00	05/22/23 19:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	32-95		1	05/18/23 10:00	05/22/23 19:02	4165-60-0	
Phenol-d5 (S)	62	%	27-116		1	05/18/23 10:00	05/22/23 19:02	4165-62-2	
2-Fluorophenol (S)	62	%	21-109		1	05/18/23 10:00	05/22/23 19:02	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-121		1	05/18/23 10:00	05/22/23 19:02	118-79-6	
2-Fluorobiphenyl (S)	67	%	33-102		1	05/18/23 10:00	05/22/23 19:02	321-60-8	
p-Terphenyl-d14 (S)	76	%	20-120		1	05/18/23 10:00	05/22/23 19:02	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1370	137	1		05/16/23 16:43	67-64-1	
Acrylonitrile	ND	ug/kg	1370	137	1		05/16/23 16:43	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	342	137	1		05/16/23 16:43	994-05-8	N2
Benzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	71-43-2	
Bromobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	108-86-1	
Bromochloromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	74-97-5	
Bromodichloromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-27-4	
Bromoform	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-25-2	
Bromomethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	342	171	1		05/16/23 16:43	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	683	137	1		05/16/23 16:43	75-65-0	
n-Butylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	98-06-6	
Carbon disulfide	ND	ug/kg	137	68.3	1		05/16/23 16:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	56-23-5	
Chlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	108-90-7	
Chloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-00-3	
Chloroform	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	67-66-3	
Chloromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	74-87-3	
Cyclohexane	ND	ug/kg	1370	137	1		05/16/23 16:43	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	137	68.3	1		05/16/23 16:43	96-12-8	
Dibromochloromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	106-93-4	
Dibromomethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-1 **Lab ID: 50344593001** Collected: 05/10/23 10:34 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1370	137	1		05/16/23 16:43	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	60-29-7	
Diisopropyl ether	ND	ug/kg	342	137	1		05/16/23 16:43	108-20-3	N2
Ethylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	342	137	1		05/16/23 16:43	637-92-3	N2
Hexachloroethane	ND	ug/kg	342	137	1		05/16/23 16:43	67-72-1	N2
2-Hexanone	ND	ug/kg	1370	137	1		05/16/23 16:43	591-78-6	
Iodomethane	ND	ug/kg	1370	137	1		05/16/23 16:43	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	99-87-6	
Methylene Chloride	ND	ug/kg	273	137	1		05/16/23 16:43	75-09-2	
2-Methylnaphthalene	ND	ug/kg	342	68.3	1		05/16/23 16:43	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	342	171	1		05/16/23 16:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	1634-04-4	
Naphthalene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	91-20-3	
n-Propylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	103-65-1	
Styrene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	79-34-5	
Tetrachloroethene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	127-18-4	
Tetrahydrofuran	ND	ug/kg	1370	137	1		05/16/23 16:43	109-99-9	N2
Toluene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	79-00-5	
Trichloroethene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	68.3	68.3	1		05/16/23 16:43	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	108-67-8	
Vinyl chloride	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	75-01-4	
m&p-Xylene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	179601-23-1	
o-Xylene	ND	ug/kg	68.3	34.2	1		05/16/23 16:43	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-1 **Lab ID: 50344593001** Collected: 05/10/23 10:34 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	111	%	82-128		1		05/16/23 16:43	1868-53-7	
Toluene-d8 (S)	110	%	73-122		1		05/16/23 16:43	2037-26-5	
4-Bromofluorobenzene (S)	118	%	79-124		1		05/16/23 16:43	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.8	%	0.10	0.10	1		05/22/23 14:43		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-2 **Lab ID: 50344593002** Collected: 05/10/23 10:59 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	110	4.1	1	05/16/23 12:05	05/16/23 23:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	110	5.1	1	05/16/23 12:05	05/16/23 23:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	110	5.7	1	05/16/23 12:05	05/16/23 23:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	110	4.8	1	05/16/23 12:05	05/16/23 23:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	110	3.4	1	05/16/23 12:05	05/16/23 23:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	110	4.9	1	05/16/23 12:05	05/16/23 23:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	110	5.2	1	05/16/23 12:05	05/16/23 23:30	11096-82-5	
PCB-1262 (Aroclor 1262)	6.9J	ug/kg	110	4.0	1	05/16/23 12:05	05/16/23 23:30	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	110	5.8	1	05/16/23 12:05	05/16/23 23:30	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	64	%	10-133		1	05/16/23 12:05	05/16/23 23:30	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7190	ug/kg	1040	172	1	05/19/23 16:03	05/22/23 17:05	7440-38-2	
Barium	353000	ug/kg	1040	195	1	05/19/23 16:03	05/22/23 17:05	7440-39-3	
Chromium	18400	ug/kg	1040	987	1	05/19/23 16:03	05/22/23 17:05	7440-47-3	
Copper	172000	ug/kg	1040	247	1	05/19/23 16:03	05/22/23 17:05	7440-50-8	
Lead	304000	ug/kg	1040	481	1	05/19/23 16:03	05/22/23 17:05	7439-92-1	
Zinc	258000	ug/kg	1040	897	1	05/19/23 16:03	05/22/23 17:05	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4650	ug/kg	55.0	25.0	1	05/14/23 22:00	05/17/23 05:22	7440-43-9	
Selenium	4440	ug/kg	550	155	5	05/14/23 22:00	05/17/23 00:05	7782-49-2	
Silver	124	ug/kg	55.0	2.4	1	05/14/23 22:00	05/17/23 05:22	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	588	ug/kg	224	25.7	1	05/18/23 21:20	05/19/23 12:56	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	366	97.7	1	05/18/23 10:00	05/22/23 19:19	83-32-9	
Acenaphthylene	ND	ug/kg	366	109	1	05/18/23 10:00	05/22/23 19:19	208-96-8	
Anthracene	487	ug/kg	366	150	1	05/18/23 10:00	05/22/23 19:19	120-12-7	
Benzo(a)anthracene	1840	ug/kg	366	109	1	05/18/23 10:00	05/22/23 19:19	56-55-3	
Benzo(a)pyrene	1750	ug/kg	366	120	1	05/18/23 10:00	05/22/23 19:19	50-32-8	
Benzo(b)fluoranthene	1900	ug/kg	366	120	1	05/18/23 10:00	05/22/23 19:19	205-99-2	
Benzo(g,h,i)perylene	938	ug/kg	366	133	1	05/18/23 10:00	05/22/23 19:19	191-24-2	
Benzo(k)fluoranthene	851	ug/kg	366	133	1	05/18/23 10:00	05/22/23 19:19	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	366	136	1	05/18/23 10:00	05/22/23 19:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	366	200	1	05/18/23 10:00	05/22/23 19:19	85-68-7	
Carbazole	208J	ug/kg	366	149	1	05/18/23 10:00	05/22/23 19:19	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-2 **Lab ID: 50344593002** Collected: 05/10/23 10:59 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	732	149	1	05/18/23 10:00	05/22/23 19:19	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	366	117	1	05/18/23 10:00	05/22/23 19:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	366	141	1	05/18/23 10:00	05/22/23 19:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	366	127	1	05/18/23 10:00	05/22/23 19:19	108-60-1	
2-Chloronaphthalene	ND	ug/kg	366	103	1	05/18/23 10:00	05/22/23 19:19	91-58-7	
2-Chlorophenol	ND	ug/kg	366	131	1	05/18/23 10:00	05/22/23 19:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	366	113	1	05/18/23 10:00	05/22/23 19:19	7005-72-3	
Chrysene	1870	ug/kg	366	120	1	05/18/23 10:00	05/22/23 19:19	218-01-9	
Dibenz(a,h)anthracene	251J	ug/kg	366	131	1	05/18/23 10:00	05/22/23 19:19	53-70-3	
Dibenzofuran	ND	ug/kg	366	114	1	05/18/23 10:00	05/22/23 19:19	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	366	127	1	05/18/23 10:00	05/22/23 19:19	120-83-2	
Diethylphthalate	ND	ug/kg	366	308	1	05/18/23 10:00	05/22/23 19:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	366	127	1	05/18/23 10:00	05/22/23 19:19	105-67-9	
Dimethylphthalate	ND	ug/kg	366	123	1	05/18/23 10:00	05/22/23 19:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	366	134	1	05/18/23 10:00	05/22/23 19:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	732	223	1	05/18/23 10:00	05/22/23 19:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1770	202	1	05/18/23 10:00	05/22/23 19:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	366	122	1	05/18/23 10:00	05/22/23 19:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	366	105	1	05/18/23 10:00	05/22/23 19:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	366	134	1	05/18/23 10:00	05/22/23 19:19	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1770	114	1	05/18/23 10:00	05/22/23 19:19	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	366	112	1	05/18/23 10:00	05/22/23 19:19	117-81-7	
Fluoranthene	3620	ug/kg	366	140	1	05/18/23 10:00	05/22/23 19:19	206-44-0	
Fluorene	ND	ug/kg	366	123	1	05/18/23 10:00	05/22/23 19:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	366	99.3	1	05/18/23 10:00	05/22/23 19:19	87-68-3	
Hexachlorobenzene	ND	ug/kg	366	92.6	1	05/18/23 10:00	05/22/23 19:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	366	179	1	05/18/23 10:00	05/22/23 19:19	77-47-4	
Hexachloroethane	ND	ug/kg	366	111	1	05/18/23 10:00	05/22/23 19:19	67-72-1	
Indeno(1,2,3-cd)pyrene	817	ug/kg	366	133	1	05/18/23 10:00	05/22/23 19:19	193-39-5	
Isophorone	ND	ug/kg	366	119	1	05/18/23 10:00	05/22/23 19:19	78-59-1	
2-Methylnaphthalene	ND	ug/kg	366	109	1	05/18/23 10:00	05/22/23 19:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	366	156	1	05/18/23 10:00	05/22/23 19:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	732	153	1	05/18/23 10:00	05/22/23 19:19		
Naphthalene	ND	ug/kg	366	105	1	05/18/23 10:00	05/22/23 19:19	91-20-3	
2-Nitroaniline	ND	ug/kg	366	150	1	05/18/23 10:00	05/22/23 19:19	88-74-4	
3-Nitroaniline	ND	ug/kg	366	132	1	05/18/23 10:00	05/22/23 19:19	99-09-2	
4-Nitroaniline	ND	ug/kg	366	146	1	05/18/23 10:00	05/22/23 19:19	100-01-6	
Nitrobenzene	ND	ug/kg	366	122	1	05/18/23 10:00	05/22/23 19:19	98-95-3	
2-Nitrophenol	ND	ug/kg	366	141	1	05/18/23 10:00	05/22/23 19:19	88-75-5	
4-Nitrophenol	ND	ug/kg	1770	277	1	05/18/23 10:00	05/22/23 19:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	366	143	1	05/18/23 10:00	05/22/23 19:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	366	140	1	05/18/23 10:00	05/22/23 19:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	366	119	1	05/18/23 10:00	05/22/23 19:19	86-30-6	
Pentachlorophenol	ND	ug/kg	1770	281	1	05/18/23 10:00	05/22/23 19:19	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-2 **Lab ID: 50344593002** Collected: 05/10/23 10:59 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	2260	ug/kg	366	142	1	05/18/23 10:00	05/22/23 19:19	85-01-8	
Phenol	ND	ug/kg	366	134	1	05/18/23 10:00	05/22/23 19:19	108-95-2	
Pyrene	3500	ug/kg	366	116	1	05/18/23 10:00	05/22/23 19:19	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	366	119	1	05/18/23 10:00	05/22/23 19:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	366	127	1	05/18/23 10:00	05/22/23 19:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	366	112	1	05/18/23 10:00	05/22/23 19:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	32-95		1	05/18/23 10:00	05/22/23 19:19	4165-60-0	
Phenol-d5 (S)	71	%	27-116		1	05/18/23 10:00	05/22/23 19:19	4165-62-2	
2-Fluorophenol (S)	76	%	21-109		1	05/18/23 10:00	05/22/23 19:19	367-12-4	
2,4,6-Tribromophenol (S)	114	%	10-121		1	05/18/23 10:00	05/22/23 19:19	118-79-6	
2-Fluorobiphenyl (S)	78	%	33-102		1	05/18/23 10:00	05/22/23 19:19	321-60-8	
p-Terphenyl-d14 (S)	91	%	20-120		1	05/18/23 10:00	05/22/23 19:19	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1330	133	1		05/16/23 17:13	67-64-1	
Acrylonitrile	ND	ug/kg	1330	133	1		05/16/23 17:13	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	332	133	1		05/16/23 17:13	994-05-8	N2
Benzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	71-43-2	
Bromobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	108-86-1	
Bromochloromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	74-97-5	
Bromodichloromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-27-4	
Bromoform	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-25-2	
Bromomethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	332	166	1		05/16/23 17:13	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	664	133	1		05/16/23 17:13	75-65-0	
n-Butylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	98-06-6	
Carbon disulfide	ND	ug/kg	133	66.4	1		05/16/23 17:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	56-23-5	
Chlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	108-90-7	
Chloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-00-3	
Chloroform	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	67-66-3	
Chloromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	74-87-3	
Cyclohexane	ND	ug/kg	1330	133	1		05/16/23 17:13	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	133	66.4	1		05/16/23 17:13	96-12-8	
Dibromochloromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	106-93-4	
Dibromomethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-2 **Lab ID: 50344593002** Collected: 05/10/23 10:59 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1330	133	1		05/16/23 17:13	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	60-29-7	
Diisopropyl ether	ND	ug/kg	332	133	1		05/16/23 17:13	108-20-3	N2
Ethylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	332	133	1		05/16/23 17:13	637-92-3	N2
Hexachloroethane	ND	ug/kg	332	133	1		05/16/23 17:13	67-72-1	N2
2-Hexanone	ND	ug/kg	1330	133	1		05/16/23 17:13	591-78-6	
Iodomethane	ND	ug/kg	1330	133	1		05/16/23 17:13	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	99-87-6	
Methylene Chloride	ND	ug/kg	266	133	1		05/16/23 17:13	75-09-2	
2-Methylnaphthalene	ND	ug/kg	332	66.4	1		05/16/23 17:13	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	332	166	1		05/16/23 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	1634-04-4	
Naphthalene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	91-20-3	
n-Propylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	103-65-1	
Styrene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	79-34-5	
Tetrachloroethene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	127-18-4	
Tetrahydrofuran	ND	ug/kg	1330	133	1		05/16/23 17:13	109-99-9	N2
Toluene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	79-00-5	
Trichloroethene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	66.4	66.4	1		05/16/23 17:13	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	108-67-8	
Vinyl chloride	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	75-01-4	
m&p-Xylene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	179601-23-1	
o-Xylene	ND	ug/kg	66.4	33.2	1		05/16/23 17:13	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-2 **Lab ID: 50344593002** Collected: 05/10/23 10:59 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	110	%	82-128		1		05/16/23 17:13	1868-53-7	
Toluene-d8 (S)	110	%	73-122		1		05/16/23 17:13	2037-26-5	
4-Bromofluorobenzene (S)	116	%	79-124		1		05/16/23 17:13	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.4	%	0.10	0.10	1		05/22/23 14:43		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-3 **Lab ID: 50344593003** Collected: 05/10/23 11:25 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	114	4.2	1	05/16/23 12:05	05/16/23 23:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	114	5.3	1	05/16/23 12:05	05/16/23 23:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	114	5.9	1	05/16/23 12:05	05/16/23 23:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	114	5.0	1	05/16/23 12:05	05/16/23 23:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	114	3.5	1	05/16/23 12:05	05/16/23 23:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	114	5.1	1	05/16/23 12:05	05/16/23 23:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	114	5.3	1	05/16/23 12:05	05/16/23 23:45	11096-82-5	
PCB-1262 (Aroclor 1262)	7.5J	ug/kg	114	4.1	1	05/16/23 12:05	05/16/23 23:45	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	114	6.0	1	05/16/23 12:05	05/16/23 23:45	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	71	%	10-133		1	05/16/23 12:05	05/16/23 23:45	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6590	ug/kg	1020	170	1	05/19/23 16:03	05/22/23 17:07	7440-38-2	
Barium	198000	ug/kg	1020	192	1	05/19/23 16:03	05/22/23 17:07	7440-39-3	
Chromium	14300	ug/kg	1020	971	1	05/19/23 16:03	05/22/23 17:07	7440-47-3	
Copper	79200	ug/kg	1020	243	1	05/19/23 16:03	05/22/23 17:07	7440-50-8	
Lead	190000	ug/kg	1020	473	1	05/19/23 16:03	05/22/23 17:07	7439-92-1	
Zinc	203000	ug/kg	1020	883	1	05/19/23 16:03	05/22/23 17:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	20100	ug/kg	56.0	25.4	1	05/14/23 22:00	05/17/23 05:26	7440-43-9	
Selenium	4050	ug/kg	560	158	5	05/14/23 22:00	05/17/23 00:09	7782-49-2	
Silver	146	ug/kg	56.0	2.5	1	05/14/23 22:00	05/17/23 05:26	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	402	ug/kg	229	26.4	1	05/18/23 21:20	05/19/23 13:03	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	369	98.5	1	05/18/23 10:00	05/22/23 19:35	83-32-9	
Acenaphthylene	ND	ug/kg	369	110	1	05/18/23 10:00	05/22/23 19:35	208-96-8	
Anthracene	ND	ug/kg	369	151	1	05/18/23 10:00	05/22/23 19:35	120-12-7	
Benzo(a)anthracene	556	ug/kg	369	110	1	05/18/23 10:00	05/22/23 19:35	56-55-3	
Benzo(a)pyrene	517	ug/kg	369	120	1	05/18/23 10:00	05/22/23 19:35	50-32-8	
Benzo(b)fluoranthene	600	ug/kg	369	121	1	05/18/23 10:00	05/22/23 19:35	205-99-2	
Benzo(g,h,i)perylene	272J	ug/kg	369	134	1	05/18/23 10:00	05/22/23 19:35	191-24-2	
Benzo(k)fluoranthene	255J	ug/kg	369	134	1	05/18/23 10:00	05/22/23 19:35	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	369	137	1	05/18/23 10:00	05/22/23 19:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	369	202	1	05/18/23 10:00	05/22/23 19:35	85-68-7	
Carbazole	ND	ug/kg	369	150	1	05/18/23 10:00	05/22/23 19:35	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-3 **Lab ID: 50344593003** Collected: 05/10/23 11:25 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	738	150	1	05/18/23 10:00	05/22/23 19:35	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	118	1	05/18/23 10:00	05/22/23 19:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	142	1	05/18/23 10:00	05/22/23 19:35	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	128	1	05/18/23 10:00	05/22/23 19:35	108-60-1	
2-Chloronaphthalene	ND	ug/kg	369	104	1	05/18/23 10:00	05/22/23 19:35	91-58-7	
2-Chlorophenol	ND	ug/kg	369	132	1	05/18/23 10:00	05/22/23 19:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	114	1	05/18/23 10:00	05/22/23 19:35	7005-72-3	
Chrysene	575	ug/kg	369	121	1	05/18/23 10:00	05/22/23 19:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	369	132	1	05/18/23 10:00	05/22/23 19:35	53-70-3	
Dibenzofuran	ND	ug/kg	369	115	1	05/18/23 10:00	05/22/23 19:35	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	369	128	1	05/18/23 10:00	05/22/23 19:35	120-83-2	
Diethylphthalate	ND	ug/kg	369	311	1	05/18/23 10:00	05/22/23 19:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	369	128	1	05/18/23 10:00	05/22/23 19:35	105-67-9	
Dimethylphthalate	ND	ug/kg	369	124	1	05/18/23 10:00	05/22/23 19:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	369	135	1	05/18/23 10:00	05/22/23 19:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	738	225	1	05/18/23 10:00	05/22/23 19:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1790	203	1	05/18/23 10:00	05/22/23 19:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	123	1	05/18/23 10:00	05/22/23 19:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	105	1	05/18/23 10:00	05/22/23 19:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	369	135	1	05/18/23 10:00	05/22/23 19:35	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1790	115	1	05/18/23 10:00	05/22/23 19:35	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	113	1	05/18/23 10:00	05/22/23 19:35	117-81-7	
Fluoranthene	1030	ug/kg	369	141	1	05/18/23 10:00	05/22/23 19:35	206-44-0	
Fluorene	ND	ug/kg	369	124	1	05/18/23 10:00	05/22/23 19:35	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	100	1	05/18/23 10:00	05/22/23 19:35	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	93.3	1	05/18/23 10:00	05/22/23 19:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	180	1	05/18/23 10:00	05/22/23 19:35	77-47-4	
Hexachloroethane	ND	ug/kg	369	112	1	05/18/23 10:00	05/22/23 19:35	67-72-1	
Indeno(1,2,3-cd)pyrene	257J	ug/kg	369	134	1	05/18/23 10:00	05/22/23 19:35	193-39-5	
Isophorone	ND	ug/kg	369	120	1	05/18/23 10:00	05/22/23 19:35	78-59-1	
2-Methylnaphthalene	ND	ug/kg	369	110	1	05/18/23 10:00	05/22/23 19:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	158	1	05/18/23 10:00	05/22/23 19:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	738	154	1	05/18/23 10:00	05/22/23 19:35		
Naphthalene	ND	ug/kg	369	106	1	05/18/23 10:00	05/22/23 19:35	91-20-3	
2-Nitroaniline	ND	ug/kg	369	151	1	05/18/23 10:00	05/22/23 19:35	88-74-4	
3-Nitroaniline	ND	ug/kg	369	133	1	05/18/23 10:00	05/22/23 19:35	99-09-2	
4-Nitroaniline	ND	ug/kg	369	147	1	05/18/23 10:00	05/22/23 19:35	100-01-6	
Nitrobenzene	ND	ug/kg	369	123	1	05/18/23 10:00	05/22/23 19:35	98-95-3	
2-Nitrophenol	ND	ug/kg	369	143	1	05/18/23 10:00	05/22/23 19:35	88-75-5	
4-Nitrophenol	ND	ug/kg	1790	279	1	05/18/23 10:00	05/22/23 19:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	369	144	1	05/18/23 10:00	05/22/23 19:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	369	142	1	05/18/23 10:00	05/22/23 19:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	120	1	05/18/23 10:00	05/22/23 19:35	86-30-6	
Pentachlorophenol	ND	ug/kg	1790	283	1	05/18/23 10:00	05/22/23 19:35	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-3 **Lab ID: 50344593003** Collected: 05/10/23 11:25 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	642	ug/kg	369	144	1	05/18/23 10:00	05/22/23 19:35	85-01-8	
Phenol	ND	ug/kg	369	135	1	05/18/23 10:00	05/22/23 19:35	108-95-2	
Pyrene	1080	ug/kg	369	117	1	05/18/23 10:00	05/22/23 19:35	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	369	120	1	05/18/23 10:00	05/22/23 19:35	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	369	129	1	05/18/23 10:00	05/22/23 19:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	113	1	05/18/23 10:00	05/22/23 19:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	32-95		1	05/18/23 10:00	05/22/23 19:35	4165-60-0	
Phenol-d5 (S)	68	%	27-116		1	05/18/23 10:00	05/22/23 19:35	4165-62-2	
2-Fluorophenol (S)	70	%	21-109		1	05/18/23 10:00	05/22/23 19:35	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-121		1	05/18/23 10:00	05/22/23 19:35	118-79-6	
2-Fluorobiphenyl (S)	75	%	33-102		1	05/18/23 10:00	05/22/23 19:35	321-60-8	
p-Terphenyl-d14 (S)	79	%	20-120		1	05/18/23 10:00	05/22/23 19:35	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1160	116	1		05/16/23 17:42	67-64-1	
Acrylonitrile	ND	ug/kg	1160	116	1		05/16/23 17:42	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	290	116	1		05/16/23 17:42	994-05-8	N2
Benzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	71-43-2	
Bromobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	108-86-1	
Bromochloromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	74-97-5	
Bromodichloromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-27-4	
Bromoform	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-25-2	
Bromomethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	290	145	1		05/16/23 17:42	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	581	116	1		05/16/23 17:42	75-65-0	
n-Butylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	98-06-6	
Carbon disulfide	ND	ug/kg	116	58.1	1		05/16/23 17:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	56-23-5	
Chlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	108-90-7	
Chloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-00-3	
Chloroform	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	67-66-3	
Chloromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	74-87-3	
Cyclohexane	ND	ug/kg	1160	116	1		05/16/23 17:42	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	116	58.1	1		05/16/23 17:42	96-12-8	
Dibromochloromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	106-93-4	
Dibromomethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-3 **Lab ID: 50344593003** Collected: 05/10/23 11:25 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1160	116	1		05/16/23 17:42	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	60-29-7	
Diisopropyl ether	ND	ug/kg	290	116	1		05/16/23 17:42	108-20-3	N2
Ethylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	290	116	1		05/16/23 17:42	637-92-3	N2
Hexachloroethane	ND	ug/kg	290	116	1		05/16/23 17:42	67-72-1	N2
2-Hexanone	ND	ug/kg	1160	116	1		05/16/23 17:42	591-78-6	
Iodomethane	ND	ug/kg	1160	116	1		05/16/23 17:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	99-87-6	
Methylene Chloride	ND	ug/kg	232	116	1		05/16/23 17:42	75-09-2	
2-Methylnaphthalene	ND	ug/kg	290	58.1	1		05/16/23 17:42	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	290	145	1		05/16/23 17:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	1634-04-4	
Naphthalene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	91-20-3	
n-Propylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	103-65-1	
Styrene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	79-34-5	
Tetrachloroethene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	127-18-4	
Tetrahydrofuran	ND	ug/kg	1160	116	1		05/16/23 17:42	109-99-9	N2
Toluene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	79-00-5	
Trichloroethene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	58.1	58.1	1		05/16/23 17:42	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	108-67-8	
Vinyl chloride	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	75-01-4	
m&p-Xylene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	179601-23-1	
o-Xylene	ND	ug/kg	58.1	29.0	1		05/16/23 17:42	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-3 **Lab ID: 50344593003** Collected: 05/10/23 11:25 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	112	%	82-128		1		05/16/23 17:42	1868-53-7	
Toluene-d8 (S)	111	%	73-122		1		05/16/23 17:42	2037-26-5	
4-Bromofluorobenzene (S)	117	%	79-124		1		05/16/23 17:42	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.6	%	0.10	0.10	1		05/22/23 16:05		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-4 **Lab ID: 50344593004** Collected: 05/10/23 11:54 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	112	4.2	1	05/16/23 12:05	05/17/23 00:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	112	5.3	1	05/16/23 12:05	05/17/23 00:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	112	5.8	1	05/16/23 12:05	05/17/23 00:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	112	4.9	1	05/16/23 12:05	05/17/23 00:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	112	3.4	1	05/16/23 12:05	05/17/23 00:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	112	5.0	1	05/16/23 12:05	05/17/23 00:00	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	112	5.3	1	05/16/23 12:05	05/17/23 00:00	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	112	4.1	1	05/16/23 12:05	05/17/23 00:00	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	112	5.9	1	05/16/23 12:05	05/17/23 00:00	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	66	%	10-133		1	05/16/23 12:05	05/17/23 00:00	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7300	ug/kg	1130	187	1	05/19/23 16:03	05/22/23 17:10	7440-38-2	
Barium	304000	ug/kg	1130	212	1	05/19/23 16:03	05/22/23 17:10	7440-39-3	
Chromium	24200	ug/kg	1130	1070	1	05/19/23 16:03	05/22/23 17:10	7440-47-3	
Copper	175000	ug/kg	1130	268	1	05/19/23 16:03	05/22/23 17:10	7440-50-8	
Lead	252000	ug/kg	1130	521	1	05/19/23 16:03	05/22/23 17:10	7439-92-1	
Zinc	309000	ug/kg	1130	972	1	05/19/23 16:03	05/22/23 17:10	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	7220	ug/kg	57.2	26.0	1	05/14/23 22:00	05/17/23 05:30	7440-43-9	
Selenium	4020	ug/kg	572	161	5	05/14/23 22:00	05/17/23 00:13	7782-49-2	
Silver	103	ug/kg	57.2	2.5	1	05/14/23 22:00	05/17/23 05:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	464	ug/kg	229	26.4	1	05/18/23 21:20	05/19/23 13:06	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	378	101	1	05/18/23 10:00	05/22/23 19:52	83-32-9	
Acenaphthylene	ND	ug/kg	378	113	1	05/18/23 10:00	05/22/23 19:52	208-96-8	
Anthracene	287J	ug/kg	378	155	1	05/18/23 10:00	05/22/23 19:52	120-12-7	
Benzo(a)anthracene	892	ug/kg	378	112	1	05/18/23 10:00	05/22/23 19:52	56-55-3	
Benzo(a)pyrene	851	ug/kg	378	124	1	05/18/23 10:00	05/22/23 19:52	50-32-8	
Benzo(b)fluoranthene	979	ug/kg	378	124	1	05/18/23 10:00	05/22/23 19:52	205-99-2	
Benzo(g,h,i)perylene	421	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:52	191-24-2	
Benzo(k)fluoranthene	417	ug/kg	378	137	1	05/18/23 10:00	05/22/23 19:52	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	378	141	1	05/18/23 10:00	05/22/23 19:52	101-55-3	
Butylbenzylphthalate	ND	ug/kg	378	207	1	05/18/23 10:00	05/22/23 19:52	85-68-7	
Carbazole	ND	ug/kg	378	154	1	05/18/23 10:00	05/22/23 19:52	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-4 **Lab ID: 50344593004** Collected: 05/10/23 11:54 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	757	154	1	05/18/23 10:00	05/22/23 19:52	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	378	121	1	05/18/23 10:00	05/22/23 19:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	378	146	1	05/18/23 10:00	05/22/23 19:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	378	132	1	05/18/23 10:00	05/22/23 19:52	108-60-1	
2-Chloronaphthalene	ND	ug/kg	378	106	1	05/18/23 10:00	05/22/23 19:52	91-58-7	
2-Chlorophenol	ND	ug/kg	378	136	1	05/18/23 10:00	05/22/23 19:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	378	117	1	05/18/23 10:00	05/22/23 19:52	7005-72-3	
Chrysene	881	ug/kg	378	124	1	05/18/23 10:00	05/22/23 19:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	378	135	1	05/18/23 10:00	05/22/23 19:52	53-70-3	
Dibenzofuran	ND	ug/kg	378	118	1	05/18/23 10:00	05/22/23 19:52	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	378	131	1	05/18/23 10:00	05/22/23 19:52	120-83-2	
Diethylphthalate	ND	ug/kg	378	319	1	05/18/23 10:00	05/22/23 19:52	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	378	131	1	05/18/23 10:00	05/22/23 19:52	105-67-9	
Dimethylphthalate	ND	ug/kg	378	127	1	05/18/23 10:00	05/22/23 19:52	131-11-3	
Di-n-butylphthalate	ND	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	757	230	1	05/18/23 10:00	05/22/23 19:52	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1830	209	1	05/18/23 10:00	05/22/23 19:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	378	126	1	05/18/23 10:00	05/22/23 19:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	378	108	1	05/18/23 10:00	05/22/23 19:52	606-20-2	
Di-n-octylphthalate	ND	ug/kg	378	138	1	05/18/23 10:00	05/22/23 19:52	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1830	118	1	05/18/23 10:00	05/22/23 19:52	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	378	116	1	05/18/23 10:00	05/22/23 19:52	117-81-7	
Fluoranthene	1810	ug/kg	378	145	1	05/18/23 10:00	05/22/23 19:52	206-44-0	
Fluorene	ND	ug/kg	378	127	1	05/18/23 10:00	05/22/23 19:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	378	103	1	05/18/23 10:00	05/22/23 19:52	87-68-3	
Hexachlorobenzene	ND	ug/kg	378	95.8	1	05/18/23 10:00	05/22/23 19:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	378	185	1	05/18/23 10:00	05/22/23 19:52	77-47-4	
Hexachloroethane	ND	ug/kg	378	115	1	05/18/23 10:00	05/22/23 19:52	67-72-1	
Indeno(1,2,3-cd)pyrene	400	ug/kg	378	137	1	05/18/23 10:00	05/22/23 19:52	193-39-5	
Isophorone	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:52	78-59-1	
2-Methylnaphthalene	ND	ug/kg	378	113	1	05/18/23 10:00	05/22/23 19:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	378	162	1	05/18/23 10:00	05/22/23 19:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	757	158	1	05/18/23 10:00	05/22/23 19:52		
Naphthalene	ND	ug/kg	378	109	1	05/18/23 10:00	05/22/23 19:52	91-20-3	
2-Nitroaniline	ND	ug/kg	378	155	1	05/18/23 10:00	05/22/23 19:52	88-74-4	
3-Nitroaniline	ND	ug/kg	378	136	1	05/18/23 10:00	05/22/23 19:52	99-09-2	
4-Nitroaniline	ND	ug/kg	378	151	1	05/18/23 10:00	05/22/23 19:52	100-01-6	
Nitrobenzene	ND	ug/kg	378	126	1	05/18/23 10:00	05/22/23 19:52	98-95-3	
2-Nitrophenol	ND	ug/kg	378	146	1	05/18/23 10:00	05/22/23 19:52	88-75-5	
4-Nitrophenol	ND	ug/kg	1830	286	1	05/18/23 10:00	05/22/23 19:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	378	148	1	05/18/23 10:00	05/22/23 19:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	378	145	1	05/18/23 10:00	05/22/23 19:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:52	86-30-6	
Pentachlorophenol	ND	ug/kg	1830	291	1	05/18/23 10:00	05/22/23 19:52	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-4 **Lab ID: 50344593004** Collected: 05/10/23 11:54 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	1060	ug/kg	378	147	1	05/18/23 10:00	05/22/23 19:52	85-01-8	
Phenol	ND	ug/kg	378	139	1	05/18/23 10:00	05/22/23 19:52	108-95-2	
Pyrene	1640	ug/kg	378	120	1	05/18/23 10:00	05/22/23 19:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	378	123	1	05/18/23 10:00	05/22/23 19:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	378	132	1	05/18/23 10:00	05/22/23 19:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	378	116	1	05/18/23 10:00	05/22/23 19:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	32-95		1	05/18/23 10:00	05/22/23 19:52	4165-60-0	
Phenol-d5 (S)	90	%	27-116		1	05/18/23 10:00	05/22/23 19:52	4165-62-2	
2-Fluorophenol (S)	96	%	21-109		1	05/18/23 10:00	05/22/23 19:52	367-12-4	
2,4,6-Tribromophenol (S)	143	%	10-121		1	05/18/23 10:00	05/22/23 19:52	118-79-6	S0
2-Fluorobiphenyl (S)	100	%	33-102		1	05/18/23 10:00	05/22/23 19:52	321-60-8	
p-Terphenyl-d14 (S)	116	%	20-120		1	05/18/23 10:00	05/22/23 19:52	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1290	129	1		05/16/23 18:11	67-64-1	
Acrylonitrile	ND	ug/kg	1290	129	1		05/16/23 18:11	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	322	129	1		05/16/23 18:11	994-05-8	N2
Benzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	71-43-2	
Bromobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	108-86-1	
Bromochloromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	74-97-5	
Bromodichloromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-27-4	
Bromoform	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-25-2	
Bromomethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	322	161	1		05/16/23 18:11	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	644	129	1		05/16/23 18:11	75-65-0	
n-Butylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	98-06-6	
Carbon disulfide	ND	ug/kg	129	64.4	1		05/16/23 18:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	56-23-5	
Chlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	108-90-7	
Chloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-00-3	
Chloroform	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	67-66-3	
Chloromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	74-87-3	
Cyclohexane	ND	ug/kg	1290	129	1		05/16/23 18:11	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	129	64.4	1		05/16/23 18:11	96-12-8	
Dibromochloromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	106-93-4	
Dibromomethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-4 **Lab ID: 50344593004** Collected: 05/10/23 11:54 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1290	129	1		05/16/23 18:11	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	60-29-7	
Diisopropyl ether	ND	ug/kg	322	129	1		05/16/23 18:11	108-20-3	N2
Ethylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	322	129	1		05/16/23 18:11	637-92-3	N2
Hexachloroethane	ND	ug/kg	322	129	1		05/16/23 18:11	67-72-1	N2
2-Hexanone	ND	ug/kg	1290	129	1		05/16/23 18:11	591-78-6	
Iodomethane	ND	ug/kg	1290	129	1		05/16/23 18:11	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	99-87-6	
Methylene Chloride	ND	ug/kg	258	129	1		05/16/23 18:11	75-09-2	
2-Methylnaphthalene	ND	ug/kg	322	64.4	1		05/16/23 18:11	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	322	161	1		05/16/23 18:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	1634-04-4	
Naphthalene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	91-20-3	
n-Propylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	103-65-1	
Styrene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	79-34-5	
Tetrachloroethene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	127-18-4	
Tetrahydrofuran	ND	ug/kg	1290	129	1		05/16/23 18:11	109-99-9	N2
Toluene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	79-00-5	
Trichloroethene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	64.4	64.4	1		05/16/23 18:11	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	108-67-8	
Vinyl chloride	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	75-01-4	
m&p-Xylene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	179601-23-1	
o-Xylene	ND	ug/kg	64.4	32.2	1		05/16/23 18:11	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-4 **Lab ID: 50344593004** Collected: 05/10/23 11:54 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	112	%	82-128		1		05/16/23 18:11	1868-53-7	
Toluene-d8 (S)	112	%	73-122		1		05/16/23 18:11	2037-26-5	
4-Bromofluorobenzene (S)	117	%	79-124		1		05/16/23 18:11	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.7	%	0.10	0.10	1		05/22/23 16:05		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-5 **Lab ID: 50344593005** Collected: 05/10/23 12:23 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	108	4.0	1	05/16/23 12:05	05/17/23 00:15	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	108	5.1	1	05/16/23 12:05	05/17/23 00:15	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	108	5.6	1	05/16/23 12:05	05/17/23 00:15	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	108	4.7	1	05/16/23 12:05	05/17/23 00:15	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	108	3.3	1	05/16/23 12:05	05/17/23 00:15	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	108	4.9	1	05/16/23 12:05	05/17/23 00:15	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	108	5.1	1	05/16/23 12:05	05/17/23 00:15	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	108	3.9	1	05/16/23 12:05	05/17/23 00:15	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	108	5.7	1	05/16/23 12:05	05/17/23 00:15	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	69	%	10-133		1	05/16/23 12:05	05/17/23 00:15	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7570	ug/kg	985	164	1	05/19/23 16:03	05/22/23 15:12	7440-38-2	
Barium	278000	ug/kg	985	185	1	05/19/23 16:03	05/22/23 15:12	7440-39-3	
Chromium	20100	ug/kg	985	936	1	05/19/23 16:03	05/22/23 15:12	7440-47-3	
Copper	182000	ug/kg	985	234	1	05/19/23 16:03	05/22/23 15:12	7440-50-8	
Lead	197000	ug/kg	985	456	1	05/19/23 16:03	05/22/23 15:12	7439-92-1	
Zinc	239000	ug/kg	985	851	1	05/19/23 16:03	05/22/23 15:12	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	7370	ug/kg	54.8	24.9	1	05/14/23 22:00	05/17/23 05:34	7440-43-9	
Selenium	4010	ug/kg	548	155	5	05/14/23 22:00	05/17/23 00:17	7782-49-2	
Silver	121	ug/kg	54.8	2.4	1	05/14/23 22:00	05/17/23 05:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	296	ug/kg	220	25.2	1	05/18/23 21:20	05/19/23 13:08	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	684	ug/kg	360	96.1	1	05/18/23 10:00	05/22/23 20:09	83-32-9	
Acenaphthylene	ND	ug/kg	360	108	1	05/18/23 10:00	05/22/23 20:09	208-96-8	
Anthracene	1440	ug/kg	360	148	1	05/18/23 10:00	05/22/23 20:09	120-12-7	
Benzo(a)anthracene	3430	ug/kg	360	107	1	05/18/23 10:00	05/22/23 20:09	56-55-3	
Benzo(a)pyrene	3110	ug/kg	360	118	1	05/18/23 10:00	05/22/23 20:09	50-32-8	
Benzo(b)fluoranthene	3380	ug/kg	360	118	1	05/18/23 10:00	05/22/23 20:09	205-99-2	
Benzo(g,h,i)perylene	1530	ug/kg	360	131	1	05/18/23 10:00	05/22/23 20:09	191-24-2	
Benzo(k)fluoranthene	1600	ug/kg	360	130	1	05/18/23 10:00	05/22/23 20:09	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	360	134	1	05/18/23 10:00	05/22/23 20:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	360	197	1	05/18/23 10:00	05/22/23 20:09	85-68-7	
Carbazole	593	ug/kg	360	147	1	05/18/23 10:00	05/22/23 20:09	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-5 **Lab ID: 50344593005** Collected: 05/10/23 12:23 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	720	146	1	05/18/23 10:00	05/22/23 20:09	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	360	115	1	05/18/23 10:00	05/22/23 20:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	360	139	1	05/18/23 10:00	05/22/23 20:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	125	1	05/18/23 10:00	05/22/23 20:09	108-60-1	
2-Chloronaphthalene	ND	ug/kg	360	101	1	05/18/23 10:00	05/22/23 20:09	91-58-7	
2-Chlorophenol	ND	ug/kg	360	129	1	05/18/23 10:00	05/22/23 20:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	360	111	1	05/18/23 10:00	05/22/23 20:09	7005-72-3	
Chrysene	3170	ug/kg	360	118	1	05/18/23 10:00	05/22/23 20:09	218-01-9	
Dibenz(a,h)anthracene	391	ug/kg	360	129	1	05/18/23 10:00	05/22/23 20:09	53-70-3	
Dibenzofuran	460	ug/kg	360	112	1	05/18/23 10:00	05/22/23 20:09	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	360	124	1	05/18/23 10:00	05/22/23 20:09	120-83-2	
Diethylphthalate	ND	ug/kg	360	303	1	05/18/23 10:00	05/22/23 20:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	360	124	1	05/18/23 10:00	05/22/23 20:09	105-67-9	
Dimethylphthalate	ND	ug/kg	360	121	1	05/18/23 10:00	05/22/23 20:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	360	131	1	05/18/23 10:00	05/22/23 20:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	720	219	1	05/18/23 10:00	05/22/23 20:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1740	199	1	05/18/23 10:00	05/22/23 20:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	360	120	1	05/18/23 10:00	05/22/23 20:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	360	103	1	05/18/23 10:00	05/22/23 20:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	360	132	1	05/18/23 10:00	05/22/23 20:09	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1740	112	1	05/18/23 10:00	05/22/23 20:09	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	110	1	05/18/23 10:00	05/22/23 20:09	117-81-7	
Fluoranthene	8730	ug/kg	1800	688	5	05/18/23 10:00	05/23/23 01:45	206-44-0	
Fluorene	717	ug/kg	360	121	1	05/18/23 10:00	05/22/23 20:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	360	97.7	1	05/18/23 10:00	05/22/23 20:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	360	91.1	1	05/18/23 10:00	05/22/23 20:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	360	176	1	05/18/23 10:00	05/22/23 20:09	77-47-4	
Hexachloroethane	ND	ug/kg	360	109	1	05/18/23 10:00	05/22/23 20:09	67-72-1	
Indeno(1,2,3-cd)pyrene	1460	ug/kg	360	131	1	05/18/23 10:00	05/22/23 20:09	193-39-5	
Isophorone	ND	ug/kg	360	117	1	05/18/23 10:00	05/22/23 20:09	78-59-1	
2-Methylnaphthalene	ND	ug/kg	360	107	1	05/18/23 10:00	05/22/23 20:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	360	154	1	05/18/23 10:00	05/22/23 20:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	720	150	1	05/18/23 10:00	05/22/23 20:09		
Naphthalene	244J	ug/kg	360	103	1	05/18/23 10:00	05/22/23 20:09	91-20-3	
2-Nitroaniline	ND	ug/kg	360	147	1	05/18/23 10:00	05/22/23 20:09	88-74-4	
3-Nitroaniline	ND	ug/kg	360	130	1	05/18/23 10:00	05/22/23 20:09	99-09-2	
4-Nitroaniline	ND	ug/kg	360	143	1	05/18/23 10:00	05/22/23 20:09	100-01-6	
Nitrobenzene	ND	ug/kg	360	120	1	05/18/23 10:00	05/22/23 20:09	98-95-3	
2-Nitrophenol	ND	ug/kg	360	139	1	05/18/23 10:00	05/22/23 20:09	88-75-5	
4-Nitrophenol	ND	ug/kg	1740	272	1	05/18/23 10:00	05/22/23 20:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	360	141	1	05/18/23 10:00	05/22/23 20:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	360	138	1	05/18/23 10:00	05/22/23 20:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	360	117	1	05/18/23 10:00	05/22/23 20:09	86-30-6	
Pentachlorophenol	ND	ug/kg	1740	276	1	05/18/23 10:00	05/22/23 20:09	87-86-5	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: **SP (N)-5** Lab ID: **50344593005** Collected: 05/10/23 12:23 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	7080	ug/kg	1800	701	5	05/18/23 10:00	05/23/23 01:45	85-01-8	
Phenol	ND	ug/kg	360	132	1	05/18/23 10:00	05/22/23 20:09	108-95-2	
Pyrene	8010	ug/kg	1800	568	5	05/18/23 10:00	05/23/23 01:45	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	360	117	1	05/18/23 10:00	05/22/23 20:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	360	125	1	05/18/23 10:00	05/22/23 20:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	360	111	1	05/18/23 10:00	05/22/23 20:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	32-95		1	05/18/23 10:00	05/22/23 20:09	4165-60-0	
Phenol-d5 (S)	63	%	27-116		1	05/18/23 10:00	05/22/23 20:09	4165-62-2	
2-Fluorophenol (S)	67	%	21-109		1	05/18/23 10:00	05/22/23 20:09	367-12-4	
2,4,6-Tribromophenol (S)	101	%	10-121		1	05/18/23 10:00	05/22/23 20:09	118-79-6	
2-Fluorobiphenyl (S)	69	%	33-102		1	05/18/23 10:00	05/22/23 20:09	321-60-8	
p-Terphenyl-d14 (S)	78	%	20-120		1	05/18/23 10:00	05/22/23 20:09	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1390	139	1		05/16/23 18:40	67-64-1	
Acrylonitrile	ND	ug/kg	1390	139	1		05/16/23 18:40	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	348	139	1		05/16/23 18:40	994-05-8	N2
Benzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	71-43-2	
Bromobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	108-86-1	
Bromochloromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	74-97-5	
Bromodichloromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-27-4	
Bromoform	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-25-2	
Bromomethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	348	174	1		05/16/23 18:40	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	696	139	1		05/16/23 18:40	75-65-0	
n-Butylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	98-06-6	
Carbon disulfide	ND	ug/kg	139	69.6	1		05/16/23 18:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	56-23-5	
Chlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	108-90-7	
Chloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-00-3	
Chloroform	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	67-66-3	
Chloromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	74-87-3	
Cyclohexane	ND	ug/kg	1390	139	1		05/16/23 18:40	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	139	69.6	1		05/16/23 18:40	96-12-8	
Dibromochloromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	106-93-4	
Dibromomethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-5 **Lab ID: 50344593005** Collected: 05/10/23 12:23 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1390	139	1		05/16/23 18:40	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	60-29-7	
Diisopropyl ether	ND	ug/kg	348	139	1		05/16/23 18:40	108-20-3	N2
Ethylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	348	139	1		05/16/23 18:40	637-92-3	N2
Hexachloroethane	ND	ug/kg	348	139	1		05/16/23 18:40	67-72-1	N2
2-Hexanone	ND	ug/kg	1390	139	1		05/16/23 18:40	591-78-6	
Iodomethane	ND	ug/kg	1390	139	1		05/16/23 18:40	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	99-87-6	
Methylene Chloride	ND	ug/kg	278	139	1		05/16/23 18:40	75-09-2	
2-Methylnaphthalene	ND	ug/kg	348	69.6	1		05/16/23 18:40	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	348	174	1		05/16/23 18:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	1634-04-4	
Naphthalene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	91-20-3	
n-Propylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	103-65-1	
Styrene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	79-34-5	
Tetrachloroethene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	127-18-4	
Tetrahydrofuran	ND	ug/kg	1390	139	1		05/16/23 18:40	109-99-9	N2
Toluene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	79-00-5	
Trichloroethene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	69.6	69.6	1		05/16/23 18:40	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	108-67-8	
Vinyl chloride	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	75-01-4	
m&p-Xylene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	179601-23-1	
o-Xylene	ND	ug/kg	69.6	34.8	1		05/16/23 18:40	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-5 **Lab ID: 50344593005** Collected: 05/10/23 12:23 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	96	%	82-128		1		05/16/23 18:40	1868-53-7	
Toluene-d8 (S)	98	%	73-122		1		05/16/23 18:40	2037-26-5	
4-Bromofluorobenzene (S)	102	%	79-124		1		05/16/23 18:40	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.2	%	0.10	0.10	1		05/22/23 16:05		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-6 **Lab ID: 50344593006** Collected: 05/10/23 12:51 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	115	4.3	1	05/17/23 16:30	05/18/23 20:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	115	5.4	1	05/17/23 16:30	05/18/23 20:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	115	6.0	1	05/17/23 16:30	05/18/23 20:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	115	5.0	1	05/17/23 16:30	05/18/23 20:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	115	3.5	1	05/17/23 16:30	05/18/23 20:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	115	5.2	1	05/17/23 16:30	05/18/23 20:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	115	5.4	1	05/17/23 16:30	05/18/23 20:42	11096-82-5	
PCB-1262 (Aroclor 1262)	6.0J	ug/kg	115	4.2	1	05/17/23 16:30	05/18/23 20:42	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	115	6.0	1	05/17/23 16:30	05/18/23 20:42	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	96	%	10-133		1	05/17/23 16:30	05/18/23 20:42	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10300	ug/kg	1150	190	1	05/19/23 16:03	05/22/23 15:24	7440-38-2	
Barium	482000	ug/kg	1150	215	1	05/19/23 16:03	05/22/23 15:24	7440-39-3	
Chromium	28500	ug/kg	1150	1090	1	05/19/23 16:03	05/22/23 15:24	7440-47-3	
Copper	383000	ug/kg	1150	273	1	05/19/23 16:03	05/22/23 15:24	7440-50-8	
Lead	434000	ug/kg	1150	531	1	05/19/23 16:03	05/22/23 15:24	7439-92-1	
Zinc	493000	ug/kg	1150	990	1	05/19/23 16:03	05/22/23 15:24	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	13900	ug/kg	57.7	26.2	1	05/14/23 22:00	05/17/23 05:46	7440-43-9	
Selenium	5400	ug/kg	577	163	5	05/14/23 22:00	05/17/23 00:29	7782-49-2	
Silver	212	ug/kg	57.7	2.6	1	05/14/23 22:00	05/17/23 05:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	711	ug/kg	240	27.6	1	05/18/23 21:20	05/19/23 13:10	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1000	ug/kg	372	99.5	1	05/18/23 10:00	05/24/23 20:39	83-32-9	
Acenaphthylene	238J	ug/kg	372	111	1	05/18/23 10:00	05/24/23 20:39	208-96-8	
Anthracene	3290	ug/kg	372	153	1	05/18/23 10:00	05/24/23 20:39	120-12-7	
Benzo(a)anthracene	7970	ug/kg	1860	553	5	05/18/23 10:00	05/24/23 20:55	56-55-3	
Benzo(a)pyrene	6400	ug/kg	1860	608	5	05/18/23 10:00	05/24/23 20:55	50-32-8	
Benzo(b)fluoranthene	7470	ug/kg	1860	612	5	05/18/23 10:00	05/24/23 20:55	205-99-2	
Benzo(g,h,i)perylene	3260	ug/kg	372	136	1	05/18/23 10:00	05/24/23 20:39	191-24-2	
Benzo(k)fluoranthene	2210	ug/kg	372	135	1	05/18/23 10:00	05/24/23 20:39	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	372	139	1	05/18/23 10:00	05/24/23 20:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	204	1	05/18/23 10:00	05/24/23 20:39	85-68-7	
Carbazole	899	ug/kg	372	152	1	05/18/23 10:00	05/24/23 20:39	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-6 **Lab ID: 50344593006** Collected: 05/10/23 12:51 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	745	151	1	05/18/23 10:00	05/24/23 20:39	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	119	1	05/18/23 10:00	05/24/23 20:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	144	1	05/18/23 10:00	05/24/23 20:39	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	130	1	05/18/23 10:00	05/24/23 20:39	108-60-1	
2-Chloronaphthalene	ND	ug/kg	372	105	1	05/18/23 10:00	05/24/23 20:39	91-58-7	
2-Chlorophenol	ND	ug/kg	372	133	1	05/18/23 10:00	05/24/23 20:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	115	1	05/18/23 10:00	05/24/23 20:39	7005-72-3	
Chrysene	7330	ug/kg	1860	612	5	05/18/23 10:00	05/24/23 20:55	218-01-9	
Dibenz(a,h)anthracene	982	ug/kg	372	133	1	05/18/23 10:00	05/24/23 20:39	53-70-3	
Dibenzofuran	848	ug/kg	372	116	1	05/18/23 10:00	05/24/23 20:39	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	372	129	1	05/18/23 10:00	05/24/23 20:39	120-83-2	
Diethylphthalate	ND	ug/kg	372	314	1	05/18/23 10:00	05/24/23 20:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	129	1	05/18/23 10:00	05/24/23 20:39	105-67-9	
Dimethylphthalate	ND	ug/kg	372	125	1	05/18/23 10:00	05/24/23 20:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	136	1	05/18/23 10:00	05/24/23 20:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	745	227	1	05/18/23 10:00	05/24/23 20:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1810	205	1	05/18/23 10:00	05/24/23 20:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	124	1	05/18/23 10:00	05/24/23 20:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	106	1	05/18/23 10:00	05/24/23 20:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	136	1	05/18/23 10:00	05/24/23 20:39	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1810	116	1	05/18/23 10:00	05/24/23 20:39	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	114	1	05/18/23 10:00	05/24/23 20:39	117-81-7	
Fluoranthene	15400	ug/kg	1860	712	5	05/18/23 10:00	05/24/23 20:55	206-44-0	
Fluorene	1390	ug/kg	372	125	1	05/18/23 10:00	05/24/23 20:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	101	1	05/18/23 10:00	05/24/23 20:39	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	94.2	1	05/18/23 10:00	05/24/23 20:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	182	1	05/18/23 10:00	05/24/23 20:39	77-47-4	
Hexachloroethane	ND	ug/kg	372	113	1	05/18/23 10:00	05/24/23 20:39	67-72-1	
Indeno(1,2,3-cd)pyrene	2680	ug/kg	372	135	1	05/18/23 10:00	05/24/23 20:39	193-39-5	
Isophorone	ND	ug/kg	372	121	1	05/18/23 10:00	05/24/23 20:39	78-59-1	
2-Methylnaphthalene	200J	ug/kg	372	111	1	05/18/23 10:00	05/24/23 20:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	159	1	05/18/23 10:00	05/24/23 20:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	745	156	1	05/18/23 10:00	05/24/23 20:39		
Naphthalene	408	ug/kg	372	107	1	05/18/23 10:00	05/24/23 20:39	91-20-3	
2-Nitroaniline	ND	ug/kg	372	153	1	05/18/23 10:00	05/24/23 20:39	88-74-4	
3-Nitroaniline	ND	ug/kg	372	134	1	05/18/23 10:00	05/24/23 20:39	99-09-2	
4-Nitroaniline	ND	ug/kg	372	148	1	05/18/23 10:00	05/24/23 20:39	100-01-6	
Nitrobenzene	ND	ug/kg	372	124	1	05/18/23 10:00	05/24/23 20:39	98-95-3	
2-Nitrophenol	ND	ug/kg	372	144	1	05/18/23 10:00	05/24/23 20:39	88-75-5	
4-Nitrophenol	ND	ug/kg	1810	282	1	05/18/23 10:00	05/24/23 20:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	372	146	1	05/18/23 10:00	05/24/23 20:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	143	1	05/18/23 10:00	05/24/23 20:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	121	1	05/18/23 10:00	05/24/23 20:39	86-30-6	
Pentachlorophenol	ND	ug/kg	1810	286	1	05/18/23 10:00	05/24/23 20:39	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (N)-6 **Lab ID: 50344593006** Collected: 05/10/23 12:51 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	13900	ug/kg	1860	725	5	05/18/23 10:00	05/24/23 20:55	85-01-8	
Phenol	ND	ug/kg	372	136	1	05/18/23 10:00	05/24/23 20:39	108-95-2	
Pyrene	15900	ug/kg	1860	588	5	05/18/23 10:00	05/24/23 20:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	372	121	1	05/18/23 10:00	05/24/23 20:39	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	372	130	1	05/18/23 10:00	05/24/23 20:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	114	1	05/18/23 10:00	05/24/23 20:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	32-95		1	05/18/23 10:00	05/24/23 20:39	4165-60-0	
Phenol-d5 (S)	80	%	27-116		1	05/18/23 10:00	05/24/23 20:39	4165-62-2	
2-Fluorophenol (S)	73	%	21-109		1	05/18/23 10:00	05/24/23 20:39	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-121		1	05/18/23 10:00	05/24/23 20:39	118-79-6	
2-Fluorobiphenyl (S)	71	%	33-102		1	05/18/23 10:00	05/24/23 20:39	321-60-8	
p-Terphenyl-d14 (S)	71	%	20-120		1	05/18/23 10:00	05/24/23 20:39	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1520	152	1		05/16/23 19:09	67-64-1	
Acrylonitrile	ND	ug/kg	1520	152	1		05/16/23 19:09	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	381	152	1		05/16/23 19:09	994-05-8	N2
Benzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	71-43-2	
Bromobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	108-86-1	
Bromochloromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	74-97-5	
Bromodichloromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-27-4	
Bromoform	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-25-2	
Bromomethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	381	191	1		05/16/23 19:09	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	762	152	1		05/16/23 19:09	75-65-0	
n-Butylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	98-06-6	
Carbon disulfide	ND	ug/kg	152	76.2	1		05/16/23 19:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	56-23-5	
Chlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	108-90-7	
Chloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-00-3	
Chloroform	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	67-66-3	
Chloromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	74-87-3	
Cyclohexane	ND	ug/kg	1520	152	1		05/16/23 19:09	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	152	76.2	1		05/16/23 19:09	96-12-8	
Dibromochloromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	106-93-4	
Dibromomethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-6 **Lab ID: 50344593006** Collected: 05/10/23 12:51 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1520	152	1		05/16/23 19:09	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	60-29-7	
Diisopropyl ether	ND	ug/kg	381	152	1		05/16/23 19:09	108-20-3	N2
Ethylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	381	152	1		05/16/23 19:09	637-92-3	N2
Hexachloroethane	ND	ug/kg	381	152	1		05/16/23 19:09	67-72-1	N2
2-Hexanone	ND	ug/kg	1520	152	1		05/16/23 19:09	591-78-6	
Iodomethane	ND	ug/kg	1520	152	1		05/16/23 19:09	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	99-87-6	
Methylene Chloride	ND	ug/kg	305	152	1		05/16/23 19:09	75-09-2	
2-Methylnaphthalene	ND	ug/kg	381	76.2	1		05/16/23 19:09	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	381	191	1		05/16/23 19:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	1634-04-4	
Naphthalene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	91-20-3	
n-Propylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	103-65-1	
Styrene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	79-34-5	
Tetrachloroethene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	127-18-4	
Tetrahydrofuran	ND	ug/kg	1520	152	1		05/16/23 19:09	109-99-9	N2
Toluene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	79-00-5	
Trichloroethene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	76.2	76.2	1		05/16/23 19:09	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	108-67-8	
Vinyl chloride	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	75-01-4	
m&p-Xylene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	179601-23-1	
o-Xylene	ND	ug/kg	76.2	38.1	1		05/16/23 19:09	95-47-6	

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (N)-6 **Lab ID: 50344593006** Collected: 05/10/23 12:51 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	109	%	82-128		1		05/16/23 19:09	1868-53-7	
Toluene-d8 (S)	110	%	73-122		1		05/16/23 19:09	2037-26-5	
4-Bromofluorobenzene (S)	114	%	79-124		1		05/16/23 19:09	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.0	%	0.10	0.10	1		05/22/23 16:05		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (E)-1 **Lab ID: 50344593007** Collected: 05/10/23 13:20 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	118	4.4	1	05/17/23 16:30	05/18/23 20:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	118	5.6	1	05/17/23 16:30	05/18/23 20:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	118	6.2	1	05/17/23 16:30	05/18/23 20:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	118	5.2	1	05/17/23 16:30	05/18/23 20:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	118	3.6	1	05/17/23 16:30	05/18/23 20:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	118	5.3	1	05/17/23 16:30	05/18/23 20:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	118	5.6	1	05/17/23 16:30	05/18/23 20:57	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	118	4.3	1	05/17/23 16:30	05/18/23 20:57	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	118	6.2	1	05/17/23 16:30	05/18/23 20:57	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	63	%	10-133		1	05/17/23 16:30	05/18/23 20:57	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6640	ug/kg	1130	188	1	05/19/23 16:03	05/22/23 15:26	7440-38-2	
Barium	116000	ug/kg	1130	213	1	05/19/23 16:03	05/22/23 15:26	7440-39-3	
Chromium	13400	ug/kg	1130	1080	1	05/19/23 16:03	05/22/23 15:26	7440-47-3	
Copper	38900	ug/kg	1130	270	1	05/19/23 16:03	05/22/23 15:26	7440-50-8	
Lead	164000	ug/kg	1130	525	1	05/19/23 16:03	05/22/23 15:26	7439-92-1	
Zinc	132000	ug/kg	1130	980	1	05/19/23 16:03	05/22/23 15:26	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1120	ug/kg	58.8	26.7	1	05/14/23 22:00	05/17/23 05:50	7440-43-9	
Selenium	5400	ug/kg	588	166	5	05/14/23 22:00	05/17/23 00:32	7782-49-2	
Silver	126	ug/kg	58.8	2.6	1	05/14/23 22:00	05/17/23 05:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	526	ug/kg	252	28.9	1	05/18/23 21:20	05/19/23 13:13	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	394	105	1	05/18/23 10:00	05/22/23 20:42	83-32-9	
Acenaphthylene	ND	ug/kg	394	118	1	05/18/23 10:00	05/22/23 20:42	208-96-8	
Anthracene	255J	ug/kg	394	162	1	05/18/23 10:00	05/22/23 20:42	120-12-7	
Benzo(a)anthracene	403	ug/kg	394	117	1	05/18/23 10:00	05/22/23 20:42	56-55-3	
Benzo(a)pyrene	364J	ug/kg	394	129	1	05/18/23 10:00	05/22/23 20:42	50-32-8	
Benzo(b)fluoranthene	426	ug/kg	394	129	1	05/18/23 10:00	05/22/23 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	394	144	1	05/18/23 10:00	05/22/23 20:42	191-24-2	
Benzo(k)fluoranthene	178J	ug/kg	394	143	1	05/18/23 10:00	05/22/23 20:42	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	394	147	1	05/18/23 10:00	05/22/23 20:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	394	215	1	05/18/23 10:00	05/22/23 20:42	85-68-7	
Carbazole	ND	ug/kg	394	160	1	05/18/23 10:00	05/22/23 20:42	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (E)-1 **Lab ID: 50344593007** Collected: 05/10/23 13:20 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	787	160	1	05/18/23 10:00	05/22/23 20:42	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	394	126	1	05/18/23 10:00	05/22/23 20:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	394	152	1	05/18/23 10:00	05/22/23 20:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	394	137	1	05/18/23 10:00	05/22/23 20:42	108-60-1	
2-Chloronaphthalene	ND	ug/kg	394	111	1	05/18/23 10:00	05/22/23 20:42	91-58-7	
2-Chlorophenol	ND	ug/kg	394	141	1	05/18/23 10:00	05/22/23 20:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	394	121	1	05/18/23 10:00	05/22/23 20:42	7005-72-3	
Chrysene	384J	ug/kg	394	129	1	05/18/23 10:00	05/22/23 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	394	141	1	05/18/23 10:00	05/22/23 20:42	53-70-3	
Dibenzofuran	ND	ug/kg	394	123	1	05/18/23 10:00	05/22/23 20:42	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	394	136	1	05/18/23 10:00	05/22/23 20:42	120-83-2	
Diethylphthalate	ND	ug/kg	394	332	1	05/18/23 10:00	05/22/23 20:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	394	136	1	05/18/23 10:00	05/22/23 20:42	105-67-9	
Dimethylphthalate	ND	ug/kg	394	132	1	05/18/23 10:00	05/22/23 20:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	394	144	1	05/18/23 10:00	05/22/23 20:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	787	240	1	05/18/23 10:00	05/22/23 20:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	217	1	05/18/23 10:00	05/22/23 20:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	394	132	1	05/18/23 10:00	05/22/23 20:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	394	113	1	05/18/23 10:00	05/22/23 20:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	394	144	1	05/18/23 10:00	05/22/23 20:42	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1910	123	1	05/18/23 10:00	05/22/23 20:42	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	394	120	1	05/18/23 10:00	05/22/23 20:42	117-81-7	
Fluoranthene	925	ug/kg	394	151	1	05/18/23 10:00	05/22/23 20:42	206-44-0	
Fluorene	ND	ug/kg	394	132	1	05/18/23 10:00	05/22/23 20:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	394	107	1	05/18/23 10:00	05/22/23 20:42	87-68-3	
Hexachlorobenzene	ND	ug/kg	394	99.6	1	05/18/23 10:00	05/22/23 20:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	394	193	1	05/18/23 10:00	05/22/23 20:42	77-47-4	
Hexachloroethane	ND	ug/kg	394	120	1	05/18/23 10:00	05/22/23 20:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	394	143	1	05/18/23 10:00	05/22/23 20:42	193-39-5	
Isophorone	ND	ug/kg	394	128	1	05/18/23 10:00	05/22/23 20:42	78-59-1	
2-Methylnaphthalene	ND	ug/kg	394	117	1	05/18/23 10:00	05/22/23 20:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	394	168	1	05/18/23 10:00	05/22/23 20:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	787	164	1	05/18/23 10:00	05/22/23 20:42		
Naphthalene	ND	ug/kg	394	113	1	05/18/23 10:00	05/22/23 20:42	91-20-3	
2-Nitroaniline	ND	ug/kg	394	161	1	05/18/23 10:00	05/22/23 20:42	88-74-4	
3-Nitroaniline	ND	ug/kg	394	142	1	05/18/23 10:00	05/22/23 20:42	99-09-2	
4-Nitroaniline	ND	ug/kg	394	157	1	05/18/23 10:00	05/22/23 20:42	100-01-6	
Nitrobenzene	ND	ug/kg	394	131	1	05/18/23 10:00	05/22/23 20:42	98-95-3	
2-Nitrophenol	ND	ug/kg	394	152	1	05/18/23 10:00	05/22/23 20:42	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	298	1	05/18/23 10:00	05/22/23 20:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	394	154	1	05/18/23 10:00	05/22/23 20:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	394	151	1	05/18/23 10:00	05/22/23 20:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	394	128	1	05/18/23 10:00	05/22/23 20:42	86-30-6	
Pentachlorophenol	ND	ug/kg	1910	302	1	05/18/23 10:00	05/22/23 20:42	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (E)-1 **Lab ID: 50344593007** Collected: 05/10/23 13:20 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	928	ug/kg	394	153	1	05/18/23 10:00	05/22/23 20:42	85-01-8	
Phenol	ND	ug/kg	394	144	1	05/18/23 10:00	05/22/23 20:42	108-95-2	
Pyrene	736	ug/kg	394	124	1	05/18/23 10:00	05/22/23 20:42	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	394	128	1	05/18/23 10:00	05/22/23 20:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	394	137	1	05/18/23 10:00	05/22/23 20:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	394	121	1	05/18/23 10:00	05/22/23 20:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	51	%	32-95		1	05/18/23 10:00	05/22/23 20:42	4165-60-0	
Phenol-d5 (S)	69	%	27-116		1	05/18/23 10:00	05/22/23 20:42	4165-62-2	
2-Fluorophenol (S)	75	%	21-109		1	05/18/23 10:00	05/22/23 20:42	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-121		1	05/18/23 10:00	05/22/23 20:42	118-79-6	
2-Fluorobiphenyl (S)	70	%	33-102		1	05/18/23 10:00	05/22/23 20:42	321-60-8	
p-Terphenyl-d14 (S)	78	%	20-120		1	05/18/23 10:00	05/22/23 20:42	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1440	144	1		05/16/23 19:38	67-64-1	
Acrylonitrile	ND	ug/kg	1440	144	1		05/16/23 19:38	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	360	144	1		05/16/23 19:38	994-05-8	N2
Benzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	71-43-2	
Bromobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	108-86-1	
Bromochloromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	74-97-5	
Bromodichloromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-27-4	
Bromoform	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-25-2	
Bromomethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	360	180	1		05/16/23 19:38	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	720	144	1		05/16/23 19:38	75-65-0	
n-Butylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	98-06-6	
Carbon disulfide	ND	ug/kg	144	72.0	1		05/16/23 19:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	56-23-5	
Chlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	108-90-7	
Chloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-00-3	
Chloroform	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	67-66-3	
Chloromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	74-87-3	
Cyclohexane	ND	ug/kg	1440	144	1		05/16/23 19:38	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	144	72.0	1		05/16/23 19:38	96-12-8	
Dibromochloromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	106-93-4	
Dibromomethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (E)-1 Lab ID: 50344593007 Collected: 05/10/23 13:20 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1440	144	1		05/16/23 19:38	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	60-29-7	
Diisopropyl ether	ND	ug/kg	360	144	1		05/16/23 19:38	108-20-3	N2
Ethylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	360	144	1		05/16/23 19:38	637-92-3	N2
Hexachloroethane	ND	ug/kg	360	144	1		05/16/23 19:38	67-72-1	N2
2-Hexanone	ND	ug/kg	1440	144	1		05/16/23 19:38	591-78-6	
Iodomethane	ND	ug/kg	1440	144	1		05/16/23 19:38	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	99-87-6	
Methylene Chloride	ND	ug/kg	288	144	1		05/16/23 19:38	75-09-2	
2-Methylnaphthalene	ND	ug/kg	360	72.0	1		05/16/23 19:38	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	360	180	1		05/16/23 19:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	1634-04-4	
Naphthalene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	91-20-3	
n-Propylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	103-65-1	
Styrene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	79-34-5	
Tetrachloroethene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	127-18-4	
Tetrahydrofuran	ND	ug/kg	1440	144	1		05/16/23 19:38	109-99-9	N2
Toluene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	79-00-5	
Trichloroethene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	72.0	72.0	1		05/16/23 19:38	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	108-67-8	
Vinyl chloride	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	75-01-4	
m&p-Xylene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	179601-23-1	
o-Xylene	ND	ug/kg	72.0	36.0	1		05/16/23 19:38	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (E)-1 **Lab ID: 50344593007** Collected: 05/10/23 13:20 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	114	%	82-128		1		05/16/23 19:38	1868-53-7	
Toluene-d8 (S)	117	%	73-122		1		05/16/23 19:38	2037-26-5	
4-Bromofluorobenzene (S)	122	%	79-124		1		05/16/23 19:38	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.8	%	0.10	0.10	1		05/22/23 16:05		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: SP (S)-1 **Lab ID: 50344593008** Collected: 05/10/23 13:50 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	112	4.2	1	05/17/23 16:30	05/18/23 21:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	112	5.3	1	05/17/23 16:30	05/18/23 21:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	112	5.8	1	05/17/23 16:30	05/18/23 21:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	112	4.9	1	05/17/23 16:30	05/18/23 21:13	53469-21-9	
PCB-1248 (Aroclor 1248)	9.8J	ug/kg	112	3.4	1	05/17/23 16:30	05/18/23 21:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	112	5.1	1	05/17/23 16:30	05/18/23 21:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	112	5.3	1	05/17/23 16:30	05/18/23 21:13	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	112	4.1	1	05/17/23 16:30	05/18/23 21:13	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	112	5.9	1	05/17/23 16:30	05/18/23 21:13	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	58	%	10-133		1	05/17/23 16:30	05/18/23 21:13	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9030	ug/kg	1040	172	1	05/19/23 16:03	05/22/23 15:29	7440-38-2	
Barium	146000	ug/kg	1040	195	1	05/19/23 16:03	05/22/23 15:29	7440-39-3	
Chromium	360000	ug/kg	1040	986	1	05/19/23 16:03	05/22/23 15:29	7440-47-3	
Copper	50700	ug/kg	1040	247	1	05/19/23 16:03	05/22/23 15:29	7440-50-8	
Lead	93100	ug/kg	1040	481	1	05/19/23 16:03	05/22/23 15:29	7439-92-1	
Zinc	121000	ug/kg	1040	897	1	05/19/23 16:03	05/22/23 15:29	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1070	ug/kg	55.4	25.2	1	05/14/23 22:00	05/17/23 05:54	7440-43-9	
Selenium	3790	ug/kg	554	156	5	05/14/23 22:00	05/17/23 00:36	7782-49-2	
Silver	65.7	ug/kg	55.4	2.5	1	05/14/23 22:00	05/17/23 05:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	133J	ug/kg	222	25.5	1	05/18/23 21:20	05/19/23 13:15	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	259J	ug/kg	382	102	1	05/18/23 10:00	05/22/23 20:58	83-32-9	
Acenaphthylene	ND	ug/kg	382	114	1	05/18/23 10:00	05/22/23 20:58	208-96-8	
Anthracene	611	ug/kg	382	157	1	05/18/23 10:00	05/22/23 20:58	120-12-7	
Benzo(a)anthracene	1290	ug/kg	382	113	1	05/18/23 10:00	05/22/23 20:58	56-55-3	
Benzo(a)pyrene	1160	ug/kg	382	125	1	05/18/23 10:00	05/22/23 20:58	50-32-8	
Benzo(b)fluoranthene	1240	ug/kg	382	126	1	05/18/23 10:00	05/22/23 20:58	205-99-2	
Benzo(g,h,i)perylene	479	ug/kg	382	139	1	05/18/23 10:00	05/22/23 20:58	191-24-2	
Benzo(k)fluoranthene	679	ug/kg	382	138	1	05/18/23 10:00	05/22/23 20:58	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	382	142	1	05/18/23 10:00	05/22/23 20:58	101-55-3	
Butylbenzylphthalate	ND	ug/kg	382	209	1	05/18/23 10:00	05/22/23 20:58	85-68-7	
Carbazole	207J	ug/kg	382	156	1	05/18/23 10:00	05/22/23 20:58	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (S)-1 **Lab ID: 50344593008** Collected: 05/10/23 13:50 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	764	155	1	05/18/23 10:00	05/22/23 20:58	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	382	122	1	05/18/23 10:00	05/22/23 20:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	382	147	1	05/18/23 10:00	05/22/23 20:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	382	133	1	05/18/23 10:00	05/22/23 20:58	108-60-1	
2-Chloronaphthalene	ND	ug/kg	382	107	1	05/18/23 10:00	05/22/23 20:58	91-58-7	
2-Chlorophenol	ND	ug/kg	382	137	1	05/18/23 10:00	05/22/23 20:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	382	118	1	05/18/23 10:00	05/22/23 20:58	7005-72-3	
Chrysene	1380	ug/kg	382	125	1	05/18/23 10:00	05/22/23 20:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	382	137	1	05/18/23 10:00	05/22/23 20:58	53-70-3	
Dibenzofuran	ND	ug/kg	382	119	1	05/18/23 10:00	05/22/23 20:58	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	382	132	1	05/18/23 10:00	05/22/23 20:58	120-83-2	
Diethylphthalate	ND	ug/kg	382	322	1	05/18/23 10:00	05/22/23 20:58	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	382	132	1	05/18/23 10:00	05/22/23 20:58	105-67-9	
Dimethylphthalate	ND	ug/kg	382	128	1	05/18/23 10:00	05/22/23 20:58	131-11-3	
Di-n-butylphthalate	ND	ug/kg	382	139	1	05/18/23 10:00	05/22/23 20:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	764	233	1	05/18/23 10:00	05/22/23 20:58	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1850	211	1	05/18/23 10:00	05/22/23 20:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	382	128	1	05/18/23 10:00	05/22/23 20:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	382	109	1	05/18/23 10:00	05/22/23 20:58	606-20-2	
Di-n-octylphthalate	ND	ug/kg	382	140	1	05/18/23 10:00	05/22/23 20:58	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1850	119	1	05/18/23 10:00	05/22/23 20:58	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	382	117	1	05/18/23 10:00	05/22/23 20:58	117-81-7	
Fluoranthene	3170	ug/kg	382	146	1	05/18/23 10:00	05/22/23 20:58	206-44-0	
Fluorene	326J	ug/kg	382	128	1	05/18/23 10:00	05/22/23 20:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	382	104	1	05/18/23 10:00	05/22/23 20:58	87-68-3	
Hexachlorobenzene	ND	ug/kg	382	96.6	1	05/18/23 10:00	05/22/23 20:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	382	187	1	05/18/23 10:00	05/22/23 20:58	77-47-4	
Hexachloroethane	ND	ug/kg	382	116	1	05/18/23 10:00	05/22/23 20:58	67-72-1	
Indeno(1,2,3-cd)pyrene	440	ug/kg	382	139	1	05/18/23 10:00	05/22/23 20:58	193-39-5	
Isophorone	ND	ug/kg	382	124	1	05/18/23 10:00	05/22/23 20:58	78-59-1	
2-Methylnaphthalene	ND	ug/kg	382	114	1	05/18/23 10:00	05/22/23 20:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	382	163	1	05/18/23 10:00	05/22/23 20:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	764	160	1	05/18/23 10:00	05/22/23 20:58		
Naphthalene	ND	ug/kg	382	110	1	05/18/23 10:00	05/22/23 20:58	91-20-3	
2-Nitroaniline	ND	ug/kg	382	156	1	05/18/23 10:00	05/22/23 20:58	88-74-4	
3-Nitroaniline	ND	ug/kg	382	138	1	05/18/23 10:00	05/22/23 20:58	99-09-2	
4-Nitroaniline	ND	ug/kg	382	152	1	05/18/23 10:00	05/22/23 20:58	100-01-6	
Nitrobenzene	ND	ug/kg	382	127	1	05/18/23 10:00	05/22/23 20:58	98-95-3	
2-Nitrophenol	ND	ug/kg	382	148	1	05/18/23 10:00	05/22/23 20:58	88-75-5	
4-Nitrophenol	ND	ug/kg	1850	289	1	05/18/23 10:00	05/22/23 20:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	382	149	1	05/18/23 10:00	05/22/23 20:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	382	147	1	05/18/23 10:00	05/22/23 20:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	382	124	1	05/18/23 10:00	05/22/23 20:58	86-30-6	
Pentachlorophenol	ND	ug/kg	1850	293	1	05/18/23 10:00	05/22/23 20:58	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (S)-1 **Lab ID: 50344593008** Collected: 05/10/23 13:50 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	3140	ug/kg	382	149	1	05/18/23 10:00	05/22/23 20:58	85-01-8	
Phenol	ND	ug/kg	382	140	1	05/18/23 10:00	05/22/23 20:58	108-95-2	
Pyrene	2890	ug/kg	382	121	1	05/18/23 10:00	05/22/23 20:58	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	382	124	1	05/18/23 10:00	05/22/23 20:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	382	133	1	05/18/23 10:00	05/22/23 20:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	382	117	1	05/18/23 10:00	05/22/23 20:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	32-95		1	05/18/23 10:00	05/22/23 20:58	4165-60-0	
Phenol-d5 (S)	65	%	27-116		1	05/18/23 10:00	05/22/23 20:58	4165-62-2	
2-Fluorophenol (S)	70	%	21-109		1	05/18/23 10:00	05/22/23 20:58	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-121		1	05/18/23 10:00	05/22/23 20:58	118-79-6	
2-Fluorobiphenyl (S)	70	%	33-102		1	05/18/23 10:00	05/22/23 20:58	321-60-8	
p-Terphenyl-d14 (S)	76	%	20-120		1	05/18/23 10:00	05/22/23 20:58	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1360	136	1		05/16/23 20:08	67-64-1	
Acrylonitrile	ND	ug/kg	1360	136	1		05/16/23 20:08	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	341	136	1		05/16/23 20:08	994-05-8	N2
Benzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	71-43-2	
Bromobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	108-86-1	
Bromochloromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	74-97-5	
Bromodichloromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-27-4	
Bromoform	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-25-2	
Bromomethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	341	170	1		05/16/23 20:08	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	682	136	1		05/16/23 20:08	75-65-0	
n-Butylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	98-06-6	
Carbon disulfide	ND	ug/kg	136	68.2	1		05/16/23 20:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	56-23-5	
Chlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	108-90-7	
Chloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-00-3	
Chloroform	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	67-66-3	
Chloromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	74-87-3	
Cyclohexane	ND	ug/kg	1360	136	1		05/16/23 20:08	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	136	68.2	1		05/16/23 20:08	96-12-8	
Dibromochloromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	106-93-4	
Dibromomethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (S)-1 **Lab ID: 50344593008** Collected: 05/10/23 13:50 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1360	136	1		05/16/23 20:08	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	60-29-7	
Diisopropyl ether	ND	ug/kg	341	136	1		05/16/23 20:08	108-20-3	N2
Ethylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	341	136	1		05/16/23 20:08	637-92-3	N2
Hexachloroethane	ND	ug/kg	341	136	1		05/16/23 20:08	67-72-1	N2
2-Hexanone	ND	ug/kg	1360	136	1		05/16/23 20:08	591-78-6	
Iodomethane	ND	ug/kg	1360	136	1		05/16/23 20:08	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	99-87-6	
Methylene Chloride	ND	ug/kg	273	136	1		05/16/23 20:08	75-09-2	
2-Methylnaphthalene	ND	ug/kg	341	68.2	1		05/16/23 20:08	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	341	170	1		05/16/23 20:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	1634-04-4	
Naphthalene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	91-20-3	
n-Propylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	103-65-1	
Styrene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	79-34-5	
Tetrachloroethene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	127-18-4	
Tetrahydrofuran	ND	ug/kg	1360	136	1		05/16/23 20:08	109-99-9	N2
Toluene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	79-00-5	
Trichloroethene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	68.2	68.2	1		05/16/23 20:08	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	108-67-8	
Vinyl chloride	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	75-01-4	
m&p-Xylene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	179601-23-1	
o-Xylene	ND	ug/kg	68.2	34.1	1		05/16/23 20:08	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: SP (S)-1 **Lab ID: 50344593008** Collected: 05/10/23 13:50 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	110	%	82-128		1		05/16/23 20:08	1868-53-7	
Toluene-d8 (S)	113	%	73-122		1		05/16/23 20:08	2037-26-5	
4-Bromofluorobenzene (S)	115	%	79-124		1		05/16/23 20:08	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.4	%	0.10	0.10	1		05/22/23 16:05		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: DUP-1 **Lab ID: 50344593009** Collected: 05/10/23 00:00 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 PCB Solids									
Analytical Method: EPA 8082 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
PCB-1016 (Aroclor 1016)	ND	ug/kg	110	4.1	1	05/17/23 16:30	05/18/23 21:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	110	5.2	1	05/17/23 16:30	05/18/23 21:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	110	5.7	1	05/17/23 16:30	05/18/23 21:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	110	4.8	1	05/17/23 16:30	05/18/23 21:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	110	3.4	1	05/17/23 16:30	05/18/23 21:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	110	5.0	1	05/17/23 16:30	05/18/23 21:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	110	5.2	1	05/17/23 16:30	05/18/23 21:28	11096-82-5	
PCB-1262 (Aroclor 1262)	14.2J	ug/kg	110	4.0	1	05/17/23 16:30	05/18/23 21:28	37324-23-5	N2
PCB-1268 (Aroclor 1268)	ND	ug/kg	110	5.8	1	05/17/23 16:30	05/18/23 21:28	11100-14-4	N2
Surrogates									
Tetrachloro-m-xylene (S)	83	%	10-133		1	05/17/23 16:30	05/18/23 21:28	877-09-8	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7960	ug/kg	1110	184	1	05/19/23 16:03	05/22/23 15:31	7440-38-2	
Barium	241000	ug/kg	1110	208	1	05/19/23 16:03	05/22/23 15:31	7440-39-3	
Chromium	17500	ug/kg	1110	1050	1	05/19/23 16:03	05/22/23 15:31	7440-47-3	
Copper	110000	ug/kg	1110	264	1	05/19/23 16:03	05/22/23 15:31	7440-50-8	
Lead	230000	ug/kg	1110	513	1	05/19/23 16:03	05/22/23 15:31	7439-92-1	
Zinc	237000	ug/kg	1110	958	1	05/19/23 16:03	05/22/23 15:31	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	6660	ug/kg	52.7	23.9	1	05/14/23 22:00	05/17/23 05:58	7440-43-9	
Selenium	3530	ug/kg	527	149	5	05/14/23 22:00	05/17/23 00:40	7782-49-2	
Silver	165	ug/kg	52.7	2.3	1	05/14/23 22:00	05/17/23 05:58	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	430	ug/kg	232	26.6	1	05/18/23 21:20	05/19/23 13:18	7439-97-6	
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	356	95.2	1	05/18/23 10:00	05/22/23 21:15	83-32-9	
Acenaphthylene	ND	ug/kg	356	107	1	05/18/23 10:00	05/22/23 21:15	208-96-8	
Anthracene	ND	ug/kg	356	146	1	05/18/23 10:00	05/22/23 21:15	120-12-7	
Benzo(a)anthracene	517	ug/kg	356	106	1	05/18/23 10:00	05/22/23 21:15	56-55-3	
Benzo(a)pyrene	472	ug/kg	356	116	1	05/18/23 10:00	05/22/23 21:15	50-32-8	
Benzo(b)fluoranthene	560	ug/kg	356	117	1	05/18/23 10:00	05/22/23 21:15	205-99-2	
Benzo(g,h,i)perylene	217J	ug/kg	356	130	1	05/18/23 10:00	05/22/23 21:15	191-24-2	
Benzo(k)fluoranthene	263J	ug/kg	356	129	1	05/18/23 10:00	05/22/23 21:15	207-08-9	
4-Bromophenylphenyl ether	ND	ug/kg	356	133	1	05/18/23 10:00	05/22/23 21:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	195	1	05/18/23 10:00	05/22/23 21:15	85-68-7	
Carbazole	ND	ug/kg	356	145	1	05/18/23 10:00	05/22/23 21:15	86-74-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: DUP-1 **Lab ID:** 50344593009 Collected: 05/10/23 00:00 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
4-Chloro-3-methylphenol	ND	ug/kg	712	145	1	05/18/23 10:00	05/22/23 21:15	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	114	1	05/18/23 10:00	05/22/23 21:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	137	1	05/18/23 10:00	05/22/23 21:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	124	1	05/18/23 10:00	05/22/23 21:15	108-60-1	
2-Chloronaphthalene	ND	ug/kg	356	100	1	05/18/23 10:00	05/22/23 21:15	91-58-7	
2-Chlorophenol	ND	ug/kg	356	128	1	05/18/23 10:00	05/22/23 21:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	110	1	05/18/23 10:00	05/22/23 21:15	7005-72-3	
Chrysene	531	ug/kg	356	117	1	05/18/23 10:00	05/22/23 21:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	128	1	05/18/23 10:00	05/22/23 21:15	53-70-3	
Dibenzofuran	ND	ug/kg	356	111	1	05/18/23 10:00	05/22/23 21:15	132-64-9	
2,4-Dichlorophenol	ND	ug/kg	356	123	1	05/18/23 10:00	05/22/23 21:15	120-83-2	
Diethylphthalate	ND	ug/kg	356	300	1	05/18/23 10:00	05/22/23 21:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	123	1	05/18/23 10:00	05/22/23 21:15	105-67-9	
Dimethylphthalate	ND	ug/kg	356	119	1	05/18/23 10:00	05/22/23 21:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	130	1	05/18/23 10:00	05/22/23 21:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	712	217	1	05/18/23 10:00	05/22/23 21:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1730	197	1	05/18/23 10:00	05/22/23 21:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	119	1	05/18/23 10:00	05/22/23 21:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	102	1	05/18/23 10:00	05/22/23 21:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	130	1	05/18/23 10:00	05/22/23 21:15	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	1730	111	1	05/18/23 10:00	05/22/23 21:15	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	109	1	05/18/23 10:00	05/22/23 21:15	117-81-7	
Fluoranthene	1030	ug/kg	356	136	1	05/18/23 10:00	05/22/23 21:15	206-44-0	
Fluorene	ND	ug/kg	356	120	1	05/18/23 10:00	05/22/23 21:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	96.7	1	05/18/23 10:00	05/22/23 21:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	90.2	1	05/18/23 10:00	05/22/23 21:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	174	1	05/18/23 10:00	05/22/23 21:15	77-47-4	
Hexachloroethane	ND	ug/kg	356	108	1	05/18/23 10:00	05/22/23 21:15	67-72-1	
Indeno(1,2,3-cd)pyrene	194J	ug/kg	356	129	1	05/18/23 10:00	05/22/23 21:15	193-39-5	
Isophorone	ND	ug/kg	356	116	1	05/18/23 10:00	05/22/23 21:15	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	106	1	05/18/23 10:00	05/22/23 21:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	152	1	05/18/23 10:00	05/22/23 21:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	712	149	1	05/18/23 10:00	05/22/23 21:15		
Naphthalene	ND	ug/kg	356	102	1	05/18/23 10:00	05/22/23 21:15	91-20-3	
2-Nitroaniline	ND	ug/kg	356	146	1	05/18/23 10:00	05/22/23 21:15	88-74-4	
3-Nitroaniline	ND	ug/kg	356	128	1	05/18/23 10:00	05/22/23 21:15	99-09-2	
4-Nitroaniline	ND	ug/kg	356	142	1	05/18/23 10:00	05/22/23 21:15	100-01-6	
Nitrobenzene	ND	ug/kg	356	119	1	05/18/23 10:00	05/22/23 21:15	98-95-3	
2-Nitrophenol	ND	ug/kg	356	138	1	05/18/23 10:00	05/22/23 21:15	88-75-5	
4-Nitrophenol	ND	ug/kg	1730	270	1	05/18/23 10:00	05/22/23 21:15	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	356	139	1	05/18/23 10:00	05/22/23 21:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	137	1	05/18/23 10:00	05/22/23 21:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	116	1	05/18/23 10:00	05/22/23 21:15	86-30-6	
Pentachlorophenol	ND	ug/kg	1730	274	1	05/18/23 10:00	05/22/23 21:15	87-86-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Sample: DUP-1 **Lab ID:** 50344593009 Collected: 05/10/23 00:00 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Phenanthrene	550	ug/kg	356	139	1	05/18/23 10:00	05/22/23 21:15	85-01-8	
Phenol	ND	ug/kg	356	130	1	05/18/23 10:00	05/22/23 21:15	108-95-2	
Pyrene	951	ug/kg	356	113	1	05/18/23 10:00	05/22/23 21:15	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	356	116	1	05/18/23 10:00	05/22/23 21:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	356	124	1	05/18/23 10:00	05/22/23 21:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	110	1	05/18/23 10:00	05/22/23 21:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	32-95		1	05/18/23 10:00	05/22/23 21:15	4165-60-0	
Phenol-d5 (S)	64	%	27-116		1	05/18/23 10:00	05/22/23 21:15	4165-62-2	
2-Fluorophenol (S)	68	%	21-109		1	05/18/23 10:00	05/22/23 21:15	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-121		1	05/18/23 10:00	05/22/23 21:15	118-79-6	
2-Fluorobiphenyl (S)	77	%	33-102		1	05/18/23 10:00	05/22/23 21:15	321-60-8	
p-Terphenyl-d14 (S)	90	%	20-120		1	05/18/23 10:00	05/22/23 21:15	1718-51-0	
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/kg	1670	167	1		05/16/23 20:37	67-64-1	
Acrylonitrile	ND	ug/kg	1670	167	1		05/16/23 20:37	107-13-1	
tert-Amylmethyl ether	ND	ug/kg	417	167	1		05/16/23 20:37	994-05-8	N2
Benzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	71-43-2	
Bromobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	108-86-1	
Bromochloromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	74-97-5	
Bromodichloromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-27-4	
Bromoform	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-25-2	
Bromomethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	74-83-9	
2-Butanone (MEK)	ND	ug/kg	417	209	1		05/16/23 20:37	78-93-3	
tert-Butyl Alcohol	ND	ug/kg	835	167	1		05/16/23 20:37	75-65-0	
n-Butylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	135-98-8	
tert-Butylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	98-06-6	
Carbon disulfide	ND	ug/kg	167	83.5	1		05/16/23 20:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	56-23-5	
Chlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	108-90-7	
Chloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-00-3	
Chloroform	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	67-66-3	
Chloromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	74-87-3	
Cyclohexane	ND	ug/kg	1670	167	1		05/16/23 20:37	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/kg	167	83.5	1		05/16/23 20:37	96-12-8	
Dibromochloromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	106-93-4	
Dibromomethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: DUP-1 **Lab ID:** 50344593009 Collected: 05/10/23 00:00 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
trans-1,4-Dichloro-2-butene	ND	ug/kg	1670	167	1		05/16/23 20:37	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-71-8	
1,1-Dichloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	107-06-2	
1,1-Dichloroethene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	60-29-7	
Diisopropyl ether	ND	ug/kg	417	167	1		05/16/23 20:37	108-20-3	N2
Ethylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	417	167	1		05/16/23 20:37	637-92-3	N2
Hexachloroethane	ND	ug/kg	417	167	1		05/16/23 20:37	67-72-1	N2
2-Hexanone	ND	ug/kg	1670	167	1		05/16/23 20:37	591-78-6	
Iodomethane	ND	ug/kg	1670	167	1		05/16/23 20:37	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	99-87-6	
Methylene Chloride	ND	ug/kg	334	167	1		05/16/23 20:37	75-09-2	
2-Methylnaphthalene	ND	ug/kg	417	83.5	1		05/16/23 20:37	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	417	209	1		05/16/23 20:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	1634-04-4	
Naphthalene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	91-20-3	
n-Propylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	103-65-1	
Styrene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	79-34-5	
Tetrachloroethene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	127-18-4	
Tetrahydrofuran	ND	ug/kg	1670	167	1		05/16/23 20:37	109-99-9	N2
Toluene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	79-00-5	
Trichloroethene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/kg	83.5	83.5	1		05/16/23 20:37	526-73-8	N2
1,2,4-Trimethylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	108-67-8	
Vinyl chloride	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	75-01-4	
m&p-Xylene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	179601-23-1	
o-Xylene	ND	ug/kg	83.5	41.7	1		05/16/23 20:37	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Sample: DUP-1 **Lab ID: 50344593009** Collected: 05/10/23 00:00 Received: 05/11/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Surrogates									
Dibromofluoromethane (S)	103	%	82-128		1		05/16/23 20:37	1868-53-7	
Toluene-d8 (S)	106	%	73-122		1		05/16/23 20:37	2037-26-5	
4-Bromofluorobenzene (S)	108	%	79-124		1		05/16/23 20:37	460-00-4	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.1	%	0.10	0.10	1		05/22/23 16:06		N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

QC Batch:	734383	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3370263 Matrix: Solid

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	05/19/23 12:43	

LABORATORY CONTROL SAMPLE: 3370264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	508	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3370265 3370266

Parameter	Units	50344593001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	752	563	572	1340	1250	104	87	75-125	7	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch: 734115 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004

METHOD BLANK: 3368933 Matrix: Solid
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	05/22/23 16:06	
Barium	ug/kg	ND	1000	188	05/22/23 16:06	
Chromium	ug/kg	ND	1000	950	05/22/23 16:06	
Copper	ug/kg	257J	1000	238	05/22/23 16:06	
Lead	ug/kg	ND	1000	463	05/22/23 16:06	
Zinc	ug/kg	ND	1000	864	05/22/23 16:06	

LABORATORY CONTROL SAMPLE: 3368934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	50800	102	80-120	
Barium	ug/kg	50000	49800	100	80-120	
Chromium	ug/kg	50000	51000	102	80-120	
Copper	ug/kg	50000	54200	108	80-120	
Lead	ug/kg	50000	49400	99	80-120	
Zinc	ug/kg	50000	49600	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3368935 3368936

Parameter	Units	50344405007		3368935		3368936		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS Result	MSD Result							
Arsenic	ug/kg	5.8 mg/kg	53200	50300	58000	54500	98	97	75-125	6	20			
Barium	ug/kg	26.2 mg/kg	53200	50300	83100	76000	107	99	75-125	9	20			
Chromium	ug/kg	14.1 mg/kg	53200	50300	58500	52200	83	76	75-125	11	20			
Copper	ug/kg	56.0 mg/kg	53200	50300	118000	104000	117	95	75-125	13	20			
Lead	ug/kg	62.4 mg/kg	53200	50300	113000	102000	96	79	75-125	11	20			
Zinc	ug/kg	48.8 mg/kg	53200	50300	103000	90300	103	82	75-125	14	20			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch: 734362 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3370171 Matrix: Solid
Associated Lab Samples: 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	05/22/23 15:10	
Barium	ug/kg	ND	1000	188	05/22/23 15:10	
Chromium	ug/kg	ND	1000	950	05/22/23 15:10	
Copper	ug/kg	ND	1000	238	05/22/23 15:10	
Lead	ug/kg	ND	1000	463	05/22/23 15:10	
Zinc	ug/kg	ND	1000	864	05/22/23 15:10	

LABORATORY CONTROL SAMPLE: 3370172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	50200	100	80-120	
Barium	ug/kg	50000	49100	98	80-120	
Chromium	ug/kg	50000	49600	99	80-120	
Copper	ug/kg	50000	50600	101	80-120	
Lead	ug/kg	50000	48100	96	80-120	
Zinc	ug/kg	50000	48200	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3370173 3370174

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Spike Conc.	Result	Spike Conc.	Result							
Arsenic	ug/kg	7570	49000	50300	54100	81500	95	147	75-125	40	20	M0,R1
Barium	ug/kg	278000	49000	50300	272000	746000	-11	931	75-125	93	20	P6,R1
Chromium	ug/kg	20100	49000	50300	62400	124000	86	207	75-125	66	20	M0,R1
Copper	ug/kg	182000	49000	50300	202000	1200000	42	2030	75-125	142	20	M0,R1
Lead	ug/kg	197000	49000	50300	252000	492000	113	585	75-125	64	20	M0,R1
Zinc	ug/kg	239000	49000	50300	278000	1120000	80	1750	75-125	120	20	P6,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

QC Batch:	733364	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3365997 Matrix: Solid

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.7	05/16/23 21:08	
Selenium	ug/kg	ND	100	28.2	05/16/23 21:08	
Silver	ug/kg	ND	50.0	2.2	05/16/23 21:08	

LABORATORY CONTROL SAMPLE: 3365998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3920	98	80-120	
Selenium	ug/kg	4000	3960	99	80-120	
Silver	ug/kg	4000	4060	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3365999 3366000

Parameter	Units	50343715001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Cadmium	ug/kg	1.6 mg/kg	37500	37500	38600	37900	99	97	75-125	2	20	
Selenium	ug/kg	<0.94 mg/kg	37500	37500	42600	39700	112	104	75-125	7	20	
Silver	ug/kg	<0.47 mg/kg	37500	37500	38000	37400	101	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch:	733866	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035 Volatile Organics
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3367790 Matrix: Solid
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,1,1-Trichloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,1,2-Trichloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,1-Dichloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,1-Dichloroethene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2,3-Trichlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2,3-Trichloropropane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2,3-Trimethylbenzene	ug/kg	ND	50.0	50.0	05/16/23 12:50	N2
1,2,4-Trichlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2-Dibromo-3-chloropropane	ug/kg	ND	100	50.0	05/16/23 12:50	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2-Dichlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2-Dichloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,2-Dichloropropane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,3-Dichlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
1,4-Dichlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
2-Butanone (MEK)	ug/kg	ND	250	125	05/16/23 12:50	
2-Hexanone	ug/kg	ND	1000	100	05/16/23 12:50	
2-Methylnaphthalene	ug/kg	ND	250	50.0	05/16/23 12:50	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	250	125	05/16/23 12:50	
Acetone	ug/kg	ND	1000	100	05/16/23 12:50	
Acrylonitrile	ug/kg	ND	1000	100	05/16/23 12:50	
Benzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Bromobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Bromochloromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Bromodichloromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Bromoform	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Bromomethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Carbon disulfide	ug/kg	ND	100	50.0	05/16/23 12:50	
Carbon tetrachloride	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Chlorobenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Chloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Chloroform	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Chloromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
cis-1,2-Dichloroethene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
cis-1,3-Dichloropropene	ug/kg	ND	50.0	25.0	05/16/23 12:50	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

METHOD BLANK: 3367790

Matrix: Solid

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyclohexane	ug/kg	ND	1000	100	05/16/23 12:50	N2
Dibromochloromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Dibromomethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Dichlorodifluoromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Diethyl ether (Ethyl ether)	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Diisopropyl ether	ug/kg	ND	250	100	05/16/23 12:50	N2
Ethyl-tert-butyl ether	ug/kg	ND	250	100	05/16/23 12:50	N2
Ethylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Hexachloroethane	ug/kg	ND	250	100	05/16/23 12:50	N2
Iodomethane	ug/kg	ND	1000	100	05/16/23 12:50	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	25.0	05/16/23 12:50	
m&p-Xylene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Methyl-tert-butyl ether	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Methylene Chloride	ug/kg	ND	200	100	05/16/23 12:50	
n-Butylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
n-Propylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Naphthalene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
o-Xylene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
p-Isopropyltoluene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
sec-Butylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Styrene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
tert-Amylmethyl ether	ug/kg	ND	250	100	05/16/23 12:50	N2
tert-Butyl Alcohol	ug/kg	ND	500	100	05/16/23 12:50	
tert-Butylbenzene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Tetrachloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Tetrahydrofuran	ug/kg	ND	1000	100	05/16/23 12:50	N2
Toluene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
trans-1,2-Dichloroethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
trans-1,3-Dichloropropene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
trans-1,4-Dichloro-2-butene	ug/kg	ND	1000	100	05/16/23 12:50	
Trichloroethene	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Trichlorofluoromethane	ug/kg	ND	50.0	25.0	05/16/23 12:50	
Vinyl chloride	ug/kg	ND	50.0	25.0	05/16/23 12:50	
4-Bromofluorobenzene (S)	%	103	79-124		05/16/23 12:50	
Dibromofluoromethane (S)	%	102	82-128		05/16/23 12:50	1d
Toluene-d8 (S)	%	97	73-122		05/16/23 12:50	

LABORATORY CONTROL SAMPLE: 3367791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	110	110	81-130	
1,1,1-Trichloroethane	ug/kg	100	113	113	76-127	
1,1,2,2-Tetrachloroethane	ug/kg	100	95.7	96	70-126	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

LABORATORY CONTROL SAMPLE: 3367791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/kg	100	103	103	79-124	
1,1-Dichloroethane	ug/kg	100	111	111	76-123	
1,1-Dichloroethene	ug/kg	100	96.5	96	73-133	
1,2,3-Trichlorobenzene	ug/kg	100	94.2	94	72-138	
1,2,3-Trichloropropane	ug/kg	100	96.2	96	75-121	
1,2,3-Trimethylbenzene	ug/kg	100	94.3	94	77-122	N2
1,2,4-Trichlorobenzene	ug/kg	100	98.1	98	71-138	
1,2,4-Trimethylbenzene	ug/kg	100	97.4	97	70-127	
1,2-Dibromo-3-chloropropane	ug/kg	100	112	112	81-133	
1,2-Dibromoethane (EDB)	ug/kg	100	102	102	80-126	
1,2-Dichlorobenzene	ug/kg	100	96.6	97	79-123	
1,2-Dichloroethane	ug/kg	100	97.7	98	70-124	
1,2-Dichloropropane	ug/kg	100	114	114	74-128	
1,3,5-Trimethylbenzene	ug/kg	100	97.1	97	71-124	
1,3-Dichlorobenzene	ug/kg	100	97.1	97	77-124	
1,4-Dichlorobenzene	ug/kg	100	96.0	96	77-120	
2-Butanone (MEK)	ug/kg	500	509	102	59-134	
2-Hexanone	ug/kg	500	448J	90	63-134	
2-Methylnaphthalene	ug/kg	100	89.7J	90	52-170	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	471	94	67-133	
Acetone	ug/kg	500	426J	85	32-133	
Acrylonitrile	ug/kg	500	563J	113	69-137	
Benzene	ug/kg	100	109	109	74-124	
Bromobenzene	ug/kg	100	94.8	95	76-122	
Bromochloromethane	ug/kg	100	78.2	78	66-127	
Bromodichloromethane	ug/kg	100	121	121	80-126	
Bromoform	ug/kg	100	98.5	98	75-128	
Bromomethane	ug/kg	100	32.2J	32	10-183	
Carbon disulfide	ug/kg	100	96.6J	97	68-123	
Carbon tetrachloride	ug/kg	100	118	118	78-132	
Chlorobenzene	ug/kg	100	99.5	99	77-121	
Chloroethane	ug/kg	100	90.6	91	43-140	
Chloroform	ug/kg	100	108	108	75-118	
Chloromethane	ug/kg	100	97.6	98	45-130	
cis-1,2-Dichloroethene	ug/kg	100	110	110	76-125	
cis-1,3-Dichloropropene	ug/kg	100	117	117	76-132	
Cyclohexane	ug/kg	100	113J	113	70-125	N2
Dibromochloromethane	ug/kg	100	116	116	79-130	
Dibromomethane	ug/kg	100	112	112	79-124	
Dichlorodifluoromethane	ug/kg	100	59.4	59	10-124	
Diethyl ether (Ethyl ether)	ug/kg	100	90.7	91	68-128	
Diisopropyl ether	ug/kg	100	105J	105	73-128	N2
Ethyl-tert-butyl ether	ug/kg	100	112J	112	80-119	N2
Ethylbenzene	ug/kg	100	101	101	74-125	
Hexachloroethane	ug/kg	100	109J	109	59-145	N2
Iodomethane	ug/kg	100	ND	52	10-160	
Isopropylbenzene (Cumene)	ug/kg	100	97.3	97	75-126	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

LABORATORY CONTROL SAMPLE: 3367791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
m&p-Xylene	ug/kg	200	192	96	72-123	
Methyl-tert-butyl ether	ug/kg	100	109	109	74-129	
Methylene Chloride	ug/kg	100	ND	92	77-126	
n-Butylbenzene	ug/kg	100	96.6	97	72-131	
n-Propylbenzene	ug/kg	100	97.4	97	76-127	
Naphthalene	ug/kg	100	93.1	93	70-132	
o-Xylene	ug/kg	100	97.9	98	74-124	
p-Isopropyltoluene	ug/kg	100	96.9	97	76-126	
sec-Butylbenzene	ug/kg	100	97.9	98	76-129	
Styrene	ug/kg	100	97.8	98	81-129	
tert-Amylmethyl ether	ug/kg	100	111J	111	75-124	N2
tert-Butyl Alcohol	ug/kg	500	512	102	16-163	
tert-Butylbenzene	ug/kg	100	109	109	76-129	
Tetrachloroethene	ug/kg	100	108	108	73-132	
Tetrahydrofuran	ug/kg	500	506J	101	70-128	N2
Toluene	ug/kg	100	98.1	98	72-119	
trans-1,2-Dichloroethene	ug/kg	100	112	112	74-125	
trans-1,3-Dichloropropene	ug/kg	100	117	117	75-132	
trans-1,4-Dichloro-2-butene	ug/kg	100	ND	89	66-152	
Trichloroethene	ug/kg	100	112	112	75-127	
Trichlorofluoromethane	ug/kg	100	125	125	64-136	
Vinyl chloride	ug/kg	100	94.4	94	48-133	
4-Bromofluorobenzene (S)	%			100	79-124	
Dibromofluoromethane (S)	%			106	82-128	
Toluene-d8 (S)	%			98	73-122	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch: 733788 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 PCB Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005

METHOD BLANK: 3367519 Matrix: Solid
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	100	3.7	05/16/23 17:58	
PCB-1221 (Aroclor 1221)	ug/kg	ND	100	4.7	05/16/23 17:58	
PCB-1232 (Aroclor 1232)	ug/kg	ND	100	5.2	05/16/23 17:58	
PCB-1242 (Aroclor 1242)	ug/kg	ND	100	4.4	05/16/23 17:58	
PCB-1248 (Aroclor 1248)	ug/kg	ND	100	3.1	05/16/23 17:58	
PCB-1254 (Aroclor 1254)	ug/kg	ND	100	4.5	05/16/23 17:58	
PCB-1260 (Aroclor 1260)	ug/kg	ND	100	4.7	05/16/23 17:58	
PCB-1262 (Aroclor 1262)	ug/kg	ND	100	3.6	05/16/23 17:58	N2
PCB-1268 (Aroclor 1268)	ug/kg	ND	100	5.2	05/16/23 17:58	N2
Tetrachloro-m-xylene (S)	%	85	10-133		05/16/23 17:58	

LABORATORY CONTROL SAMPLE: 3367520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	333	333	100	50-120	
PCB-1260 (Aroclor 1260)	ug/kg	333	356	107	40-122	
Tetrachloro-m-xylene (S)	%			84	10-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3367521 3367522

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50344593001 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	369	367	355	309	96	84	10-154	14	20
PCB-1260 (Aroclor 1260)	ug/kg	ND	369	367	294	271	80	74	10-165	8	20
Tetrachloro-m-xylene (S)	%						74	67	10-133		

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch: 734174 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 PCB Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3369231 Matrix: Solid
Associated Lab Samples: 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	100	3.7	05/18/23 18:57	
PCB-1221 (Aroclor 1221)	ug/kg	ND	100	4.7	05/18/23 18:57	
PCB-1232 (Aroclor 1232)	ug/kg	ND	100	5.2	05/18/23 18:57	
PCB-1242 (Aroclor 1242)	ug/kg	ND	100	4.4	05/18/23 18:57	
PCB-1248 (Aroclor 1248)	ug/kg	ND	100	3.1	05/18/23 18:57	
PCB-1254 (Aroclor 1254)	ug/kg	ND	100	4.5	05/18/23 18:57	
PCB-1260 (Aroclor 1260)	ug/kg	ND	100	4.7	05/18/23 18:57	
PCB-1262 (Aroclor 1262)	ug/kg	ND	100	3.6	05/18/23 18:57	N2
PCB-1268 (Aroclor 1268)	ug/kg	ND	100	5.2	05/18/23 18:57	N2
Tetrachloro-m-xylene (S)	%	87	10-133		05/18/23 18:57	

LABORATORY CONTROL SAMPLE: 3369232

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	833	810	97	50-120	
PCB-1260 (Aroclor 1260)	ug/kg	833	902	108	40-122	
Tetrachloro-m-xylene (S)	%			83	10-133	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3369233 3369234

Parameter	Units	50345047002		3369234		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	818	328	617	75	94	10-154	67	20	R1
PCB-1260 (Aroclor 1260)	ug/kg	ND	818	328	747	91	114	10-165	67	20	E,R1
Tetrachloro-m-xylene (S)	%					38	38	10-133			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

QC Batch: 734336 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave Short Spike
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

METHOD BLANK: 3370069 Matrix: Solid
Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	108	05/18/23 11:35	
1,2-Diphenylhydrazine	ug/kg	ND	1600	103	05/18/23 11:35	
2,4,5-Trichlorophenol	ug/kg	ND	330	115	05/18/23 11:35	
2,4,6-Trichlorophenol	ug/kg	ND	330	101	05/18/23 11:35	
2,4-Dichlorophenol	ug/kg	ND	330	114	05/18/23 11:35	
2,4-Dimethylphenol	ug/kg	ND	330	114	05/18/23 11:35	
2,4-Dinitrophenol	ug/kg	ND	1600	182	05/18/23 11:35	
2,4-Dinitrotoluene	ug/kg	ND	330	110	05/18/23 11:35	
2,6-Dinitrotoluene	ug/kg	ND	330	94.3	05/18/23 11:35	
2-Chloronaphthalene	ug/kg	ND	330	92.7	05/18/23 11:35	
2-Chlorophenol	ug/kg	ND	330	118	05/18/23 11:35	
2-Methylnaphthalene	ug/kg	ND	330	98.5	05/18/23 11:35	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	141	05/18/23 11:35	
2-Nitroaniline	ug/kg	ND	330	135	05/18/23 11:35	
2-Nitrophenol	ug/kg	ND	330	128	05/18/23 11:35	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	660	138	05/18/23 11:35	
3-Nitroaniline	ug/kg	ND	330	119	05/18/23 11:35	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	201	05/18/23 11:35	
4-Bromophenylphenyl ether	ug/kg	ND	330	123	05/18/23 11:35	
4-Chloro-3-methylphenol	ug/kg	ND	660	134	05/18/23 11:35	
4-Chlorophenylphenyl ether	ug/kg	ND	330	102	05/18/23 11:35	
4-Nitroaniline	ug/kg	ND	330	131	05/18/23 11:35	
4-Nitrophenol	ug/kg	ND	1600	250	05/18/23 11:35	
Acenaphthene	ug/kg	ND	330	88.1	05/18/23 11:35	
Acenaphthylene	ug/kg	ND	330	98.7	05/18/23 11:35	
Anthracene	ug/kg	ND	330	136	05/18/23 11:35	
Benzo(a)anthracene	ug/kg	ND	330	98.0	05/18/23 11:35	
Benzo(a)pyrene	ug/kg	ND	330	108	05/18/23 11:35	
Benzo(b)fluoranthene	ug/kg	ND	330	108	05/18/23 11:35	
Benzo(g,h,i)perylene	ug/kg	ND	330	120	05/18/23 11:35	
Benzo(k)fluoranthene	ug/kg	ND	330	120	05/18/23 11:35	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	106	05/18/23 11:35	
bis(2-Chloroethyl) ether	ug/kg	ND	330	127	05/18/23 11:35	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	115	05/18/23 11:35	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	101	05/18/23 11:35	
Butylbenzylphthalate	ug/kg	ND	330	181	05/18/23 11:35	
Carbazole	ug/kg	ND	330	134	05/18/23 11:35	
Chrysene	ug/kg	ND	330	108	05/18/23 11:35	
Di-n-butylphthalate	ug/kg	ND	330	121	05/18/23 11:35	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

METHOD BLANK: 3370069

Matrix: Solid

Associated Lab Samples: 50344593001, 50344593002, 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-octylphthalate	ug/kg	ND	330	121	05/18/23 11:35	
Dibenz(a,h)anthracene	ug/kg	ND	330	118	05/18/23 11:35	
Dibenzofuran	ug/kg	ND	330	103	05/18/23 11:35	
Diethylphthalate	ug/kg	ND	330	278	05/18/23 11:35	
Dimethylphthalate	ug/kg	ND	330	111	05/18/23 11:35	
Fluoranthene	ug/kg	ND	330	126	05/18/23 11:35	
Fluorene	ug/kg	ND	330	111	05/18/23 11:35	
Hexachloro-1,3-butadiene	ug/kg	ND	330	89.6	05/18/23 11:35	
Hexachlorobenzene	ug/kg	ND	330	83.5	05/18/23 11:35	
Hexachlorocyclopentadiene	ug/kg	ND	330	161	05/18/23 11:35	
Hexachloroethane	ug/kg	ND	330	100	05/18/23 11:35	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	120	05/18/23 11:35	
Isophorone	ug/kg	ND	330	107	05/18/23 11:35	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	127	05/18/23 11:35	
N-Nitrosodimethylamine	ug/kg	ND	330	129	05/18/23 11:35	
N-Nitrosodiphenylamine	ug/kg	ND	330	107	05/18/23 11:35	
Naphthalene	ug/kg	ND	330	94.8	05/18/23 11:35	
Nitrobenzene	ug/kg	ND	330	110	05/18/23 11:35	
Pentachlorophenol	ug/kg	ND	1600	253	05/18/23 11:35	
Phenanthrene	ug/kg	ND	330	129	05/18/23 11:35	
Phenol	ug/kg	ND	330	121	05/18/23 11:35	
Pyrene	ug/kg	ND	330	104	05/18/23 11:35	
2,4,6-Tribromophenol (S)	%	126	10-121		05/18/23 11:35	S3
2-Fluorobiphenyl (S)	%	77	33-102		05/18/23 11:35	
2-Fluorophenol (S)	%	77	21-109		05/18/23 11:35	
Nitrobenzene-d5 (S)	%	61	32-95		05/18/23 11:35	
p-Terphenyl-d14 (S)	%	99	20-120		05/18/23 11:35	
Phenol-d5 (S)	%	70	27-116		05/18/23 11:35	

LABORATORY CONTROL SAMPLE: 3370070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1320	79	57-98	
2,4-Dinitrotoluene	ug/kg	1670	1530	92	59-121	
2-Chlorophenol	ug/kg	1670	1310	78	57-102	
2-Methylnaphthalene	ug/kg	1670	1810	109	52-118	
4-Chloro-3-methylphenol	ug/kg	1670	1400	84	58-135	
4-Nitrophenol	ug/kg	1670	1410J	85	49-133	
Acenaphthene	ug/kg	1670	1360	81	63-105	
Acenaphthylene	ug/kg	1670	1460	87	61-104	
Anthracene	ug/kg	1670	1350	81	66-104	
Benzo(a)anthracene	ug/kg	1670	1410	85	69-109	
Benzo(a)pyrene	ug/kg	1670	1400	84	63-105	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

LABORATORY CONTROL SAMPLE: 3370070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	1670	1360	81	63-115	
Benzo(g,h,i)perylene	ug/kg	1670	1340	81	64-112	
Benzo(k)fluoranthene	ug/kg	1670	1400	84	65-115	
Chrysene	ug/kg	1670	1340	80	68-109	
Dibenz(a,h)anthracene	ug/kg	1670	1330	80	65-112	
Fluoranthene	ug/kg	1670	1380	83	67-116	
Fluorene	ug/kg	1670	1470	88	66-112	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1360	82	66-113	
N-Nitroso-di-n-propylamine	ug/kg	1670	1050	63	45-112	
Naphthalene	ug/kg	1670	1210	73	58-103	
Pentachlorophenol	ug/kg	1670	1360J	82	31-123	
Phenanthrene	ug/kg	1670	1410	85	68-106	
Phenol	ug/kg	1670	1180	71	49-109	
Pyrene	ug/kg	1670	1350	81	67-110	
2,4,6-Tribromophenol (S)	%			119	10-121	
2-Fluorobiphenyl (S)	%			76	33-102	
2-Fluorophenol (S)	%			80	21-109	
Nitrobenzene-d5 (S)	%			62	32-95	
p-Terphenyl-d14 (S)	%			92	20-120	
Phenol-d5 (S)	%			76	27-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3370237 3370238

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50345047002 Result	Spike Conc.	Spike Conc.	Conc.								
1,2,4-Trichlorobenzene	ug/kg	ND	1670	1680	1350	1100	80	66	27-109	20	20		
2,4-Dinitrotoluene	ug/kg	ND	1680	1680	1480	1430	88	85	10-132	4	20		
2-Chlorophenol	ug/kg	ND	1670	1680	1210	1070	72	64	11-121	13	20		
2-Methylnaphthalene	ug/kg	ND	1670	1680	1770	1520	105	90	18-130	15	20		
4-Chloro-3-methylphenol	ug/kg	ND	1670	1680	1370	1210	82	72	17-143	12	20		
4-Nitrophenol	ug/kg	ND	1670	1680	1320J	1350J	79	81	10-148		20		
Acenaphthene	ug/kg	ND	1670	1680	1230	1160	73	69	12-129	6	20		
Acenaphthylene	ug/kg	ND	1670	1680	1320	1300	79	77	10-126	1	20		
Anthracene	ug/kg	ND	1670	1680	1310	1390	78	83	10-137	6	20		
Benzo(a)anthracene	ug/kg	ND	1670	1680	1300	1490	77	89	10-140	14	20		
Benzo(a)pyrene	ug/kg	ND	1670	1680	1250	1460	75	87	10-137	15	20		
Benzo(b)fluoranthene	ug/kg	ND	1670	1680	1380	1440	82	86	10-143	4	20		
Benzo(g,h,i)perylene	ug/kg	ND	1670	1680	1290	1360	77	81	10-143	6	20		
Benzo(k)fluoranthene	ug/kg	ND	1670	1680	1220	1410	73	84	10-146	14	20		
Chrysene	ug/kg	ND	1670	1680	1320	1530	79	91	10-143	15	20		
Dibenz(a,h)anthracene	ug/kg	ND	1670	1680	1250	1280	75	76	13-125	2	20		
Fluoranthene	ug/kg	ND	1670	1680	1490	2090	89	124	10-151	33	20	R1	
Fluorene	ug/kg	ND	1670	1680	1350	1360	80	81	10-136	1	20		
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1670	1680	1290	1370	77	82	10-139	6	20		
N-Nitroso-di-n-propylamine	ug/kg	ND	1670	1680	903	841	54	50	13-125	7	20		

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3370237 3370238												
Parameter	Units	50345047002		MS	MSD	3370238		% Rec	% Rec	% Rec	Max	
		Result	Conc.	Spike	Spike	MS	MSD					Result
Naphthalene	ug/kg	ND	1670	1680	1680	1170	993	70	59	17-123	16	20
Pentachlorophenol	ug/kg	ND	1670	1680	1680	1070J	1040J	64	62	10-141		20
Phenanthrene	ug/kg	ND	1670	1680	1680	1370	1780	82	106	10-149	26	20 R1
Phenol	ug/kg	ND	1670	1680	1680	1060	963	64	57	16-120	10	20
Pyrene	ug/kg	ND	1670	1680	1680	1280	1580	76	94	10-152	21	20 R1
2,4,6-Tribromophenol (S)	%							116	110	10-121		
2-Fluorobiphenyl (S)	%							76	66	33-102		
2-Fluorophenol (S)	%							78	60	21-109		
Nitrobenzene-d5 (S)	%							63	55	32-95		
p-Terphenyl-d14 (S)	%							105	95	20-120		
Phenol-d5 (S)	%							70	60	27-116		

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

QC Batch: 735013

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50344593001, 50344593002

SAMPLE DUPLICATE: 3373134

Parameter	Units	50344719005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.6	18.4	4	5	N2

SAMPLE DUPLICATE: 3373135

Parameter	Units	50344668001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	16.9	8	5	N2,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

QC Batch: 735018

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50344593003, 50344593004, 50344593005, 50344593006, 50344593007, 50344593008, 50344593009

SAMPLE DUPLICATE: 3373147

Parameter	Units	50344615001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.3	21.5	4	5	N2

SAMPLE DUPLICATE: 3373148

Parameter	Units	50344602001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	15.8	4	5	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume. |
| E | Analyte concentration exceeded the calibration range. The reported result is estimated. |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| P6 | Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level. |
| R1 | RPD value was outside control limits. |
| S0 | Surrogate recovery outside laboratory control limits. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50344593

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50344593001	SP (N)-1	EPA 3546	733788	EPA 8082	733917
50344593002	SP (N)-2	EPA 3546	733788	EPA 8082	733917
50344593003	SP (N)-3	EPA 3546	733788	EPA 8082	733917
50344593004	SP (N)-4	EPA 3546	733788	EPA 8082	733917
50344593005	SP (N)-5	EPA 3546	733788	EPA 8082	733917
50344593006	SP (N)-6	EPA 3546	734174	EPA 8082	734371
50344593007	SP (E)-1	EPA 3546	734174	EPA 8082	734371
50344593008	SP (S)-1	EPA 3546	734174	EPA 8082	734371
50344593009	DUP-1	EPA 3546	734174	EPA 8082	734371
50344593001	SP (N)-1	EPA 3050	734115	EPA 6010	735061
50344593002	SP (N)-2	EPA 3050	734115	EPA 6010	735061
50344593003	SP (N)-3	EPA 3050	734115	EPA 6010	735061
50344593004	SP (N)-4	EPA 3050	734115	EPA 6010	735061
50344593005	SP (N)-5	EPA 3050	734362	EPA 6010	735056
50344593006	SP (N)-6	EPA 3050	734362	EPA 6010	735056
50344593007	SP (E)-1	EPA 3050	734362	EPA 6010	735056
50344593008	SP (S)-1	EPA 3050	734362	EPA 6010	735056
50344593009	DUP-1	EPA 3050	734362	EPA 6010	735056
50344593001	SP (N)-1	EPA 3050B	733364	EPA 6020	733573
50344593002	SP (N)-2	EPA 3050B	733364	EPA 6020	733573
50344593003	SP (N)-3	EPA 3050B	733364	EPA 6020	733573
50344593004	SP (N)-4	EPA 3050B	733364	EPA 6020	733573
50344593005	SP (N)-5	EPA 3050B	733364	EPA 6020	733573
50344593006	SP (N)-6	EPA 3050B	733364	EPA 6020	733573
50344593007	SP (E)-1	EPA 3050B	733364	EPA 6020	733573
50344593008	SP (S)-1	EPA 3050B	733364	EPA 6020	733573
50344593009	DUP-1	EPA 3050B	733364	EPA 6020	733573
50344593001	SP (N)-1	EPA 7471	734383	EPA 7471	734634
50344593002	SP (N)-2	EPA 7471	734383	EPA 7471	734634
50344593003	SP (N)-3	EPA 7471	734383	EPA 7471	734634
50344593004	SP (N)-4	EPA 7471	734383	EPA 7471	734634
50344593005	SP (N)-5	EPA 7471	734383	EPA 7471	734634
50344593006	SP (N)-6	EPA 7471	734383	EPA 7471	734634
50344593007	SP (E)-1	EPA 7471	734383	EPA 7471	734634
50344593008	SP (S)-1	EPA 7471	734383	EPA 7471	734634
50344593009	DUP-1	EPA 7471	734383	EPA 7471	734634
50344593001	SP (N)-1	EPA 3546	734336	EPA 8270	734421
50344593002	SP (N)-2	EPA 3546	734336	EPA 8270	734421
50344593003	SP (N)-3	EPA 3546	734336	EPA 8270	734421
50344593004	SP (N)-4	EPA 3546	734336	EPA 8270	734421
50344593005	SP (N)-5	EPA 3546	734336	EPA 8270	734421
50344593006	SP (N)-6	EPA 3546	734336	EPA 8270	734421
50344593007	SP (E)-1	EPA 3546	734336	EPA 8270	734421
50344593008	SP (S)-1	EPA 3546	734336	EPA 8270	734421
50344593009	DUP-1	EPA 3546	734336	EPA 8270	734421

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50344593

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50344593001	SP (N)-1	EPA 8260	733866		
50344593002	SP (N)-2	EPA 8260	733866		
50344593003	SP (N)-3	EPA 8260	733866		
50344593004	SP (N)-4	EPA 8260	733866		
50344593005	SP (N)-5	EPA 8260	733866		
50344593006	SP (N)-6	EPA 8260	733866		
50344593007	SP (E)-1	EPA 8260	733866		
50344593008	SP (S)-1	EPA 8260	733866		
50344593009	DUP-1	EPA 8260	733866		
50344593001	SP (N)-1	SM 2540G	735013		
50344593002	SP (N)-2	SM 2540G	735013		
50344593003	SP (N)-3	SM 2540G	735018		
50344593004	SP (N)-4	SM 2540G	735018		
50344593005	SP (N)-5	SM 2540G	735018		
50344593006	SP (N)-6	SM 2540G	735018		
50344593007	SP (E)-1	SM 2540G	735018		
50344593008	SP (S)-1	SM 2540G	735018		
50344593009	DUP-1	SM 2540G	735018		

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SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MTZ 5/11/23 1625

- 1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____
- 2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)
- 3. Thermometer: 1 2 3 4 5 6 A B C D E F
- 4. Cooler Temperature(s): 14/1.1
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

- 5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
- 6. Ice Type: Wet Blue None
- 7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?		<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:		<input checked="" type="checkbox"/>	

COMMENTS:

Sample Container Count

** Place a RED dot on containers that are out of conformance **

COC Line Item	WGUFU	SBS DI MeOH (only)	VIALS					AMBER GLASS						PLASTIC							OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc									
			DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B						BP3Z	CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black	
1	1	2																																			
2																																					
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

16oz GLASS

Matrix	HNO3	H2SO4	NaOH	NaOH/Zn Ac
	<2	<2	>10	>9

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	GN	General Container
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL:	Oil
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BG1S	1L H2SO4 clear glass	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe



August 03, 2023

Joshua Schuyler
Atlas Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

RE: Project: Detroit - 100 Lenox
Pace Project No.: 50350243

Dear Joshua Schuyler:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Brian Hall".

Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Michael Hauswirth, ATC Group Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Detroit - 100 Lenox
Pace Project No.: 50350243

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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**SAMPLE SUMMARY**

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50350243001	SB-124 (0-2)	Solid	07/25/23 09:38	07/27/23 09:15
50350243002	SB-125 (0-2)	Solid	07/25/23 09:45	07/27/23 09:15
50350243003	SB-126 (0-2)	Solid	07/25/23 09:50	07/27/23 09:15
50350243004	SB-127 (0-2)	Solid	07/25/23 09:54	07/27/23 09:15
50350243005	SB-128 (0-2)	Solid	07/25/23 09:59	07/27/23 09:15
50350243006	SB-129 (0-2)	Solid	07/25/23 10:27	07/27/23 09:15
50350243007	SB-130 (0-2)	Solid	07/25/23 10:35	07/27/23 09:15
50350243008	SB-131 (0-2)	Solid	07/25/23 10:40	07/27/23 09:15
50350243009	SB-132 (0-2)	Solid	07/25/23 10:49	07/27/23 09:15
50350243010	SB-133 (0-2)	Solid	07/25/23 11:00	07/27/23 09:15
50350243011	SB-134 (0-2)	Solid	07/25/23 11:09	07/27/23 09:15
50350243012	SB-135 (0-2)	Solid	07/25/23 11:14	07/27/23 09:15
50350243013	SB-136 (0-2)	Solid	07/25/23 11:24	07/27/23 09:15
50350243014	SB-137 (0-2)	Solid	07/25/23 11:27	07/27/23 09:15
50350243015	SB-138 (0-2)	Solid	07/25/23 11:36	07/27/23 09:15
50350243016	SB-139 (0-2)	Solid	07/25/23 11:47	07/27/23 09:15
50350243017	SB-140 (0-2)	Solid	07/25/23 12:41	07/27/23 09:15
50350243018	SB-141 (0-2)	Solid	07/25/23 12:59	07/27/23 09:15
50350243019	SB-142 (0-2)	Solid	07/25/23 13:04	07/27/23 09:15
50350243020	SB-143 (0-2)	Solid	07/25/23 13:07	07/27/23 09:15
50350243021	SB-144 (0-2)	Solid	07/25/23 13:09	07/27/23 09:15
50350243022	SB-145 (0-2)	Solid	07/25/23 13:16	07/27/23 09:15
50350243023	SB-146 (0-2)	Solid	07/25/23 13:13	07/27/23 09:15
50350243024	SB-147 (0-2)	Solid	07/25/23 13:19	07/27/23 09:15
50350243025	SB-148 (0-2)	Solid	07/25/23 13:24	07/27/23 09:15
50350243026	SB-149 (0-2)	Solid	07/25/23 13:30	07/27/23 09:15
50350243027	SB-150 (0-2)	Solid	07/25/23 13:36	07/27/23 09:15
50350243028	SB-151 (0-2)	Solid	07/25/23 13:53	07/27/23 09:15
50350243029	SB-152 (0-2)	Solid	07/25/23 13:58	07/27/23 09:15
50350243030	SB-153 (0-2)	Solid	07/25/23 14:00	07/27/23 09:15
50350243031	SB-154 (0-2)	Solid	07/25/23 14:34	07/27/23 09:15
50350243032	SB-155 (0-2)	Solid	07/25/23 14:37	07/27/23 09:15
50350243033	SB-156 (0-2)	Solid	07/25/23 14:46	07/27/23 09:15
50350243034	SB-157 (0-2)	Solid	07/25/23 14:54	07/27/23 09:15
50350243035	SB-158 (0-2)	Solid	07/25/23 15:00	07/27/23 09:15
50350243036	DUP-1 (0-2)	Solid	07/25/23 00:00	07/27/23 09:15
50350243037	DUP-2 (0-2)	Solid	07/25/23 00:00	07/27/23 09:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Detroit - 100 Lenox
Pace Project No.: 50350243

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50350243038	DUP-3 (0-2)	Solid	07/25/23 00:00	07/27/23 09:15
50350243039	DUP-4 (0-2)	Solid	07/25/23 00:00	07/27/23 09:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243001	SB-124 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243002	SB-125 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243003	SB-126 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243004	SB-127 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243005	SB-128 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243006	SB-129 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243007	SB-130 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243008	SB-131 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243009	SB-132 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243010	SB-133 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243011	SB-134 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243012	SB-135 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243013	SB-136 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243014	SB-137 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
50350243015	SB-138 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243016	SB-139 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243017	SB-140 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243018	SB-141 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243019	SB-142 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243020	SB-143 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	DMT	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243021	SB-144 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243022	SB-145 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243023	SB-146 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243024	SB-147 (0-2)	EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243025	SB-148 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243026	SB-149 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
50350243027	SB-150 (0-2)	EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
50350243028	SB-151 (0-2)	SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
50350243029	SB-152 (0-2)	EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243030	SB-153 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243031	SB-154 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243032	SB-155 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243033	SB-156 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243034	SB-157 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243035	SB-158 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243036	DUP-1 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
50350243037	DUP-2 (0-2)	EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Detroit - 100 Lenox
 Pace Project No.: 50350243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50350243038	DUP-3 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I
50350243039	DUP-4 (0-2)	EPA 6010	DJS	6	PASI-I
		EPA 6020	CAW	3	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	FIP	19	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-124 (0-2) Lab ID: 50350243001 Collected: 07/25/23 09:38 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5300	ug/kg	1110	184	1	07/28/23 08:51	07/31/23 11:58	7440-38-2	
Barium	39500	ug/kg	1110	209	1	07/28/23 08:51	07/31/23 11:58	7440-39-3	
Chromium	10000	ug/kg	1110	1050	1	07/28/23 08:51	07/31/23 11:58	7440-47-3	
Copper	13400	ug/kg	1110	264	1	07/28/23 08:51	07/31/23 11:58	7440-50-8	
Lead	17700	ug/kg	1110	514	1	07/28/23 08:51	07/31/23 11:58	7439-92-1	
Zinc	40200	ug/kg	1110	959	1	07/28/23 08:51	07/31/23 11:58	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	309	ug/kg	54.1	23.7	1	07/28/23 13:58	07/31/23 02:52	7440-43-9	
Selenium	613	ug/kg	541	126	5	07/28/23 13:58	07/31/23 04:57	7782-49-2	
Silver	43.6J	ug/kg	54.1	1.8	1	07/28/23 13:58	07/31/23 02:52	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	72.5J	ug/kg	233	26.8	1	07/31/23 21:57	08/01/23 09:19	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	19.0	ug/kg	5.5	2.2	1	07/31/23 08:59	07/31/23 19:44	83-32-9	
Acenaphthylene	14.6	ug/kg	5.5	2.1	1	07/31/23 08:59	07/31/23 19:44	208-96-8	
Anthracene	68.7	ug/kg	5.5	2.7	1	07/31/23 08:59	07/31/23 19:44	120-12-7	
Benzo(a)anthracene	216	ug/kg	5.5	1.6	1	07/31/23 08:59	07/31/23 19:44	56-55-3	
Benzo(a)pyrene	232	ug/kg	5.5	3.3	1	07/31/23 08:59	07/31/23 19:44	50-32-8	
Benzo(b)fluoranthene	276	ug/kg	5.5	3.0	1	07/31/23 08:59	07/31/23 19:44	205-99-2	
Benzo(g,h,i)perylene	135	ug/kg	5.5	3.2	1	07/31/23 08:59	07/31/23 19:44	191-24-2	
Benzo(k)fluoranthene	88.2	ug/kg	5.5	2.5	1	07/31/23 08:59	07/31/23 19:44	207-08-9	
Chrysene	198	ug/kg	5.5	3.8	1	07/31/23 08:59	07/31/23 19:44	218-01-9	
Dibenz(a,h)anthracene	37.5	ug/kg	5.5	2.7	1	07/31/23 08:59	07/31/23 19:44	53-70-3	
Fluoranthene	484	ug/kg	5.5	3.8	1	07/31/23 08:59	07/31/23 19:44	206-44-0	
Fluorene	20.4	ug/kg	5.5	2.2	1	07/31/23 08:59	07/31/23 19:44	86-73-7	
Indeno(1,2,3-cd)pyrene	132	ug/kg	5.5	2.8	1	07/31/23 08:59	07/31/23 19:44	193-39-5	
2-Methylnaphthalene	12.8	ug/kg	5.5	5.1	1	07/31/23 08:59	07/31/23 19:44	91-57-6	
Naphthalene	13.1	ug/kg	5.5	5.0	1	07/31/23 08:59	07/31/23 19:44	91-20-3	
Phenanthrene	240	ug/kg	5.5	3.9	1	07/31/23 08:59	07/31/23 19:44	85-01-8	
Pyrene	399	ug/kg	5.5	3.8	1	07/31/23 08:59	07/31/23 19:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	07/31/23 08:59	07/31/23 19:44	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	07/31/23 08:59	07/31/23 19:44	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.7	%	0.10	0.10	1		08/01/23 14:28		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-125 (0-2) **Lab ID: 50350243002** Collected: 07/25/23 09:45 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9590	ug/kg	1080	179	1	07/28/23 08:51	07/31/23 12:13	7440-38-2	
Barium	109000	ug/kg	1080	202	1	07/28/23 08:51	07/31/23 12:13	7440-39-3	
Chromium	20000	ug/kg	1080	1020	1	07/28/23 08:51	07/31/23 12:13	7440-47-3	
Copper	56400	ug/kg	1080	256	1	07/28/23 08:51	07/31/23 12:13	7440-50-8	
Lead	131000	ug/kg	1080	498	1	07/28/23 08:51	07/31/23 12:13	7439-92-1	
Zinc	171000	ug/kg	1080	930	1	07/28/23 08:51	07/31/23 12:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1630	ug/kg	53.3	23.4	1	07/28/23 13:58	07/31/23 02:56	7440-43-9	
Selenium	926	ug/kg	533	124	5	07/28/23 13:58	07/31/23 05:01	7782-49-2	
Silver	138	ug/kg	53.3	1.8	1	07/28/23 13:58	07/31/23 02:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	448	ug/kg	223	25.7	1	07/31/23 21:57	08/01/23 09:27	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	41.0	ug/kg	26.7	10.7	5	07/31/23 08:59	07/31/23 19:59	83-32-9	
Acenaphthylene	37.5	ug/kg	26.7	10.0	5	07/31/23 08:59	07/31/23 19:59	208-96-8	
Anthracene	133	ug/kg	26.7	13.4	5	07/31/23 08:59	07/31/23 19:59	120-12-7	
Benzo(a)anthracene	389	ug/kg	26.7	7.6	5	07/31/23 08:59	07/31/23 19:59	56-55-3	
Benzo(a)pyrene	401	ug/kg	26.7	15.9	5	07/31/23 08:59	07/31/23 19:59	50-32-8	
Benzo(b)fluoranthene	515	ug/kg	26.7	14.7	5	07/31/23 08:59	07/31/23 19:59	205-99-2	
Benzo(g,h,i)perylene	248	ug/kg	26.7	15.8	5	07/31/23 08:59	07/31/23 19:59	191-24-2	
Benzo(k)fluoranthene	157	ug/kg	26.7	12.3	5	07/31/23 08:59	07/31/23 19:59	207-08-9	
Chrysene	356	ug/kg	26.7	18.3	5	07/31/23 08:59	07/31/23 19:59	218-01-9	
Dibenz(a,h)anthracene	73.8	ug/kg	26.7	13.1	5	07/31/23 08:59	07/31/23 19:59	53-70-3	
Fluoranthene	792	ug/kg	26.7	18.6	5	07/31/23 08:59	07/31/23 19:59	206-44-0	
Fluorene	54.6	ug/kg	26.7	10.5	5	07/31/23 08:59	07/31/23 19:59	86-73-7	
Indeno(1,2,3-cd)pyrene	248	ug/kg	26.7	13.6	5	07/31/23 08:59	07/31/23 19:59	193-39-5	
2-Methylnaphthalene	90.5	ug/kg	26.7	25.1	5	07/31/23 08:59	07/31/23 19:59	91-57-6	
Naphthalene	66.2	ug/kg	26.7	24.5	5	07/31/23 08:59	07/31/23 19:59	91-20-3	ED
Phenanthrene	513	ug/kg	26.7	19.2	5	07/31/23 08:59	07/31/23 19:59	85-01-8	
Pyrene	643	ug/kg	26.7	18.3	5	07/31/23 08:59	07/31/23 19:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	23-115		5	07/31/23 08:59	07/31/23 19:59	321-60-8	
p-Terphenyl-d14 (S)	63	%	19-136		5	07/31/23 08:59	07/31/23 19:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.6	%	0.10	0.10	1		08/01/23 14:28		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-126 (0-2) Lab ID: 50350243003 Collected: 07/25/23 09:50 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8970	ug/kg	1110	184	1	07/28/23 08:51	07/31/23 12:15	7440-38-2	
Barium	98900	ug/kg	1110	209	1	07/28/23 08:51	07/31/23 12:15	7440-39-3	
Chromium	15700	ug/kg	1110	1050	1	07/28/23 08:51	07/31/23 12:15	7440-47-3	
Copper	26900	ug/kg	1110	264	1	07/28/23 08:51	07/31/23 12:15	7440-50-8	
Lead	88800	ug/kg	1110	514	1	07/28/23 08:51	07/31/23 12:15	7439-92-1	
Zinc	119000	ug/kg	1110	958	1	07/28/23 08:51	07/31/23 12:15	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	664	ug/kg	55.0	24.1	1	07/28/23 13:58	07/31/23 02:59	7440-43-9	
Selenium	863	ug/kg	550	128	5	07/28/23 13:58	07/31/23 05:04	7782-49-2	
Silver	72.7	ug/kg	55.0	1.9	1	07/28/23 13:58	07/31/23 02:59	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	95.8J	ug/kg	242	27.8	1	07/31/23 21:57	08/01/23 09:29	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	57.1	23.0	10	07/31/23 08:59	07/31/23 20:13	83-32-9	
Acenaphthylene	ND	ug/kg	57.1	21.5	10	07/31/23 08:59	07/31/23 20:13	208-96-8	
Anthracene	81.0	ug/kg	57.1	28.6	10	07/31/23 08:59	07/31/23 20:13	120-12-7	
Benzo(a)anthracene	248	ug/kg	57.1	16.2	10	07/31/23 08:59	07/31/23 20:13	56-55-3	
Benzo(a)pyrene	268	ug/kg	57.1	34.0	10	07/31/23 08:59	07/31/23 20:13	50-32-8	
Benzo(b)fluoranthene	337	ug/kg	57.1	31.5	10	07/31/23 08:59	07/31/23 20:13	205-99-2	
Benzo(g,h,i)perylene	185	ug/kg	57.1	33.9	10	07/31/23 08:59	07/31/23 20:13	191-24-2	
Benzo(k)fluoranthene	101	ug/kg	57.1	26.4	10	07/31/23 08:59	07/31/23 20:13	207-08-9	
Chrysene	229	ug/kg	57.1	39.3	10	07/31/23 08:59	07/31/23 20:13	218-01-9	
Dibenz(a,h)anthracene	48.6J	ug/kg	57.1	28.1	10	07/31/23 08:59	07/31/23 20:13	53-70-3	
Fluoranthene	520	ug/kg	57.1	39.8	10	07/31/23 08:59	07/31/23 20:13	206-44-0	
Fluorene	ND	ug/kg	57.1	22.6	10	07/31/23 08:59	07/31/23 20:13	86-73-7	
Indeno(1,2,3-cd)pyrene	163	ug/kg	57.1	29.1	10	07/31/23 08:59	07/31/23 20:13	193-39-5	
2-Methylnaphthalene	ND	ug/kg	57.1	53.7	10	07/31/23 08:59	07/31/23 20:13	91-57-6	
Naphthalene	ND	ug/kg	57.1	52.6	10	07/31/23 08:59	07/31/23 20:13	91-20-3	ED
Phenanthrene	309	ug/kg	57.1	41.1	10	07/31/23 08:59	07/31/23 20:13	85-01-8	
Pyrene	406	ug/kg	57.1	39.2	10	07/31/23 08:59	07/31/23 20:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	23-115		10	07/31/23 08:59	07/31/23 20:13	321-60-8	
p-Terphenyl-d14 (S)	57	%	19-136		10	07/31/23 08:59	07/31/23 20:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.8	%	0.10	0.10	1		08/01/23 14:28		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-127 (0-2) Lab ID: 50350243004 Collected: 07/25/23 09:54 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8340	ug/kg	1070	177	1	07/28/23 08:51	07/31/23 12:18	7440-38-2	
Barium	410000	ug/kg	1070	200	1	07/28/23 08:51	07/31/23 12:18	7440-39-3	
Chromium	16200	ug/kg	1070	1010	1	07/28/23 08:51	07/31/23 12:18	7440-47-3	
Copper	59100	ug/kg	1070	254	1	07/28/23 08:51	07/31/23 12:18	7440-50-8	
Lead	138000	ug/kg	1070	493	1	07/28/23 08:51	07/31/23 12:18	7439-92-1	
Zinc	299000	ug/kg	1070	921	1	07/28/23 08:51	07/31/23 12:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	3060	ug/kg	54.4	23.8	1	07/28/23 13:58	07/31/23 03:09	7440-43-9	
Selenium	1270	ug/kg	544	127	5	07/28/23 13:58	07/31/23 05:07	7782-49-2	
Silver	150	ug/kg	54.4	1.8	1	07/28/23 13:58	07/31/23 03:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	335	ug/kg	237	27.2	1	07/31/23 21:57	08/01/23 09:31	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	104	ug/kg	54.7	22.0	10	07/31/23 08:59	07/31/23 20:27	83-32-9	
Acenaphthylene	52.5J	ug/kg	54.7	20.6	10	07/31/23 08:59	07/31/23 20:27	208-96-8	
Anthracene	249	ug/kg	54.7	27.4	10	07/31/23 08:59	07/31/23 20:27	120-12-7	
Benzo(a)anthracene	656	ug/kg	54.7	15.5	10	07/31/23 08:59	07/31/23 20:27	56-55-3	
Benzo(a)pyrene	668	ug/kg	54.7	32.6	10	07/31/23 08:59	07/31/23 20:27	50-32-8	
Benzo(b)fluoranthene	867	ug/kg	54.7	30.1	10	07/31/23 08:59	07/31/23 20:27	205-99-2	
Benzo(g,h,i)perylene	403	ug/kg	54.7	32.4	10	07/31/23 08:59	07/31/23 20:27	191-24-2	
Benzo(k)fluoranthene	261	ug/kg	54.7	25.3	10	07/31/23 08:59	07/31/23 20:27	207-08-9	
Chrysene	595	ug/kg	54.7	37.6	10	07/31/23 08:59	07/31/23 20:27	218-01-9	
Dibenz(a,h)anthracene	119	ug/kg	54.7	26.9	10	07/31/23 08:59	07/31/23 20:27	53-70-3	
Fluoranthene	1390	ug/kg	54.7	38.1	10	07/31/23 08:59	07/31/23 20:27	206-44-0	
Fluorene	127	ug/kg	54.7	21.6	10	07/31/23 08:59	07/31/23 20:27	86-73-7	
Indeno(1,2,3-cd)pyrene	403	ug/kg	54.7	27.9	10	07/31/23 08:59	07/31/23 20:27	193-39-5	
2-Methylnaphthalene	121	ug/kg	54.7	51.4	10	07/31/23 08:59	07/31/23 20:27	91-57-6	
Naphthalene	121	ug/kg	54.7	50.3	10	07/31/23 08:59	07/31/23 20:27	91-20-3	ED
Phenanthrene	984	ug/kg	54.7	39.4	10	07/31/23 08:59	07/31/23 20:27	85-01-8	
Pyrene	1120	ug/kg	54.7	37.5	10	07/31/23 08:59	07/31/23 20:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	23-115		10	07/31/23 08:59	07/31/23 20:27	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-136		10	07/31/23 08:59	07/31/23 20:27	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.2	%	0.10	0.10	1		08/01/23 14:28		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-128 (0-2) Lab ID: 50350243005 Collected: 07/25/23 09:59 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7620	ug/kg	1110	185	1	07/28/23 08:51	07/31/23 12:20	7440-38-2	
Barium	124000	ug/kg	1110	209	1	07/28/23 08:51	07/31/23 12:20	7440-39-3	
Chromium	17100	ug/kg	1110	1060	1	07/28/23 08:51	07/31/23 12:20	7440-47-3	
Copper	40500	ug/kg	1110	265	1	07/28/23 08:51	07/31/23 12:20	7440-50-8	
Lead	209000	ug/kg	1110	515	1	07/28/23 08:51	07/31/23 12:20	7439-92-1	
Zinc	211000	ug/kg	1110	961	1	07/28/23 08:51	07/31/23 12:20	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2550	ug/kg	56.8	24.9	1	07/28/23 13:58	07/31/23 03:12	7440-43-9	
Selenium	1050	ug/kg	568	132	5	07/28/23 13:58	07/31/23 05:18	7782-49-2	
Silver	175	ug/kg	56.8	1.9	1	07/28/23 13:58	07/31/23 03:12	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	192J	ug/kg	238	27.4	1	07/31/23 21:57	08/01/23 09:34	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	83.6	ug/kg	58.3	23.4	10	07/31/23 08:59	07/31/23 20:42	83-32-9	
Acenaphthylene	60.3	ug/kg	58.3	21.9	10	07/31/23 08:59	07/31/23 20:42	208-96-8	
Anthracene	233	ug/kg	58.3	29.2	10	07/31/23 08:59	07/31/23 20:42	120-12-7	
Benzo(a)anthracene	537	ug/kg	58.3	16.6	10	07/31/23 08:59	07/31/23 20:42	56-55-3	
Benzo(a)pyrene	550	ug/kg	58.3	34.7	10	07/31/23 08:59	07/31/23 20:42	50-32-8	
Benzo(b)fluoranthene	722	ug/kg	58.3	32.1	10	07/31/23 08:59	07/31/23 20:42	205-99-2	
Benzo(g,h,i)perylene	336	ug/kg	58.3	34.6	10	07/31/23 08:59	07/31/23 20:42	191-24-2	
Benzo(k)fluoranthene	214	ug/kg	58.3	26.9	10	07/31/23 08:59	07/31/23 20:42	207-08-9	
Chrysene	483	ug/kg	58.3	40.1	10	07/31/23 08:59	07/31/23 20:42	218-01-9	
Dibenz(a,h)anthracene	97.3	ug/kg	58.3	28.7	10	07/31/23 08:59	07/31/23 20:42	53-70-3	
Fluoranthene	1160	ug/kg	58.3	40.6	10	07/31/23 08:59	07/31/23 20:42	206-44-0	
Fluorene	139	ug/kg	58.3	23.0	10	07/31/23 08:59	07/31/23 20:42	86-73-7	
Indeno(1,2,3-cd)pyrene	325	ug/kg	58.3	29.7	10	07/31/23 08:59	07/31/23 20:42	193-39-5	
2-Methylnaphthalene	87.4	ug/kg	58.3	54.8	10	07/31/23 08:59	07/31/23 20:42	91-57-6	
Naphthalene	140	ug/kg	58.3	53.6	10	07/31/23 08:59	07/31/23 20:42	91-20-3	ED
Phenanthrene	877	ug/kg	58.3	42.0	10	07/31/23 08:59	07/31/23 20:42	85-01-8	
Pyrene	895	ug/kg	58.3	40.0	10	07/31/23 08:59	07/31/23 20:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	23-115		10	07/31/23 08:59	07/31/23 20:42	321-60-8	
p-Terphenyl-d14 (S)	59	%	19-136		10	07/31/23 08:59	07/31/23 20:42	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.9	%	0.10	0.10	1		08/01/23 14:28		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-129 (0-2) Lab ID: 50350243006 Collected: 07/25/23 10:27 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7030	ug/kg	1030	170	1	07/28/23 08:51	07/31/23 12:22	7440-38-2	
Barium	119000	ug/kg	1030	193	1	07/28/23 08:51	07/31/23 12:22	7440-39-3	
Chromium	18100	ug/kg	1030	975	1	07/28/23 08:51	07/31/23 12:22	7440-47-3	
Copper	22500	ug/kg	1030	244	1	07/28/23 08:51	07/31/23 12:22	7440-50-8	
Lead	91200	ug/kg	1030	475	1	07/28/23 08:51	07/31/23 12:22	7439-92-1	
Zinc	135000	ug/kg	1030	887	1	07/28/23 08:51	07/31/23 12:22	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	860	ug/kg	55.3	24.2	1	07/28/23 13:58	07/31/23 03:16	7440-43-9	
Selenium	858	ug/kg	553	129	5	07/28/23 13:58	07/31/23 05:21	7782-49-2	
Silver	79.5	ug/kg	55.3	1.9	1	07/28/23 13:58	07/31/23 03:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	92.5J	ug/kg	250	28.8	1	07/31/23 21:57	08/01/23 09:36	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	57.7	23.2	10	08/02/23 10:36	08/02/23 14:35	83-32-9	
Acenaphthylene	ND	ug/kg	57.7	21.7	10	08/02/23 10:36	08/02/23 14:35	208-96-8	
Anthracene	ND	ug/kg	57.7	28.9	10	08/02/23 10:36	08/02/23 14:35	120-12-7	R1
Benzo(a)anthracene	149	ug/kg	57.7	16.4	10	08/02/23 10:36	08/02/23 14:35	56-55-3	R1
Benzo(a)pyrene	164	ug/kg	57.7	34.4	10	08/02/23 10:36	08/02/23 14:35	50-32-8	R1
Benzo(b)fluoranthene	224	ug/kg	57.7	31.8	10	08/02/23 10:36	08/02/23 14:35	205-99-2	R1
Benzo(g,h,i)perylene	130	ug/kg	57.7	34.2	10	08/02/23 10:36	08/02/23 14:35	191-24-2	R1
Benzo(k)fluoranthene	77.0	ug/kg	57.7	26.7	10	08/02/23 10:36	08/02/23 14:35	207-08-9	R1
Chrysene	172	ug/kg	57.7	39.7	10	08/02/23 10:36	08/02/23 14:35	218-01-9	R1
Dibenz(a,h)anthracene	ND	ug/kg	57.7	28.4	10	08/02/23 10:36	08/02/23 14:35	53-70-3	R1
Fluoranthene	349	ug/kg	57.7	40.2	10	08/02/23 10:36	08/02/23 14:35	206-44-0	R1
Fluorene	ND	ug/kg	57.7	22.8	10	08/02/23 10:36	08/02/23 14:35	86-73-7	
Indeno(1,2,3-cd)pyrene	121	ug/kg	57.7	29.4	10	08/02/23 10:36	08/02/23 14:35	193-39-5	R1
2-Methylnaphthalene	ND	ug/kg	57.7	54.3	10	08/02/23 10:36	08/02/23 14:35	91-57-6	
Naphthalene	ND	ug/kg	57.7	53.1	10	08/02/23 10:36	08/02/23 14:35	91-20-3	ED
Phenanthrene	164	ug/kg	57.7	41.6	10	08/02/23 10:36	08/02/23 14:35	85-01-8	
Pyrene	256	ug/kg	57.7	39.6	10	08/02/23 10:36	08/02/23 14:35	129-00-0	R1
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		10	08/02/23 10:36	08/02/23 14:35	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		10	08/02/23 10:36	08/02/23 14:35	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.7	%	0.10	0.10	1		08/01/23 14:29		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-130 (0-2) Lab ID: 50350243007 Collected: 07/25/23 10:35 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8040	ug/kg	1130	188	1	07/28/23 08:51	07/31/23 12:24	7440-38-2	
Barium	415000	ug/kg	1130	213	1	07/28/23 08:51	07/31/23 12:24	7440-39-3	
Chromium	24300	ug/kg	1130	1080	1	07/28/23 08:51	07/31/23 12:24	7440-47-3	
Copper	94200	ug/kg	1130	270	1	07/28/23 08:51	07/31/23 12:24	7440-50-8	
Lead	470000	ug/kg	1130	525	1	07/28/23 08:51	07/31/23 12:24	7439-92-1	
Zinc	389000	ug/kg	1130	980	1	07/28/23 08:51	07/31/23 12:24	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4550	ug/kg	56.3	24.7	1	07/28/23 13:58	07/31/23 03:19	7440-43-9	
Selenium	1090	ug/kg	563	131	5	07/28/23 13:58	07/31/23 05:24	7782-49-2	
Silver	163	ug/kg	56.3	1.9	1	07/28/23 13:58	07/31/23 03:19	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	653	ug/kg	250	28.7	1	07/31/23 21:57	08/01/23 09:46	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	57.2J	ug/kg	58.6	23.5	10	08/02/23 10:36	08/02/23 15:35	83-32-9	
Acenaphthylene	75.2	ug/kg	58.6	22.1	10	08/02/23 10:36	08/02/23 15:35	208-96-8	
Anthracene	221	ug/kg	58.6	29.3	10	08/02/23 10:36	08/02/23 15:35	120-12-7	
Benzo(a)anthracene	738	ug/kg	58.6	16.6	10	08/02/23 10:36	08/02/23 15:35	56-55-3	
Benzo(a)pyrene	763	ug/kg	58.6	34.9	10	08/02/23 10:36	08/02/23 15:35	50-32-8	
Benzo(b)fluoranthene	908	ug/kg	58.6	32.3	10	08/02/23 10:36	08/02/23 15:35	205-99-2	
Benzo(g,h,i)perylene	478	ug/kg	58.6	34.7	10	08/02/23 10:36	08/02/23 15:35	191-24-2	
Benzo(k)fluoranthene	372	ug/kg	58.6	27.1	10	08/02/23 10:36	08/02/23 15:35	207-08-9	
Chrysene	682	ug/kg	58.6	40.3	10	08/02/23 10:36	08/02/23 15:35	218-01-9	
Dibenz(a,h)anthracene	141	ug/kg	58.6	28.8	10	08/02/23 10:36	08/02/23 15:35	53-70-3	
Fluoranthene	1530	ug/kg	58.6	40.8	10	08/02/23 10:36	08/02/23 15:35	206-44-0	
Fluorene	84.4	ug/kg	58.6	23.2	10	08/02/23 10:36	08/02/23 15:35	86-73-7	
Indeno(1,2,3-cd)pyrene	476	ug/kg	58.6	29.8	10	08/02/23 10:36	08/02/23 15:35	193-39-5	
2-Methylnaphthalene	105	ug/kg	58.6	55.1	10	08/02/23 10:36	08/02/23 15:35	91-57-6	
Naphthalene	101	ug/kg	58.6	53.9	10	08/02/23 10:36	08/02/23 15:35	91-20-3	ED
Phenanthrene	878	ug/kg	58.6	42.2	10	08/02/23 10:36	08/02/23 15:35	85-01-8	
Pyrene	1140	ug/kg	58.6	40.2	10	08/02/23 10:36	08/02/23 15:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		10	08/02/23 10:36	08/02/23 15:35	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-136		10	08/02/23 10:36	08/02/23 15:35	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.4	%	0.10	0.10	1		08/01/23 14:29		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-131 (0-2) Lab ID: 50350243008 Collected: 07/25/23 10:40 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9070	ug/kg	1050	175	1	07/28/23 08:51	07/31/23 12:31	7440-38-2	
Barium	161000	ug/kg	1050	198	1	07/28/23 08:51	07/31/23 12:31	7440-39-3	
Chromium	16300	ug/kg	1050	1000	1	07/28/23 08:51	07/31/23 12:31	7440-47-3	
Copper	59000	ug/kg	1050	251	1	07/28/23 08:51	07/31/23 12:31	7440-50-8	
Lead	238000	ug/kg	1050	488	1	07/28/23 08:51	07/31/23 12:31	7439-92-1	
Zinc	170000	ug/kg	1050	910	1	07/28/23 08:51	07/31/23 12:31	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	8650	ug/kg	55.9	24.5	1	07/28/23 13:58	07/31/23 03:49	7440-43-9	
Selenium	1050	ug/kg	559	130	5	07/28/23 13:58	07/31/23 05:48	7782-49-2	
Silver	163	ug/kg	55.9	1.9	1	07/28/23 13:58	07/31/23 03:49	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	547	ug/kg	239	27.4	1	07/31/23 21:57	08/01/23 09:49	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1380	ug/kg	56.2	22.6	10	08/02/23 10:36	08/02/23 15:49	83-32-9	
Acenaphthylene	972	ug/kg	56.2	21.1	10	08/02/23 10:36	08/02/23 15:49	208-96-8	
Anthracene	3900	ug/kg	56.2	28.1	10	08/02/23 10:36	08/02/23 15:49	120-12-7	
Benzo(a)anthracene	7800	ug/kg	56.2	16.0	10	08/02/23 10:36	08/02/23 15:49	56-55-3	
Benzo(a)pyrene	6790	ug/kg	56.2	33.4	10	08/02/23 10:36	08/02/23 15:49	50-32-8	
Benzo(b)fluoranthene	8500	ug/kg	56.2	30.9	10	08/02/23 10:36	08/02/23 15:49	205-99-2	
Benzo(g,h,i)perylene	3550	ug/kg	56.2	33.3	10	08/02/23 10:36	08/02/23 15:49	191-24-2	
Benzo(k)fluoranthene	3010	ug/kg	56.2	26.0	10	08/02/23 10:36	08/02/23 15:49	207-08-9	
Chrysene	6740	ug/kg	56.2	38.6	10	08/02/23 10:36	08/02/23 15:49	218-01-9	
Dibenz(a,h)anthracene	1140	ug/kg	56.2	27.6	10	08/02/23 10:36	08/02/23 15:49	53-70-3	
Fluoranthene	18000	ug/kg	56.2	39.1	10	08/02/23 10:36	08/02/23 15:49	206-44-0	
Fluorene	1990	ug/kg	56.2	22.2	10	08/02/23 10:36	08/02/23 15:49	86-73-7	
Indeno(1,2,3-cd)pyrene	3700	ug/kg	56.2	28.6	10	08/02/23 10:36	08/02/23 15:49	193-39-5	
2-Methylnaphthalene	437	ug/kg	56.2	52.8	10	08/02/23 10:36	08/02/23 15:49	91-57-6	
Naphthalene	667	ug/kg	56.2	51.7	10	08/02/23 10:36	08/02/23 15:49	91-20-3	ED
Phenanthrene	12500	ug/kg	56.2	40.4	10	08/02/23 10:36	08/02/23 15:49	85-01-8	
Pyrene	13600	ug/kg	56.2	38.6	10	08/02/23 10:36	08/02/23 15:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	23-115		10	08/02/23 10:36	08/02/23 15:49	321-60-8	
p-Terphenyl-d14 (S)	67	%	19-136		10	08/02/23 10:36	08/02/23 15:49	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.3	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-132 (0-2) Lab ID: 50350243009 Collected: 07/25/23 10:49 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9340	ug/kg	1050	173	1	07/28/23 08:51	07/31/23 12:33	7440-38-2	
Barium	384000	ug/kg	1050	196	1	07/28/23 08:51	07/31/23 12:33	7440-39-3	
Chromium	26300	ug/kg	1050	993	1	07/28/23 08:51	07/31/23 12:33	7440-47-3	
Copper	231000	ug/kg	1050	249	1	07/28/23 08:51	07/31/23 12:33	7440-50-8	
Lead	656000	ug/kg	1050	484	1	07/28/23 08:51	07/31/23 12:33	7439-92-1	
Zinc	495000	ug/kg	1050	903	1	07/28/23 08:51	07/31/23 12:33	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	18900	ug/kg	55.9	24.5	1	07/28/23 13:58	07/31/23 03:53	7440-43-9	
Selenium	994	ug/kg	559	130	5	07/28/23 13:58	07/31/23 05:51	7782-49-2	
Silver	209	ug/kg	55.9	1.9	1	07/28/23 13:58	07/31/23 03:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	767	ug/kg	233	26.8	1	07/31/23 21:57	08/01/23 09:51	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	121	ug/kg	55.3	22.2	10	08/02/23 10:36	08/02/23 16:04	83-32-9	
Acenaphthylene	102	ug/kg	55.3	20.8	10	08/02/23 10:36	08/02/23 16:04	208-96-8	
Anthracene	467	ug/kg	55.3	27.7	10	08/02/23 10:36	08/02/23 16:04	120-12-7	
Benzo(a)anthracene	1450	ug/kg	55.3	15.7	10	08/02/23 10:36	08/02/23 16:04	56-55-3	
Benzo(a)pyrene	1450	ug/kg	55.3	32.9	10	08/02/23 10:36	08/02/23 16:04	50-32-8	
Benzo(b)fluoranthene	1870	ug/kg	55.3	30.4	10	08/02/23 10:36	08/02/23 16:04	205-99-2	
Benzo(g,h,i)perylene	863	ug/kg	55.3	32.8	10	08/02/23 10:36	08/02/23 16:04	191-24-2	
Benzo(k)fluoranthene	600	ug/kg	55.3	25.5	10	08/02/23 10:36	08/02/23 16:04	207-08-9	
Chrysene	1310	ug/kg	55.3	38.0	10	08/02/23 10:36	08/02/23 16:04	218-01-9	
Dibenz(a,h)anthracene	268	ug/kg	55.3	27.2	10	08/02/23 10:36	08/02/23 16:04	53-70-3	
Fluoranthene	3150	ug/kg	55.3	38.5	10	08/02/23 10:36	08/02/23 16:04	206-44-0	
Fluorene	149	ug/kg	55.3	21.8	10	08/02/23 10:36	08/02/23 16:04	86-73-7	
Indeno(1,2,3-cd)pyrene	887	ug/kg	55.3	28.2	10	08/02/23 10:36	08/02/23 16:04	193-39-5	
2-Methylnaphthalene	94.2	ug/kg	55.3	51.9	10	08/02/23 10:36	08/02/23 16:04	91-57-6	
Naphthalene	92.1	ug/kg	55.3	50.8	10	08/02/23 10:36	08/02/23 16:04	91-20-3	ED
Phenanthrene	1540	ug/kg	55.3	39.8	10	08/02/23 10:36	08/02/23 16:04	85-01-8	
Pyrene	2250	ug/kg	55.3	37.9	10	08/02/23 10:36	08/02/23 16:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		10	08/02/23 10:36	08/02/23 16:04	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		10	08/02/23 10:36	08/02/23 16:04	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.6	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-133 (0-2) Lab ID: 50350243010 Collected: 07/25/23 11:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9040	ug/kg	1170	195	1	07/28/23 08:51	07/31/23 12:36	7440-38-2	
Barium	511000	ug/kg	1170	221	1	07/28/23 08:51	07/31/23 12:36	7440-39-3	
Chromium	26300	ug/kg	1170	1110	1	07/28/23 08:51	07/31/23 12:36	7440-47-3	
Copper	198000	ug/kg	1170	279	1	07/28/23 08:51	07/31/23 12:36	7440-50-8	
Lead	327000	ug/kg	1170	543	1	07/28/23 08:51	07/31/23 12:36	7439-92-1	
Zinc	403000	ug/kg	1170	1010	1	07/28/23 08:51	07/31/23 12:36	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	20200	ug/kg	57.0	25.0	1	07/28/23 13:58	07/31/23 03:56	7440-43-9	
Selenium	948	ug/kg	570	133	5	07/28/23 13:58	07/31/23 05:55	7782-49-2	
Silver	656	ug/kg	57.0	1.9	1	07/28/23 13:58	07/31/23 03:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	600	ug/kg	249	28.7	1	07/31/23 21:57	08/01/23 09:54	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	112	ug/kg	58.1	23.3	10	08/02/23 10:36	08/02/23 16:18	83-32-9	
Acenaphthylene	77.0	ug/kg	58.1	21.9	10	08/02/23 10:36	08/02/23 16:18	208-96-8	
Anthracene	332	ug/kg	58.1	29.1	10	08/02/23 10:36	08/02/23 16:18	120-12-7	
Benzo(a)anthracene	977	ug/kg	58.1	16.5	10	08/02/23 10:36	08/02/23 16:18	56-55-3	
Benzo(a)pyrene	935	ug/kg	58.1	34.6	10	08/02/23 10:36	08/02/23 16:18	50-32-8	
Benzo(b)fluoranthene	1250	ug/kg	58.1	32.0	10	08/02/23 10:36	08/02/23 16:18	205-99-2	
Benzo(g,h,i)perylene	585	ug/kg	58.1	34.4	10	08/02/23 10:36	08/02/23 16:18	191-24-2	
Benzo(k)fluoranthene	401	ug/kg	58.1	26.9	10	08/02/23 10:36	08/02/23 16:18	207-08-9	
Chrysene	925	ug/kg	58.1	39.9	10	08/02/23 10:36	08/02/23 16:18	218-01-9	
Dibenz(a,h)anthracene	175	ug/kg	58.1	28.6	10	08/02/23 10:36	08/02/23 16:18	53-70-3	
Fluoranthene	2220	ug/kg	58.1	40.5	10	08/02/23 10:36	08/02/23 16:18	206-44-0	
Fluorene	138	ug/kg	58.1	23.0	10	08/02/23 10:36	08/02/23 16:18	86-73-7	
Indeno(1,2,3-cd)pyrene	573	ug/kg	58.1	29.6	10	08/02/23 10:36	08/02/23 16:18	193-39-5	
2-Methylnaphthalene	178	ug/kg	58.1	54.6	10	08/02/23 10:36	08/02/23 16:18	91-57-6	
Naphthalene	225	ug/kg	58.1	53.4	10	08/02/23 10:36	08/02/23 16:18	91-20-3	ED
Phenanthrene	1370	ug/kg	58.1	41.8	10	08/02/23 10:36	08/02/23 16:18	85-01-8	
Pyrene	1610	ug/kg	58.1	39.9	10	08/02/23 10:36	08/02/23 16:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		10	08/02/23 10:36	08/02/23 16:18	321-60-8	
p-Terphenyl-d14 (S)	54	%	19-136		10	08/02/23 10:36	08/02/23 16:18	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.2	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-134 (0-2) **Lab ID: 50350243011** Collected: 07/25/23 11:09 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9640	ug/kg	1130	188	1	07/28/23 08:51	07/31/23 12:38	7440-38-2	
Barium	224000	ug/kg	1130	212	1	07/28/23 08:51	07/31/23 12:38	7440-39-3	
Chromium	22300	ug/kg	1130	1070	1	07/28/23 08:51	07/31/23 12:38	7440-47-3	
Copper	142000	ug/kg	1130	269	1	07/28/23 08:51	07/31/23 12:38	7440-50-8	
Lead	425000	ug/kg	1130	523	1	07/28/23 08:51	07/31/23 12:38	7439-92-1	
Zinc	365000	ug/kg	1130	976	1	07/28/23 08:51	07/31/23 12:38	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4580	ug/kg	56.7	24.8	1	07/28/23 13:58	07/31/23 04:00	7440-43-9	
Selenium	939	ug/kg	567	132	5	07/28/23 13:58	07/31/23 06:08	7782-49-2	
Silver	113	ug/kg	56.7	1.9	1	07/28/23 13:58	07/31/23 04:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	232	ug/kg	232	26.6	1	07/31/23 21:57	08/01/23 09:56	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	212	ug/kg	57.0	22.9	10	08/02/23 10:36	08/02/23 16:32	83-32-9	
Acenaphthylene	85.2	ug/kg	57.0	21.4	10	08/02/23 10:36	08/02/23 16:32	208-96-8	
Anthracene	590	ug/kg	57.0	28.5	10	08/02/23 10:36	08/02/23 16:32	120-12-7	
Benzo(a)anthracene	1730	ug/kg	57.0	16.2	10	08/02/23 10:36	08/02/23 16:32	56-55-3	
Benzo(a)pyrene	1650	ug/kg	57.0	33.9	10	08/02/23 10:36	08/02/23 16:32	50-32-8	
Benzo(b)fluoranthene	2270	ug/kg	57.0	31.3	10	08/02/23 10:36	08/02/23 16:32	205-99-2	
Benzo(g,h,i)perylene	908	ug/kg	57.0	33.8	10	08/02/23 10:36	08/02/23 16:32	191-24-2	
Benzo(k)fluoranthene	782	ug/kg	57.0	26.3	10	08/02/23 10:36	08/02/23 16:32	207-08-9	
Chrysene	1740	ug/kg	57.0	39.1	10	08/02/23 10:36	08/02/23 16:32	218-01-9	
Dibenz(a,h)anthracene	300	ug/kg	57.0	28.0	10	08/02/23 10:36	08/02/23 16:32	53-70-3	
Fluoranthene	4550	ug/kg	57.0	39.7	10	08/02/23 10:36	08/02/23 16:32	206-44-0	
Fluorene	238	ug/kg	57.0	22.5	10	08/02/23 10:36	08/02/23 16:32	86-73-7	
Indeno(1,2,3-cd)pyrene	987	ug/kg	57.0	29.0	10	08/02/23 10:36	08/02/23 16:32	193-39-5	
2-Methylnaphthalene	81.0	ug/kg	57.0	53.5	10	08/02/23 10:36	08/02/23 16:32	91-57-6	
Naphthalene	127	ug/kg	57.0	52.4	10	08/02/23 10:36	08/02/23 16:32	91-20-3	ED
Phenanthrene	2660	ug/kg	57.0	41.0	10	08/02/23 10:36	08/02/23 16:32	85-01-8	
Pyrene	2980	ug/kg	57.0	39.1	10	08/02/23 10:36	08/02/23 16:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	23-115		10	08/02/23 10:36	08/02/23 16:32	321-60-8	
p-Terphenyl-d14 (S)	89	%	19-136		10	08/02/23 10:36	08/02/23 16:32	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.0	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-135 (0-2) Lab ID: 50350243012 Collected: 07/25/23 11:14 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6160	ug/kg	1100	182	1	07/28/23 08:51	07/31/23 12:40	7440-38-2	
Barium	70500	ug/kg	1100	206	1	07/28/23 08:51	07/31/23 12:40	7440-39-3	
Chromium	21000	ug/kg	1100	1040	1	07/28/23 08:51	07/31/23 12:40	7440-47-3	
Copper	17800	ug/kg	1100	261	1	07/28/23 08:51	07/31/23 12:40	7440-50-8	
Lead	12800	ug/kg	1100	508	1	07/28/23 08:51	07/31/23 12:40	7439-92-1	
Zinc	53100	ug/kg	1100	947	1	07/28/23 08:51	07/31/23 12:40	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	189	ug/kg	53.6	23.5	1	07/28/23 13:58	07/31/23 04:10	7440-43-9	
Selenium	828	ug/kg	536	125	5	07/28/23 13:58	07/31/23 06:12	7782-49-2	
Silver	46.9J	ug/kg	53.6	1.8	1	07/28/23 13:58	07/31/23 04:10	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	25.9J	ug/kg	212	24.3	1	07/31/23 21:57	08/01/23 09:59	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.4	2.2	1	08/02/23 10:36	08/02/23 16:47	83-32-9	
Acenaphthylene	ND	ug/kg	5.4	2.0	1	08/02/23 10:36	08/02/23 16:47	208-96-8	
Anthracene	ND	ug/kg	5.4	2.7	1	08/02/23 10:36	08/02/23 16:47	120-12-7	
Benzo(a)anthracene	5.1J	ug/kg	5.4	1.5	1	08/02/23 10:36	08/02/23 16:47	56-55-3	
Benzo(a)pyrene	5.8	ug/kg	5.4	3.2	1	08/02/23 10:36	08/02/23 16:47	50-32-8	
Benzo(b)fluoranthene	9.3	ug/kg	5.4	3.0	1	08/02/23 10:36	08/02/23 16:47	205-99-2	
Benzo(g,h,i)perylene	9.1	ug/kg	5.4	3.2	1	08/02/23 10:36	08/02/23 16:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	2.5	1	08/02/23 10:36	08/02/23 16:47	207-08-9	
Chrysene	11.2	ug/kg	5.4	3.7	1	08/02/23 10:36	08/02/23 16:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	2.7	1	08/02/23 10:36	08/02/23 16:47	53-70-3	
Fluoranthene	9.2	ug/kg	5.4	3.8	1	08/02/23 10:36	08/02/23 16:47	206-44-0	
Fluorene	ND	ug/kg	5.4	2.1	1	08/02/23 10:36	08/02/23 16:47	86-73-7	
Indeno(1,2,3-cd)pyrene	3.9J	ug/kg	5.4	2.8	1	08/02/23 10:36	08/02/23 16:47	193-39-5	
2-Methylnaphthalene	ND	ug/kg	5.4	5.1	1	08/02/23 10:36	08/02/23 16:47	91-57-6	
Naphthalene	ND	ug/kg	5.4	5.0	1	08/02/23 10:36	08/02/23 16:47	91-20-3	
Phenanthrene	8.5	ug/kg	5.4	3.9	1	08/02/23 10:36	08/02/23 16:47	85-01-8	
Pyrene	8.7	ug/kg	5.4	3.7	1	08/02/23 10:36	08/02/23 16:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	23-115		1	08/02/23 10:36	08/02/23 16:47	321-60-8	
p-Terphenyl-d14 (S)	76	%	19-136		1	08/02/23 10:36	08/02/23 16:47	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10.6	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-136 (0-2) Lab ID: 50350243013 Collected: 07/25/23 11:24 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8170	ug/kg	952	158	1	07/28/23 08:51	07/31/23 12:42	7440-38-2	
Barium	77800	ug/kg	952	179	1	07/28/23 08:51	07/31/23 12:42	7440-39-3	
Chromium	18300	ug/kg	952	904	1	07/28/23 08:51	07/31/23 12:42	7440-47-3	
Copper	20800	ug/kg	952	227	1	07/28/23 08:51	07/31/23 12:42	7440-50-8	
Lead	19400	ug/kg	952	441	1	07/28/23 08:51	07/31/23 12:42	7439-92-1	
Zinc	56300	ug/kg	952	822	1	07/28/23 08:51	07/31/23 12:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	128	ug/kg	53.7	23.5	1	07/28/23 13:58	07/31/23 04:13	7440-43-9	
Selenium	893	ug/kg	537	125	5	07/28/23 13:58	07/31/23 06:15	7782-49-2	
Silver	72.4	ug/kg	53.7	1.8	1	07/28/23 13:58	07/31/23 04:13	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	86.5J	ug/kg	211	24.3	1	07/31/23 21:57	08/01/23 10:01	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	52.2J	ug/kg	53.8	21.6	10	08/02/23 10:36	08/02/23 17:01	83-32-9	
Acenaphthylene	ND	ug/kg	53.8	20.2	10	08/02/23 10:36	08/02/23 17:01	208-96-8	
Anthracene	152	ug/kg	53.8	26.9	10	08/02/23 10:36	08/02/23 17:01	120-12-7	
Benzo(a)anthracene	438	ug/kg	53.8	15.3	10	08/02/23 10:36	08/02/23 17:01	56-55-3	
Benzo(a)pyrene	427	ug/kg	53.8	32.0	10	08/02/23 10:36	08/02/23 17:01	50-32-8	
Benzo(b)fluoranthene	540	ug/kg	53.8	29.6	10	08/02/23 10:36	08/02/23 17:01	205-99-2	
Benzo(g,h,i)perylene	255	ug/kg	53.8	31.9	10	08/02/23 10:36	08/02/23 17:01	191-24-2	
Benzo(k)fluoranthene	182	ug/kg	53.8	24.8	10	08/02/23 10:36	08/02/23 17:01	207-08-9	
Chrysene	413	ug/kg	53.8	36.9	10	08/02/23 10:36	08/02/23 17:01	218-01-9	
Dibenz(a,h)anthracene	74.8	ug/kg	53.8	26.4	10	08/02/23 10:36	08/02/23 17:01	53-70-3	
Fluoranthene	975	ug/kg	53.8	37.4	10	08/02/23 10:36	08/02/23 17:01	206-44-0	
Fluorene	57.2	ug/kg	53.8	21.2	10	08/02/23 10:36	08/02/23 17:01	86-73-7	
Indeno(1,2,3-cd)pyrene	257	ug/kg	53.8	27.4	10	08/02/23 10:36	08/02/23 17:01	193-39-5	
2-Methylnaphthalene	ND	ug/kg	53.8	50.5	10	08/02/23 10:36	08/02/23 17:01	91-57-6	
Naphthalene	ND	ug/kg	53.8	49.5	10	08/02/23 10:36	08/02/23 17:01	91-20-3	ED
Phenanthrene	668	ug/kg	53.8	38.7	10	08/02/23 10:36	08/02/23 17:01	85-01-8	
Pyrene	729	ug/kg	53.8	36.9	10	08/02/23 10:36	08/02/23 17:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	23-115		10	08/02/23 10:36	08/02/23 17:01	321-60-8	
p-Terphenyl-d14 (S)	87	%	19-136		10	08/02/23 10:36	08/02/23 17:01	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	9.4	%	0.10	0.10	1		08/01/23 14:57		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-137 (0-2) **Lab ID: 50350243014** Collected: 07/25/23 11:27 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7600	ug/kg	1100	183	1	07/28/23 08:51	07/31/23 12:45	7440-38-2	
Barium	90500	ug/kg	1100	208	1	07/28/23 08:51	07/31/23 12:45	7440-39-3	
Chromium	17000	ug/kg	1100	1050	1	07/28/23 08:51	07/31/23 12:45	7440-47-3	
Copper	26500	ug/kg	1100	263	1	07/28/23 08:51	07/31/23 12:45	7440-50-8	
Lead	42700	ug/kg	1100	511	1	07/28/23 08:51	07/31/23 12:45	7439-92-1	
Zinc	66800	ug/kg	1100	954	1	07/28/23 08:51	07/31/23 12:45	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	973	ug/kg	54.3	23.8	1	07/28/23 13:58	07/31/23 04:16	7440-43-9	
Selenium	816	ug/kg	543	126	5	07/28/23 13:58	07/31/23 06:18	7782-49-2	
Silver	60.5	ug/kg	54.3	1.8	1	07/28/23 13:58	07/31/23 04:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	94.4J	ug/kg	221	25.4	1	07/31/23 21:57	08/01/23 10:03	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	67.5	ug/kg	56.5	22.7	10	08/02/23 10:36	08/02/23 17:16	83-32-9	
Acenaphthylene	115	ug/kg	56.5	21.3	10	08/02/23 10:36	08/02/23 17:16	208-96-8	
Anthracene	316	ug/kg	56.5	28.3	10	08/02/23 10:36	08/02/23 17:16	120-12-7	
Benzo(a)anthracene	853	ug/kg	56.5	16.0	10	08/02/23 10:36	08/02/23 17:16	56-55-3	
Benzo(a)pyrene	1100	ug/kg	56.5	33.6	10	08/02/23 10:36	08/02/23 17:16	50-32-8	
Benzo(b)fluoranthene	1240	ug/kg	56.5	31.1	10	08/02/23 10:36	08/02/23 17:16	205-99-2	
Benzo(g,h,i)perylene	934	ug/kg	56.5	33.5	10	08/02/23 10:36	08/02/23 17:16	191-24-2	
Benzo(k)fluoranthene	422	ug/kg	56.5	26.1	10	08/02/23 10:36	08/02/23 17:16	207-08-9	
Chrysene	825	ug/kg	56.5	38.8	10	08/02/23 10:36	08/02/23 17:16	218-01-9	
Dibenz(a,h)anthracene	231	ug/kg	56.5	27.8	10	08/02/23 10:36	08/02/23 17:16	53-70-3	
Fluoranthene	2050	ug/kg	56.5	39.3	10	08/02/23 10:36	08/02/23 17:16	206-44-0	
Fluorene	74.2	ug/kg	56.5	22.3	10	08/02/23 10:36	08/02/23 17:16	86-73-7	
Indeno(1,2,3-cd)pyrene	830	ug/kg	56.5	28.8	10	08/02/23 10:36	08/02/23 17:16	193-39-5	
2-Methylnaphthalene	ND	ug/kg	56.5	53.1	10	08/02/23 10:36	08/02/23 17:16	91-57-6	
Naphthalene	ND	ug/kg	56.5	52.0	10	08/02/23 10:36	08/02/23 17:16	91-20-3	ED
Phenanthrene	1040	ug/kg	56.5	40.7	10	08/02/23 10:36	08/02/23 17:16	85-01-8	
Pyrene	1620	ug/kg	56.5	38.8	10	08/02/23 10:36	08/02/23 17:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		10	08/02/23 10:36	08/02/23 17:16	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		10	08/02/23 10:36	08/02/23 17:16	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.8	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-138 (0-2) Lab ID: 50350243015 Collected: 07/25/23 11:36 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	5240	ug/kg	1090	181	1	07/28/23 08:51	07/31/23 12:47	7440-38-2	
Barium	77900	ug/kg	1090	205	1	07/28/23 08:51	07/31/23 12:47	7440-39-3	
Chromium	14600	ug/kg	1090	1030	1	07/28/23 08:51	07/31/23 12:47	7440-47-3	
Copper	25100	ug/kg	1090	259	1	07/28/23 08:51	07/31/23 12:47	7440-50-8	
Lead	62200	ug/kg	1090	504	1	07/28/23 08:51	07/31/23 12:47	7439-92-1	
Zinc	112000	ug/kg	1090	940	1	07/28/23 08:51	07/31/23 12:47	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	830	ug/kg	54.9	24.1	1	07/28/23 13:58	07/31/23 04:20	7440-43-9	
Selenium	915	ug/kg	549	128	5	07/28/23 13:58	07/31/23 06:22	7782-49-2	
Silver	53.5J	ug/kg	54.9	1.9	1	07/28/23 13:58	07/31/23 04:20	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	107J	ug/kg	230	26.5	1	07/31/23 21:57	08/01/23 10:06	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	469	ug/kg	53.9	21.6	10	08/02/23 10:36	08/02/23 17:30	83-32-9	
Acenaphthylene	38.3J	ug/kg	53.9	20.3	10	08/02/23 10:36	08/02/23 17:30	208-96-8	
Anthracene	926	ug/kg	53.9	27.0	10	08/02/23 10:36	08/02/23 17:30	120-12-7	
Benzo(a)anthracene	2190	ug/kg	53.9	15.3	10	08/02/23 10:36	08/02/23 17:30	56-55-3	
Benzo(a)pyrene	2230	ug/kg	53.9	32.1	10	08/02/23 10:36	08/02/23 17:30	50-32-8	
Benzo(b)fluoranthene	2680	ug/kg	53.9	29.7	10	08/02/23 10:36	08/02/23 17:30	205-99-2	
Benzo(g,h,i)perylene	1230	ug/kg	53.9	31.9	10	08/02/23 10:36	08/02/23 17:30	191-24-2	
Benzo(k)fluoranthene	969	ug/kg	53.9	24.9	10	08/02/23 10:36	08/02/23 17:30	207-08-9	
Chrysene	2110	ug/kg	53.9	37.0	10	08/02/23 10:36	08/02/23 17:30	218-01-9	
Dibenz(a,h)anthracene	336	ug/kg	53.9	26.5	10	08/02/23 10:36	08/02/23 17:30	53-70-3	
Fluoranthene	5190	ug/kg	53.9	37.5	10	08/02/23 10:36	08/02/23 17:30	206-44-0	
Fluorene	447	ug/kg	53.9	21.3	10	08/02/23 10:36	08/02/23 17:30	86-73-7	
Indeno(1,2,3-cd)pyrene	1240	ug/kg	53.9	27.4	10	08/02/23 10:36	08/02/23 17:30	193-39-5	
2-Methylnaphthalene	59.3	ug/kg	53.9	50.6	10	08/02/23 10:36	08/02/23 17:30	91-57-6	
Naphthalene	69.1	ug/kg	53.9	49.6	10	08/02/23 10:36	08/02/23 17:30	91-20-3	ED
Phenanthrene	3640	ug/kg	53.9	38.8	10	08/02/23 10:36	08/02/23 17:30	85-01-8	
Pyrene	3820	ug/kg	53.9	37.0	10	08/02/23 10:36	08/02/23 17:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	93	%	23-115		10	08/02/23 10:36	08/02/23 17:30	321-60-8	
p-Terphenyl-d14 (S)	99	%	19-136		10	08/02/23 10:36	08/02/23 17:30	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.9	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-139 (0-2) Lab ID: 50350243016 Collected: 07/25/23 11:47 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7810	ug/kg	1030	171	1	07/28/23 08:51	07/31/23 12:49	7440-38-2	
Barium	81500	ug/kg	1030	194	1	07/28/23 08:51	07/31/23 12:49	7440-39-3	
Chromium	19200	ug/kg	1030	979	1	07/28/23 08:51	07/31/23 12:49	7440-47-3	
Copper	19300	ug/kg	1030	245	1	07/28/23 08:51	07/31/23 12:49	7440-50-8	
Lead	14100	ug/kg	1030	477	1	07/28/23 08:51	07/31/23 12:49	7439-92-1	
Zinc	46200	ug/kg	1030	890	1	07/28/23 08:51	07/31/23 12:49	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	12200	ug/kg	58.4	25.6	1	07/28/23 13:58	07/31/23 04:30	7440-43-9	
Selenium	825	ug/kg	584	136	5	07/28/23 13:58	07/31/23 06:32	7782-49-2	
Silver	68.5	ug/kg	58.4	2.0	1	07/28/23 13:58	07/31/23 04:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	72.0J	ug/kg	245	28.2	1	07/31/23 21:57	08/01/23 10:08	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	122	ug/kg	58.0	23.3	10	08/02/23 10:36	08/02/23 17:44	83-32-9	
Acenaphthylene	164	ug/kg	58.0	21.8	10	08/02/23 10:36	08/02/23 17:44	208-96-8	
Anthracene	573	ug/kg	58.0	29.0	10	08/02/23 10:36	08/02/23 17:44	120-12-7	
Benzo(a)anthracene	1730	ug/kg	58.0	16.5	10	08/02/23 10:36	08/02/23 17:44	56-55-3	
Benzo(a)pyrene	1630	ug/kg	58.0	34.5	10	08/02/23 10:36	08/02/23 17:44	50-32-8	
Benzo(b)fluoranthene	1980	ug/kg	58.0	31.9	10	08/02/23 10:36	08/02/23 17:44	205-99-2	
Benzo(g,h,i)perylene	937	ug/kg	58.0	34.4	10	08/02/23 10:36	08/02/23 17:44	191-24-2	
Benzo(k)fluoranthene	797	ug/kg	58.0	26.8	10	08/02/23 10:36	08/02/23 17:44	207-08-9	
Chrysene	1610	ug/kg	58.0	39.8	10	08/02/23 10:36	08/02/23 17:44	218-01-9	
Dibenz(a,h)anthracene	226	ug/kg	58.0	28.5	10	08/02/23 10:36	08/02/23 17:44	53-70-3	
Fluoranthene	3760	ug/kg	58.0	40.4	10	08/02/23 10:36	08/02/23 17:44	206-44-0	
Fluorene	134	ug/kg	58.0	22.9	10	08/02/23 10:36	08/02/23 17:44	86-73-7	
Indeno(1,2,3-cd)pyrene	963	ug/kg	58.0	29.5	10	08/02/23 10:36	08/02/23 17:44	193-39-5	
2-Methylnaphthalene	67.5	ug/kg	58.0	54.5	10	08/02/23 10:36	08/02/23 17:44	91-57-6	
Naphthalene	82.6	ug/kg	58.0	53.3	10	08/02/23 10:36	08/02/23 17:44	91-20-3	ED
Phenanthrene	2220	ug/kg	58.0	41.7	10	08/02/23 10:36	08/02/23 17:44	85-01-8	
Pyrene	2940	ug/kg	58.0	39.8	10	08/02/23 10:36	08/02/23 17:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		10	08/02/23 10:36	08/02/23 17:44	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		10	08/02/23 10:36	08/02/23 17:44	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.5	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-140 (0-2) Lab ID: 50350243017 Collected: 07/25/23 12:41 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11700	ug/kg	1080	179	1	07/28/23 08:51	07/31/23 12:51	7440-38-2	
Barium	252000	ug/kg	1080	203	1	07/28/23 08:51	07/31/23 12:51	7440-39-3	
Chromium	20400	ug/kg	1080	1020	1	07/28/23 08:51	07/31/23 12:51	7440-47-3	
Copper	169000	ug/kg	1080	257	1	07/28/23 08:51	07/31/23 12:51	7440-50-8	
Lead	421000	ug/kg	1080	499	1	07/28/23 08:51	07/31/23 12:51	7439-92-1	
Zinc	460000	ug/kg	1080	932	1	07/28/23 08:51	07/31/23 12:51	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	56700	ug/kg	294	129	5	07/28/23 13:58	07/31/23 06:35	7440-43-9	
Selenium	917	ug/kg	587	137	5	07/28/23 13:58	07/31/23 06:35	7782-49-2	
Silver	326	ug/kg	58.7	2.0	1	07/28/23 13:58	07/31/23 04:33	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	146J	ug/kg	254	29.2	1	07/31/23 21:57	08/01/23 10:18	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	46.5J	ug/kg	61.0	24.5	10	08/02/23 10:36	08/02/23 17:59	83-32-9	
Acenaphthylene	56.6J	ug/kg	61.0	23.0	10	08/02/23 10:36	08/02/23 17:59	208-96-8	
Anthracene	174	ug/kg	61.0	30.6	10	08/02/23 10:36	08/02/23 17:59	120-12-7	
Benzo(a)anthracene	516	ug/kg	61.0	17.3	10	08/02/23 10:36	08/02/23 17:59	56-55-3	
Benzo(a)pyrene	499	ug/kg	61.0	36.3	10	08/02/23 10:36	08/02/23 17:59	50-32-8	
Benzo(b)fluoranthene	621	ug/kg	61.0	33.6	10	08/02/23 10:36	08/02/23 17:59	205-99-2	
Benzo(g,h,i)perylene	298	ug/kg	61.0	36.2	10	08/02/23 10:36	08/02/23 17:59	191-24-2	
Benzo(k)fluoranthene	235	ug/kg	61.0	28.2	10	08/02/23 10:36	08/02/23 17:59	207-08-9	
Chrysene	492	ug/kg	61.0	41.9	10	08/02/23 10:36	08/02/23 17:59	218-01-9	
Dibenz(a,h)anthracene	90.4	ug/kg	61.0	30.0	10	08/02/23 10:36	08/02/23 17:59	53-70-3	
Fluoranthene	1130	ug/kg	61.0	42.5	10	08/02/23 10:36	08/02/23 17:59	206-44-0	
Fluorene	51.4J	ug/kg	61.0	24.1	10	08/02/23 10:36	08/02/23 17:59	86-73-7	
Indeno(1,2,3-cd)pyrene	300	ug/kg	61.0	31.1	10	08/02/23 10:36	08/02/23 17:59	193-39-5	
2-Methylnaphthalene	ND	ug/kg	61.0	57.4	10	08/02/23 10:36	08/02/23 17:59	91-57-6	
Naphthalene	ND	ug/kg	61.0	56.2	10	08/02/23 10:36	08/02/23 17:59	91-20-3	ED
Phenanthrene	754	ug/kg	61.0	43.9	10	08/02/23 10:36	08/02/23 17:59	85-01-8	
Pyrene	843	ug/kg	61.0	41.9	10	08/02/23 10:36	08/02/23 17:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	23-115		10	08/02/23 10:36	08/02/23 17:59	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		10	08/02/23 10:36	08/02/23 17:59	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	19.2	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-141 (0-2) Lab ID: 50350243018 Collected: 07/25/23 12:59 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6790	ug/kg	1100	183	1	07/28/23 08:51	07/31/23 12:58	7440-38-2	
Barium	94600	ug/kg	1100	207	1	07/28/23 08:51	07/31/23 12:58	7440-39-3	
Chromium	29800	ug/kg	1100	1050	1	07/28/23 08:51	07/31/23 12:58	7440-47-3	
Copper	33600	ug/kg	1100	262	1	07/28/23 08:51	07/31/23 12:58	7440-50-8	
Lead	131000	ug/kg	1100	510	1	07/28/23 08:51	07/31/23 12:58	7439-92-1	
Zinc	118000	ug/kg	1100	952	1	07/28/23 08:51	07/31/23 12:58	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	5050	ug/kg	57.7	25.3	1	07/28/23 13:58	07/31/23 04:37	7440-43-9	
Selenium	880	ug/kg	577	134	5	07/28/23 13:58	07/31/23 06:39	7782-49-2	
Silver	80.7	ug/kg	57.7	1.9	1	07/28/23 13:58	07/31/23 04:37	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	143J	ug/kg	240	27.6	1	07/31/23 21:57	08/01/23 10:21	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	93.4	ug/kg	57.3	23.0	10	08/02/23 10:36	08/02/23 18:13	83-32-9	
Acenaphthylene	62.9	ug/kg	57.3	21.6	10	08/02/23 10:36	08/02/23 18:13	208-96-8	
Anthracene	265	ug/kg	57.3	28.7	10	08/02/23 10:36	08/02/23 18:13	120-12-7	
Benzo(a)anthracene	921	ug/kg	57.3	16.3	10	08/02/23 10:36	08/02/23 18:13	56-55-3	
Benzo(a)pyrene	955	ug/kg	57.3	34.1	10	08/02/23 10:36	08/02/23 18:13	50-32-8	
Benzo(b)fluoranthene	1220	ug/kg	57.3	31.5	10	08/02/23 10:36	08/02/23 18:13	205-99-2	
Benzo(g,h,i)perylene	563	ug/kg	57.3	34.0	10	08/02/23 10:36	08/02/23 18:13	191-24-2	
Benzo(k)fluoranthene	432	ug/kg	57.3	26.5	10	08/02/23 10:36	08/02/23 18:13	207-08-9	
Chrysene	862	ug/kg	57.3	39.3	10	08/02/23 10:36	08/02/23 18:13	218-01-9	
Dibenz(a,h)anthracene	175	ug/kg	57.3	28.1	10	08/02/23 10:36	08/02/23 18:13	53-70-3	
Fluoranthene	1960	ug/kg	57.3	39.9	10	08/02/23 10:36	08/02/23 18:13	206-44-0	
Fluorene	95.0	ug/kg	57.3	22.6	10	08/02/23 10:36	08/02/23 18:13	86-73-7	
Indeno(1,2,3-cd)pyrene	573	ug/kg	57.3	29.2	10	08/02/23 10:36	08/02/23 18:13	193-39-5	
2-Methylnaphthalene	ND	ug/kg	57.3	53.8	10	08/02/23 10:36	08/02/23 18:13	91-57-6	
Naphthalene	ND	ug/kg	57.3	52.7	10	08/02/23 10:36	08/02/23 18:13	91-20-3	ED
Phenanthrene	1020	ug/kg	57.3	41.2	10	08/02/23 10:36	08/02/23 18:13	85-01-8	
Pyrene	1460	ug/kg	57.3	39.3	10	08/02/23 10:36	08/02/23 18:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	23-115		10	08/02/23 10:36	08/02/23 18:13	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		10	08/02/23 10:36	08/02/23 18:13	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	17.1	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-142 (0-2) Lab ID: 50350243019 Collected: 07/25/23 13:04 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	9300	ug/kg	1110	185	1	07/28/23 08:51	07/31/23 13:00	7440-38-2	
Barium	121000	ug/kg	1110	209	1	07/28/23 08:51	07/31/23 13:00	7440-39-3	
Chromium	24400	ug/kg	1110	1060	1	07/28/23 08:51	07/31/23 13:00	7440-47-3	
Copper	29900	ug/kg	1110	265	1	07/28/23 08:51	07/31/23 13:00	7440-50-8	
Lead	131000	ug/kg	1110	516	1	07/28/23 08:51	07/31/23 13:00	7439-92-1	
Zinc	129000	ug/kg	1110	962	1	07/28/23 08:51	07/31/23 13:00	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	667	ug/kg	58.0	25.4	1	07/28/23 13:58	07/31/23 04:40	7440-43-9	
Selenium	965	ug/kg	580	135	5	07/28/23 13:58	07/31/23 06:42	7782-49-2	
Silver	102	ug/kg	58.0	2.0	1	07/28/23 13:58	07/31/23 04:40	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	537	ug/kg	247	28.4	1	07/31/23 21:57	08/01/23 10:23	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	58.1	ug/kg	30.3	12.2	5	08/02/23 10:36	08/02/23 18:28	83-32-9	
Acenaphthylene	41.5	ug/kg	30.3	11.4	5	08/02/23 10:36	08/02/23 18:28	208-96-8	
Anthracene	162	ug/kg	30.3	15.2	5	08/02/23 10:36	08/02/23 18:28	120-12-7	
Benzo(a)anthracene	489	ug/kg	30.3	8.6	5	08/02/23 10:36	08/02/23 18:28	56-55-3	
Benzo(a)pyrene	478	ug/kg	30.3	18.1	5	08/02/23 10:36	08/02/23 18:28	50-32-8	
Benzo(b)fluoranthene	608	ug/kg	30.3	16.7	5	08/02/23 10:36	08/02/23 18:28	205-99-2	
Benzo(g,h,i)perylene	273	ug/kg	30.3	18.0	5	08/02/23 10:36	08/02/23 18:28	191-24-2	
Benzo(k)fluoranthene	221	ug/kg	30.3	14.0	5	08/02/23 10:36	08/02/23 18:28	207-08-9	
Chrysene	463	ug/kg	30.3	20.8	5	08/02/23 10:36	08/02/23 18:28	218-01-9	
Dibenz(a,h)anthracene	86.9	ug/kg	30.3	14.9	5	08/02/23 10:36	08/02/23 18:28	53-70-3	
Fluoranthene	1060	ug/kg	30.3	21.1	5	08/02/23 10:36	08/02/23 18:28	206-44-0	
Fluorene	52.9	ug/kg	30.3	12.0	5	08/02/23 10:36	08/02/23 18:28	86-73-7	
Indeno(1,2,3-cd)pyrene	283	ug/kg	30.3	15.5	5	08/02/23 10:36	08/02/23 18:28	193-39-5	
2-Methylnaphthalene	37.8	ug/kg	30.3	28.5	5	08/02/23 10:36	08/02/23 18:28	91-57-6	
Naphthalene	44.0	ug/kg	30.3	27.9	5	08/02/23 10:36	08/02/23 18:28	91-20-3	ED
Phenanthrene	632	ug/kg	30.3	21.8	5	08/02/23 10:36	08/02/23 18:28	85-01-8	
Pyrene	777	ug/kg	30.3	20.8	5	08/02/23 10:36	08/02/23 18:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	44	%	23-115		5	08/02/23 10:36	08/02/23 18:28	321-60-8	
p-Terphenyl-d14 (S)	46	%	19-136		5	08/02/23 10:36	08/02/23 18:28	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	18.7	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-143 (0-2) Lab ID: 50350243020 Collected: 07/25/23 13:07 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8490	ug/kg	1050	174	1	07/28/23 08:51	07/31/23 13:03	7440-38-2	
Barium	90100	ug/kg	1050	197	1	07/28/23 08:51	07/31/23 13:03	7440-39-3	
Chromium	19400	ug/kg	1050	998	1	07/28/23 08:51	07/31/23 13:03	7440-47-3	
Copper	25500	ug/kg	1050	250	1	07/28/23 08:51	07/31/23 13:03	7440-50-8	
Lead	220000	ug/kg	1050	486	1	07/28/23 08:51	07/31/23 13:03	7439-92-1	
Zinc	95200	ug/kg	1050	908	1	07/28/23 08:51	07/31/23 13:03	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	173	ug/kg	56.7	24.8	1	07/28/23 13:58	07/31/23 04:50	7440-43-9	
Selenium	780	ug/kg	567	132	5	07/28/23 13:58	07/31/23 06:45	7782-49-2	
Silver	55.8J	ug/kg	56.7	1.9	1	07/28/23 13:58	07/31/23 04:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	229J	ug/kg	243	28.0	1	07/31/23 21:57	08/01/23 10:26	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	12.1	ug/kg	5.5	2.2	1	08/02/23 10:36	08/02/23 18:42	83-32-9	
Acenaphthylene	9.6	ug/kg	5.5	2.1	1	08/02/23 10:36	08/02/23 18:42	208-96-8	
Anthracene	43.6	ug/kg	5.5	2.8	1	08/02/23 10:36	08/02/23 18:42	120-12-7	
Benzo(a)anthracene	157	ug/kg	5.5	1.6	1	08/02/23 10:36	08/02/23 18:42	56-55-3	
Benzo(a)pyrene	160	ug/kg	5.5	3.3	1	08/02/23 10:36	08/02/23 18:42	50-32-8	
Benzo(b)fluoranthene	194	ug/kg	5.5	3.0	1	08/02/23 10:36	08/02/23 18:42	205-99-2	
Benzo(g,h,i)perylene	92.0	ug/kg	5.5	3.3	1	08/02/23 10:36	08/02/23 18:42	191-24-2	
Benzo(k)fluoranthene	76.5	ug/kg	5.5	2.5	1	08/02/23 10:36	08/02/23 18:42	207-08-9	
Chrysene	146	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:42	218-01-9	
Dibenz(a,h)anthracene	27.7	ug/kg	5.5	2.7	1	08/02/23 10:36	08/02/23 18:42	53-70-3	
Fluoranthene	321	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:42	206-44-0	
Fluorene	11.6	ug/kg	5.5	2.2	1	08/02/23 10:36	08/02/23 18:42	86-73-7	
Indeno(1,2,3-cd)pyrene	94.3	ug/kg	5.5	2.8	1	08/02/23 10:36	08/02/23 18:42	193-39-5	
2-Methylnaphthalene	16.7	ug/kg	5.5	5.2	1	08/02/23 10:36	08/02/23 18:42	91-57-6	
Naphthalene	17.7	ug/kg	5.5	5.1	1	08/02/23 10:36	08/02/23 18:42	91-20-3	
Phenanthrene	145	ug/kg	5.5	4.0	1	08/02/23 10:36	08/02/23 18:42	85-01-8	
Pyrene	249	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	23-115		1	08/02/23 10:36	08/02/23 18:42	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	08/02/23 10:36	08/02/23 18:42	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-144 (0-2) Lab ID: 50350243021 Collected: 07/25/23 13:09 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7830	ug/kg	1020	170	1	07/30/23 17:27	07/31/23 13:09	7440-38-2	
Barium	62300	ug/kg	1020	192	1	07/30/23 17:27	07/31/23 13:09	7440-39-3	
Chromium	17900	ug/kg	1020	973	1	07/30/23 17:27	07/31/23 13:09	7440-47-3	
Copper	17900	ug/kg	1020	244	1	07/30/23 17:27	07/31/23 13:09	7440-50-8	
Lead	9080	ug/kg	1020	474	1	07/30/23 17:27	07/31/23 13:09	7439-92-1	
Zinc	52800	ug/kg	1020	884	1	07/30/23 17:27	07/31/23 13:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	130	ug/kg	53.1	23.6	1	07/28/23 13:58	07/31/23 17:33	7440-43-9	
Selenium	1560	ug/kg	531	241	5	07/28/23 13:58	07/31/23 14:38	7782-49-2	
Silver	50.7J	ug/kg	53.1	2.4	1	07/28/23 13:58	07/31/23 17:33	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	ND	ug/kg	234	26.9	1	07/31/23 21:57	08/01/23 10:33	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/kg	5.5	2.2	1	08/02/23 10:36	08/02/23 18:57	83-32-9	
Acenaphthylene	ND	ug/kg	5.5	2.1	1	08/02/23 10:36	08/02/23 18:57	208-96-8	
Anthracene	7.0	ug/kg	5.5	2.8	1	08/02/23 10:36	08/02/23 18:57	120-12-7	
Benzo(a)anthracene	23.8	ug/kg	5.5	1.6	1	08/02/23 10:36	08/02/23 18:57	56-55-3	
Benzo(a)pyrene	23.7	ug/kg	5.5	3.3	1	08/02/23 10:36	08/02/23 18:57	50-32-8	
Benzo(b)fluoranthene	32.5	ug/kg	5.5	3.0	1	08/02/23 10:36	08/02/23 18:57	205-99-2	
Benzo(g,h,i)perylene	23.4	ug/kg	5.5	3.3	1	08/02/23 10:36	08/02/23 18:57	191-24-2	
Benzo(k)fluoranthene	11.2	ug/kg	5.5	2.5	1	08/02/23 10:36	08/02/23 18:57	207-08-9	
Chrysene	29.8	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:57	218-01-9	
Dibenz(a,h)anthracene	5.0J	ug/kg	5.5	2.7	1	08/02/23 10:36	08/02/23 18:57	53-70-3	
Fluoranthene	57.2	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:57	206-44-0	
Fluorene	ND	ug/kg	5.5	2.2	1	08/02/23 10:36	08/02/23 18:57	86-73-7	
Indeno(1,2,3-cd)pyrene	14.8	ug/kg	5.5	2.8	1	08/02/23 10:36	08/02/23 18:57	193-39-5	
2-Methylnaphthalene	15.0	ug/kg	5.5	5.2	1	08/02/23 10:36	08/02/23 18:57	91-57-6	
Naphthalene	52.8	ug/kg	5.5	5.1	1	08/02/23 10:36	08/02/23 18:57	91-20-3	
Phenanthrene	54.8	ug/kg	5.5	4.0	1	08/02/23 10:36	08/02/23 18:57	85-01-8	
Pyrene	39.2	ug/kg	5.5	3.8	1	08/02/23 10:36	08/02/23 18:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		1	08/02/23 10:36	08/02/23 18:57	321-60-8	
p-Terphenyl-d14 (S)	83	%	19-136		1	08/02/23 10:36	08/02/23 18:57	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	10	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-145 (0-2) Lab ID: 50350243022 Collected: 07/25/23 13:16 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7860	ug/kg	1140	189	1	07/30/23 17:27	07/31/23 13:25	7440-38-2	
Barium	181000	ug/kg	1140	214	1	07/30/23 17:27	07/31/23 13:25	7440-39-3	
Chromium	20500	ug/kg	1140	1080	1	07/30/23 17:27	07/31/23 13:25	7440-47-3	
Copper	107000	ug/kg	1140	271	1	07/30/23 17:27	07/31/23 13:25	7440-50-8	
Lead	319000	ug/kg	1140	528	1	07/30/23 17:27	07/31/23 13:25	7439-92-1	
Zinc	234000	ug/kg	1140	985	1	07/30/23 17:27	07/31/23 13:25	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	3230	ug/kg	57.4	25.5	1	07/28/23 13:58	07/31/23 17:36	7440-43-9	
Selenium	1480	ug/kg	574	260	5	07/28/23 13:58	07/31/23 14:41	7782-49-2	
Silver	98.7	ug/kg	57.4	2.6	1	07/28/23 13:58	07/31/23 17:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	315	ug/kg	229	26.3	1	07/31/23 21:57	08/01/23 10:40	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	86.1	ug/kg	57.4	23.1	10	08/02/23 10:36	08/02/23 19:11	83-32-9	
Acenaphthylene	80.1	ug/kg	57.4	21.6	10	08/02/23 10:36	08/02/23 19:11	208-96-8	
Anthracene	265	ug/kg	57.4	28.8	10	08/02/23 10:36	08/02/23 19:11	120-12-7	
Benzo(a)anthracene	896	ug/kg	57.4	16.3	10	08/02/23 10:36	08/02/23 19:11	56-55-3	
Benzo(a)pyrene	901	ug/kg	57.4	34.2	10	08/02/23 10:36	08/02/23 19:11	50-32-8	
Benzo(b)fluoranthene	1070	ug/kg	57.4	31.6	10	08/02/23 10:36	08/02/23 19:11	205-99-2	
Benzo(g,h,i)perylene	522	ug/kg	57.4	34.0	10	08/02/23 10:36	08/02/23 19:11	191-24-2	
Benzo(k)fluoranthene	425	ug/kg	57.4	26.5	10	08/02/23 10:36	08/02/23 19:11	207-08-9	
Chrysene	851	ug/kg	57.4	39.4	10	08/02/23 10:36	08/02/23 19:11	218-01-9	
Dibenz(a,h)anthracene	157	ug/kg	57.4	28.2	10	08/02/23 10:36	08/02/23 19:11	53-70-3	
Fluoranthene	1940	ug/kg	57.4	40.0	10	08/02/23 10:36	08/02/23 19:11	206-44-0	
Fluorene	92.9	ug/kg	57.4	22.7	10	08/02/23 10:36	08/02/23 19:11	86-73-7	
Indeno(1,2,3-cd)pyrene	525	ug/kg	57.4	29.2	10	08/02/23 10:36	08/02/23 19:11	193-39-5	
2-Methylnaphthalene	80.3	ug/kg	57.4	54.0	10	08/02/23 10:36	08/02/23 19:11	91-57-6	
Naphthalene	75.7	ug/kg	57.4	52.8	10	08/02/23 10:36	08/02/23 19:11	91-20-3	ED
Phenanthrene	1080	ug/kg	57.4	41.3	10	08/02/23 10:36	08/02/23 19:11	85-01-8	
Pyrene	1480	ug/kg	57.4	39.4	10	08/02/23 10:36	08/02/23 19:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		10	08/02/23 10:36	08/02/23 19:11	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		10	08/02/23 10:36	08/02/23 19:11	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.2	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-146 (0-2) Lab ID: 50350243023 Collected: 07/25/23 13:13 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	11300	ug/kg	1170	194	1	07/30/23 17:27	07/31/23 13:27	7440-38-2	
Barium	555000	ug/kg	1170	219	1	07/30/23 17:27	07/31/23 13:27	7440-39-3	
Chromium	27500	ug/kg	1170	1110	1	07/30/23 17:27	07/31/23 13:27	7440-47-3	
Copper	151000	ug/kg	1170	278	1	07/30/23 17:27	07/31/23 13:27	7440-50-8	
Lead	1770000	ug/kg	1170	541	1	07/30/23 17:27	07/31/23 13:27	7439-92-1	
Zinc	616000	ug/kg	1170	1010	1	07/30/23 17:27	07/31/23 13:27	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	7310	ug/kg	56.8	25.2	1	07/28/23 13:58	07/31/23 17:43	7440-43-9	
Selenium	1320	ug/kg	568	258	5	07/28/23 13:58	07/31/23 14:44	7782-49-2	
Silver	181	ug/kg	56.8	2.6	1	07/28/23 13:58	07/31/23 17:43	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	356	ug/kg	251	28.9	1	07/31/23 21:57	08/01/23 10:48	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1000	ug/kg	57.1	22.9	10	08/02/23 10:36	08/02/23 19:25	83-32-9	
Acenaphthylene	75.5	ug/kg	57.1	21.5	10	08/02/23 10:36	08/02/23 19:25	208-96-8	
Anthracene	1890	ug/kg	57.1	28.6	10	08/02/23 10:36	08/02/23 19:25	120-12-7	
Benzo(a)anthracene	3250	ug/kg	57.1	16.2	10	08/02/23 10:36	08/02/23 19:25	56-55-3	
Benzo(a)pyrene	3060	ug/kg	57.1	34.0	10	08/02/23 10:36	08/02/23 19:25	50-32-8	
Benzo(b)fluoranthene	3850	ug/kg	57.1	31.4	10	08/02/23 10:36	08/02/23 19:25	205-99-2	
Benzo(g,h,i)perylene	1750	ug/kg	57.1	33.9	10	08/02/23 10:36	08/02/23 19:25	191-24-2	
Benzo(k)fluoranthene	1450	ug/kg	57.1	26.4	10	08/02/23 10:36	08/02/23 19:25	207-08-9	
Chrysene	2960	ug/kg	57.1	39.2	10	08/02/23 10:36	08/02/23 19:25	218-01-9	
Dibenz(a,h)anthracene	524	ug/kg	57.1	28.1	10	08/02/23 10:36	08/02/23 19:25	53-70-3	
Fluoranthene	8240	ug/kg	57.1	39.8	10	08/02/23 10:36	08/02/23 19:25	206-44-0	
Fluorene	1070	ug/kg	57.1	22.6	10	08/02/23 10:36	08/02/23 19:25	86-73-7	
Indeno(1,2,3-cd)pyrene	1820	ug/kg	57.1	29.1	10	08/02/23 10:36	08/02/23 19:25	193-39-5	
2-Methylnaphthalene	407	ug/kg	57.1	53.7	10	08/02/23 10:36	08/02/23 19:25	91-57-6	
Naphthalene	821	ug/kg	57.1	52.5	10	08/02/23 10:36	08/02/23 19:25	91-20-3	ED
Phenanthrene	7210	ug/kg	57.1	41.1	10	08/02/23 10:36	08/02/23 19:25	85-01-8	
Pyrene	5580	ug/kg	57.1	39.2	10	08/02/23 10:36	08/02/23 19:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		10	08/02/23 10:36	08/02/23 19:25	321-60-8	
p-Terphenyl-d14 (S)	82	%	19-136		10	08/02/23 10:36	08/02/23 19:25	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.3	%	0.10	0.10	1		08/01/23 14:58		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-147 (0-2) Lab ID: 50350243024 Collected: 07/25/23 13:19 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7890	ug/kg	1110	184	1	07/30/23 17:27	07/31/23 13:29	7440-38-2	
Barium	155000	ug/kg	1110	208	1	07/30/23 17:27	07/31/23 13:29	7440-39-3	
Chromium	19000	ug/kg	1110	1050	1	07/30/23 17:27	07/31/23 13:29	7440-47-3	
Copper	51200	ug/kg	1110	263	1	07/30/23 17:27	07/31/23 13:29	7440-50-8	
Lead	129000	ug/kg	1110	512	1	07/30/23 17:27	07/31/23 13:29	7439-92-1	
Zinc	162000	ug/kg	1110	955	1	07/30/23 17:27	07/31/23 13:29	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	8530	ug/kg	56.2	24.9	1	07/28/23 13:58	07/31/23 17:46	7440-43-9	
Selenium	1650	ug/kg	562	255	5	07/28/23 13:58	07/31/23 14:54	7782-49-2	
Silver	109	ug/kg	56.2	2.6	1	07/28/23 13:58	07/31/23 17:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	594	ug/kg	243	27.9	1	07/31/23 21:57	08/01/23 10:50	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	84.5	ug/kg	56.4	22.7	10	08/02/23 10:36	08/02/23 19:40	83-32-9	
Acenaphthylene	55.0J	ug/kg	56.4	21.2	10	08/02/23 10:36	08/02/23 19:40	208-96-8	
Anthracene	240	ug/kg	56.4	28.3	10	08/02/23 10:36	08/02/23 19:40	120-12-7	
Benzo(a)anthracene	727	ug/kg	56.4	16.0	10	08/02/23 10:36	08/02/23 19:40	56-55-3	
Benzo(a)pyrene	723	ug/kg	56.4	33.6	10	08/02/23 10:36	08/02/23 19:40	50-32-8	
Benzo(b)fluoranthene	885	ug/kg	56.4	31.1	10	08/02/23 10:36	08/02/23 19:40	205-99-2	
Benzo(g,h,i)perylene	421	ug/kg	56.4	33.5	10	08/02/23 10:36	08/02/23 19:40	191-24-2	
Benzo(k)fluoranthene	334	ug/kg	56.4	26.1	10	08/02/23 10:36	08/02/23 19:40	207-08-9	
Chrysene	685	ug/kg	56.4	38.8	10	08/02/23 10:36	08/02/23 19:40	218-01-9	
Dibenz(a,h)anthracene	126	ug/kg	56.4	27.7	10	08/02/23 10:36	08/02/23 19:40	53-70-3	
Fluoranthene	1470	ug/kg	56.4	39.3	10	08/02/23 10:36	08/02/23 19:40	206-44-0	
Fluorene	90.9	ug/kg	56.4	22.3	10	08/02/23 10:36	08/02/23 19:40	86-73-7	
Indeno(1,2,3-cd)pyrene	428	ug/kg	56.4	28.7	10	08/02/23 10:36	08/02/23 19:40	193-39-5	
2-Methylnaphthalene	72.3	ug/kg	56.4	53.0	10	08/02/23 10:36	08/02/23 19:40	91-57-6	
Naphthalene	77.7	ug/kg	56.4	51.9	10	08/02/23 10:36	08/02/23 19:40	91-20-3	ED
Phenanthrene	931	ug/kg	56.4	40.6	10	08/02/23 10:36	08/02/23 19:40	85-01-8	
Pyrene	1180	ug/kg	56.4	38.7	10	08/02/23 10:36	08/02/23 19:40	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		10	08/02/23 10:36	08/02/23 19:40	321-60-8	
p-Terphenyl-d14 (S)	88	%	19-136		10	08/02/23 10:36	08/02/23 19:40	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.9	%	0.10	0.10	1		08/01/23 14:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-148 (0-2) Lab ID: 50350243025 Collected: 07/25/23 13:24 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7570	ug/kg	984	163	1	07/30/23 17:27	07/31/23 13:31	7440-38-2	
Barium	187000	ug/kg	984	185	1	07/30/23 17:27	07/31/23 13:31	7440-39-3	
Chromium	24200	ug/kg	984	935	1	07/30/23 17:27	07/31/23 13:31	7440-47-3	
Copper	89000	ug/kg	984	234	1	07/30/23 17:27	07/31/23 13:31	7440-50-8	
Lead	140000	ug/kg	984	456	1	07/30/23 17:27	07/31/23 13:31	7439-92-1	
Zinc	164000	ug/kg	984	850	1	07/30/23 17:27	07/31/23 13:31	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	2400	ug/kg	53.0	23.5	1	07/28/23 13:58	07/31/23 17:56	7440-43-9	
Selenium	1530	ug/kg	530	241	5	07/28/23 13:58	07/31/23 14:57	7782-49-2	
Silver	67.7	ug/kg	53.0	2.4	1	07/28/23 13:58	07/31/23 17:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	342	ug/kg	225	25.9	1	07/31/23 21:57	08/01/23 10:53	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	45.5J	ug/kg	55.6	22.3	10	08/02/23 10:36	08/02/23 19:54	83-32-9	
Acenaphthylene	ND	ug/kg	55.6	20.9	10	08/02/23 10:36	08/02/23 19:54	208-96-8	
Anthracene	167	ug/kg	55.6	27.8	10	08/02/23 10:36	08/02/23 19:54	120-12-7	
Benzo(a)anthracene	569	ug/kg	55.6	15.8	10	08/02/23 10:36	08/02/23 19:54	56-55-3	
Benzo(a)pyrene	600	ug/kg	55.6	33.1	10	08/02/23 10:36	08/02/23 19:54	50-32-8	
Benzo(b)fluoranthene	722	ug/kg	55.6	30.6	10	08/02/23 10:36	08/02/23 19:54	205-99-2	
Benzo(g,h,i)perylene	352	ug/kg	55.6	33.0	10	08/02/23 10:36	08/02/23 19:54	191-24-2	
Benzo(k)fluoranthene	270	ug/kg	55.6	25.7	10	08/02/23 10:36	08/02/23 19:54	207-08-9	
Chrysene	533	ug/kg	55.6	38.2	10	08/02/23 10:36	08/02/23 19:54	218-01-9	
Dibenz(a,h)anthracene	100	ug/kg	55.6	27.3	10	08/02/23 10:36	08/02/23 19:54	53-70-3	
Fluoranthene	1270	ug/kg	55.6	38.7	10	08/02/23 10:36	08/02/23 19:54	206-44-0	
Fluorene	41.1J	ug/kg	55.6	22.0	10	08/02/23 10:36	08/02/23 19:54	86-73-7	
Indeno(1,2,3-cd)pyrene	358	ug/kg	55.6	28.3	10	08/02/23 10:36	08/02/23 19:54	193-39-5	
2-Methylnaphthalene	ND	ug/kg	55.6	52.3	10	08/02/23 10:36	08/02/23 19:54	91-57-6	
Naphthalene	ND	ug/kg	55.6	51.2	10	08/02/23 10:36	08/02/23 19:54	91-20-3	ED
Phenanthrene	586	ug/kg	55.6	40.0	10	08/02/23 10:36	08/02/23 19:54	85-01-8	
Pyrene	928	ug/kg	55.6	38.2	10	08/02/23 10:36	08/02/23 19:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	87	%	23-115		10	08/02/23 10:36	08/02/23 19:54	321-60-8	
p-Terphenyl-d14 (S)	90	%	19-136		10	08/02/23 10:36	08/02/23 19:54	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.0	%	0.10	0.10	1		08/01/23 14:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-149 (0-2) Lab ID: 50350243026 Collected: 07/25/23 13:30 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7500	ug/kg	1110	184	1	07/30/23 17:27	07/31/23 13:34	7440-38-2	
Barium	166000	ug/kg	1110	208	1	07/30/23 17:27	07/31/23 13:34	7440-39-3	
Chromium	18700	ug/kg	1110	1050	1	07/30/23 17:27	07/31/23 13:34	7440-47-3	
Copper	91300	ug/kg	1110	264	1	07/30/23 17:27	07/31/23 13:34	7440-50-8	
Lead	140000	ug/kg	1110	513	1	07/30/23 17:27	07/31/23 13:34	7439-92-1	
Zinc	189000	ug/kg	1110	957	1	07/30/23 17:27	07/31/23 13:34	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	5310	ug/kg	54.7	24.3	1	07/28/23 13:58	07/31/23 17:59	7440-43-9	
Selenium	1740	ug/kg	547	248	5	07/28/23 13:58	07/31/23 15:01	7782-49-2	
Silver	88.9	ug/kg	54.7	2.5	1	07/28/23 13:58	07/31/23 17:59	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	207J	ug/kg	216	24.8	1	07/31/23 21:57	08/01/23 10:55	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	110	ug/kg	54.2	21.8	10	07/31/23 11:26	08/01/23 09:21	83-32-9	
Acenaphthylene	38.9J	ug/kg	54.2	20.4	10	07/31/23 11:26	08/01/23 09:21	208-96-8	
Anthracene	243	ug/kg	54.2	27.2	10	07/31/23 11:26	08/01/23 09:21	120-12-7	
Benzo(a)anthracene	589	ug/kg	54.2	15.4	10	07/31/23 11:26	08/01/23 09:21	56-55-3	
Benzo(a)pyrene	597	ug/kg	54.2	32.3	10	07/31/23 11:26	08/01/23 09:21	50-32-8	
Benzo(b)fluoranthene	733	ug/kg	54.2	29.9	10	07/31/23 11:26	08/01/23 09:21	205-99-2	
Benzo(g,h,i)perylene	371	ug/kg	54.2	32.2	10	07/31/23 11:26	08/01/23 09:21	191-24-2	
Benzo(k)fluoranthene	279	ug/kg	54.2	25.1	10	07/31/23 11:26	08/01/23 09:21	207-08-9	
Chrysene	559	ug/kg	54.2	37.3	10	07/31/23 11:26	08/01/23 09:21	218-01-9	
Dibenz(a,h)anthracene	115	ug/kg	54.2	26.7	10	07/31/23 11:26	08/01/23 09:21	53-70-3	
Fluoranthene	1360	ug/kg	54.2	37.8	10	07/31/23 11:26	08/01/23 09:21	206-44-0	
Fluorene	159	ug/kg	54.2	21.4	10	07/31/23 11:26	08/01/23 09:21	86-73-7	
Indeno(1,2,3-cd)pyrene	373	ug/kg	54.2	27.6	10	07/31/23 11:26	08/01/23 09:21	193-39-5	
2-Methylnaphthalene	109	ug/kg	54.2	51.0	10	07/31/23 11:26	08/01/23 09:21	91-57-6	
Naphthalene	186	ug/kg	54.2	49.9	10	07/31/23 11:26	08/01/23 09:21	91-20-3	ED
Phenanthrene	961	ug/kg	54.2	39.0	10	07/31/23 11:26	08/01/23 09:21	85-01-8	
Pyrene	940	ug/kg	54.2	37.2	10	07/31/23 11:26	08/01/23 09:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		10	07/31/23 11:26	08/01/23 09:21	321-60-8	
p-Terphenyl-d14 (S)	82	%	19-136		10	07/31/23 11:26	08/01/23 09:21	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.9	%	0.10	0.10	1		08/01/23 14:59		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-150 (0-2) Lab ID: 50350243027 Collected: 07/25/23 13:36 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7770	ug/kg	1150	191	1	07/30/23 17:27	07/31/23 13:36	7440-38-2	
Barium	403000	ug/kg	1150	217	1	07/30/23 17:27	07/31/23 13:36	7440-39-3	
Chromium	22200	ug/kg	1150	1090	1	07/30/23 17:27	07/31/23 13:36	7440-47-3	
Copper	84200	ug/kg	1150	274	1	07/30/23 17:27	07/31/23 13:36	7440-50-8	
Lead	250000	ug/kg	1150	533	1	07/30/23 17:27	07/31/23 13:36	7439-92-1	
Zinc	246000	ug/kg	1150	996	1	07/30/23 17:27	07/31/23 13:36	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	380	ug/kg	58.6	26.0	1	07/28/23 13:58	07/31/23 18:06	7440-43-9	
Selenium	1580	ug/kg	586	266	5	07/28/23 13:58	07/31/23 15:04	7782-49-2	
Silver	57.7J	ug/kg	58.6	2.7	1	07/28/23 13:58	07/31/23 18:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	179J	ug/kg	250	28.7	1	07/31/23 21:57	08/01/23 10:57	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	85.7	ug/kg	58.6	23.5	10	07/31/23 11:26	08/01/23 09:36	83-32-9	
Acenaphthylene	54.8J	ug/kg	58.6	22.0	10	07/31/23 11:26	08/01/23 09:36	208-96-8	
Anthracene	340	ug/kg	58.6	29.3	10	07/31/23 11:26	08/01/23 09:36	120-12-7	
Benzo(a)anthracene	789	ug/kg	58.6	16.6	10	07/31/23 11:26	08/01/23 09:36	56-55-3	
Benzo(a)pyrene	776	ug/kg	58.6	34.9	10	07/31/23 11:26	08/01/23 09:36	50-32-8	
Benzo(b)fluoranthene	917	ug/kg	58.6	32.2	10	07/31/23 11:26	08/01/23 09:36	205-99-2	
Benzo(g,h,i)perylene	444	ug/kg	58.6	34.7	10	07/31/23 11:26	08/01/23 09:36	191-24-2	
Benzo(k)fluoranthene	355	ug/kg	58.6	27.1	10	07/31/23 11:26	08/01/23 09:36	207-08-9	
Chrysene	749	ug/kg	58.6	40.2	10	07/31/23 11:26	08/01/23 09:36	218-01-9	
Dibenz(a,h)anthracene	140	ug/kg	58.6	28.8	10	07/31/23 11:26	08/01/23 09:36	53-70-3	
Fluoranthene	1900	ug/kg	58.6	40.8	10	07/31/23 11:26	08/01/23 09:36	206-44-0	
Fluorene	92.5	ug/kg	58.6	23.1	10	07/31/23 11:26	08/01/23 09:36	86-73-7	
Indeno(1,2,3-cd)pyrene	448	ug/kg	58.6	29.8	10	07/31/23 11:26	08/01/23 09:36	193-39-5	
2-Methylnaphthalene	95.3	ug/kg	58.6	55.1	10	07/31/23 11:26	08/01/23 09:36	91-57-6	
Naphthalene	88.2	ug/kg	58.6	53.9	10	07/31/23 11:26	08/01/23 09:36	91-20-3	ED
Phenanthrene	1340	ug/kg	58.6	42.2	10	07/31/23 11:26	08/01/23 09:36	85-01-8	
Pyrene	1380	ug/kg	58.6	40.2	10	07/31/23 11:26	08/01/23 09:36	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		10	07/31/23 11:26	08/01/23 09:36	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-136		10	07/31/23 11:26	08/01/23 09:36	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.3	%	0.10	0.10	1		08/01/23 14:59		N2

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**ANALYTICAL RESULTS**

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-151 (0-2) **Lab ID: 50350243028** Collected: 07/25/23 13:53 Received: 07/27/23 09:15 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10800	ug/kg	1050	174	1	07/30/23 17:27	07/31/23 13:38	7440-38-2	
Barium	88500	ug/kg	1050	197	1	07/30/23 17:27	07/31/23 13:38	7440-39-3	
Chromium	21000	ug/kg	1050	995	1	07/30/23 17:27	07/31/23 13:38	7440-47-3	
Copper	23700	ug/kg	1050	249	1	07/30/23 17:27	07/31/23 13:38	7440-50-8	
Lead	24500	ug/kg	1050	485	1	07/30/23 17:27	07/31/23 13:38	7439-92-1	
Zinc	60500	ug/kg	1050	905	1	07/30/23 17:27	07/31/23 13:38	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	629	ug/kg	54.3	24.1	1	07/28/23 13:58	07/31/23 18:09	7440-43-9	
Selenium	1530	ug/kg	543	246	5	07/28/23 13:58	07/31/23 15:14	7782-49-2	
Silver	66.4	ug/kg	54.3	2.5	1	07/28/23 13:58	07/31/23 18:09	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	132J	ug/kg	229	26.3	1	07/31/23 21:57	08/01/23 11:00	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	8.8	ug/kg	5.5	2.2	1	07/31/23 11:26	08/01/23 09:50	83-32-9	
Acenaphthylene	8.0	ug/kg	5.5	2.1	1	07/31/23 11:26	08/01/23 09:50	208-96-8	
Anthracene	23.1	ug/kg	5.5	2.7	1	07/31/23 11:26	08/01/23 09:50	120-12-7	
Benzo(a)anthracene	52.7	ug/kg	5.5	1.6	1	07/31/23 11:26	08/01/23 09:50	56-55-3	
Benzo(a)pyrene	54.8	ug/kg	5.5	3.3	1	07/31/23 11:26	08/01/23 09:50	50-32-8	
Benzo(b)fluoranthene	67.1	ug/kg	5.5	3.0	1	07/31/23 11:26	08/01/23 09:50	205-99-2	
Benzo(g,h,i)perylene	33.2	ug/kg	5.5	3.2	1	07/31/23 11:26	08/01/23 09:50	191-24-2	
Benzo(k)fluoranthene	25.8	ug/kg	5.5	2.5	1	07/31/23 11:26	08/01/23 09:50	207-08-9	
Chrysene	52.3	ug/kg	5.5	3.8	1	07/31/23 11:26	08/01/23 09:50	218-01-9	
Dibenz(a,h)anthracene	9.1	ug/kg	5.5	2.7	1	07/31/23 11:26	08/01/23 09:50	53-70-3	
Fluoranthene	130	ug/kg	5.5	3.8	1	07/31/23 11:26	08/01/23 09:50	206-44-0	
Fluorene	9.7	ug/kg	5.5	2.2	1	07/31/23 11:26	08/01/23 09:50	86-73-7	
Indeno(1,2,3-cd)pyrene	32.4	ug/kg	5.5	2.8	1	07/31/23 11:26	08/01/23 09:50	193-39-5	
2-Methylnaphthalene	5.7	ug/kg	5.5	5.1	1	07/31/23 11:26	08/01/23 09:50	91-57-6	
Naphthalene	5.1J	ug/kg	5.5	5.0	1	07/31/23 11:26	08/01/23 09:50	91-20-3	
Phenanthrene	82.7	ug/kg	5.5	3.9	1	07/31/23 11:26	08/01/23 09:50	85-01-8	
Pyrene	92.7	ug/kg	5.5	3.8	1	07/31/23 11:26	08/01/23 09:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		1	07/31/23 11:26	08/01/23 09:50	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-136		1	07/31/23 11:26	08/01/23 09:50	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.6	%	0.10	0.10	1		08/01/23 15:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-152 (0-2) Lab ID: 50350243029 Collected: 07/25/23 13:58 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6590	ug/kg	979	163	1	07/30/23 17:27	07/31/23 13:40	7440-38-2	
Barium	91400	ug/kg	979	184	1	07/30/23 17:27	07/31/23 13:40	7440-39-3	
Chromium	13900	ug/kg	979	930	1	07/30/23 17:27	07/31/23 13:40	7440-47-3	
Copper	20500	ug/kg	979	233	1	07/30/23 17:27	07/31/23 13:40	7440-50-8	
Lead	123000	ug/kg	979	453	1	07/30/23 17:27	07/31/23 13:40	7439-92-1	
Zinc	96900	ug/kg	979	846	1	07/30/23 17:27	07/31/23 13:40	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	407	ug/kg	56.0	24.9	1	07/28/23 13:58	07/31/23 18:19	7440-43-9	
Selenium	1140	ug/kg	560	254	5	07/28/23 13:58	07/31/23 15:17	7782-49-2	
Silver	66.8	ug/kg	56.0	2.5	1	07/28/23 13:58	07/31/23 18:19	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	167J	ug/kg	233	26.8	1	07/31/23 21:57	08/01/23 11:02	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	28.3	ug/kg	5.8	2.3	1	07/31/23 11:26	08/01/23 10:05	83-32-9	
Acenaphthylene	24.6	ug/kg	5.8	2.2	1	07/31/23 11:26	08/01/23 10:05	208-96-8	
Anthracene	92.2	ug/kg	5.8	2.9	1	07/31/23 11:26	08/01/23 10:05	120-12-7	
Benzo(a)anthracene	275	ug/kg	5.8	1.6	1	07/31/23 11:26	08/01/23 10:05	56-55-3	
Benzo(a)pyrene	270	ug/kg	5.8	3.4	1	07/31/23 11:26	08/01/23 10:05	50-32-8	
Benzo(b)fluoranthene	350	ug/kg	5.8	3.2	1	07/31/23 11:26	08/01/23 10:05	205-99-2	
Benzo(g,h,i)perylene	146	ug/kg	5.8	3.4	1	07/31/23 11:26	08/01/23 10:05	191-24-2	
Benzo(k)fluoranthene	110	ug/kg	5.8	2.7	1	07/31/23 11:26	08/01/23 10:05	207-08-9	
Chrysene	245	ug/kg	5.8	4.0	1	07/31/23 11:26	08/01/23 10:05	218-01-9	
Dibenz(a,h)anthracene	47.3	ug/kg	5.8	2.8	1	07/31/23 11:26	08/01/23 10:05	53-70-3	
Fluoranthene	580	ug/kg	5.8	4.0	1	07/31/23 11:26	08/01/23 10:05	206-44-0	
Fluorene	34.6	ug/kg	5.8	2.3	1	07/31/23 11:26	08/01/23 10:05	86-73-7	
Indeno(1,2,3-cd)pyrene	153	ug/kg	5.8	2.9	1	07/31/23 11:26	08/01/23 10:05	193-39-5	
2-Methylnaphthalene	21.7	ug/kg	5.8	5.4	1	07/31/23 11:26	08/01/23 10:05	91-57-6	
Naphthalene	20.3	ug/kg	5.8	5.3	1	07/31/23 11:26	08/01/23 10:05	91-20-3	
Phenanthrene	326	ug/kg	5.8	4.1	1	07/31/23 11:26	08/01/23 10:05	85-01-8	
Pyrene	430	ug/kg	5.8	4.0	1	07/31/23 11:26	08/01/23 10:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	23-115		1	07/31/23 11:26	08/01/23 10:05	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136		1	07/31/23 11:26	08/01/23 10:05	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.9	%	0.10	0.10	1		08/01/23 15:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-153 (0-2) Lab ID: 50350243030 Collected: 07/25/23 14:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	6380	ug/kg	985	163	1	07/30/23 17:27	07/31/23 13:42	7440-38-2	
Barium	169000	ug/kg	985	185	1	07/30/23 17:27	07/31/23 13:42	7440-39-3	
Chromium	15500	ug/kg	985	936	1	07/30/23 17:27	07/31/23 13:42	7440-47-3	
Copper	29100	ug/kg	985	234	1	07/30/23 17:27	07/31/23 13:42	7440-50-8	
Lead	261000	ug/kg	985	456	1	07/30/23 17:27	07/31/23 13:42	7439-92-1	
Zinc	266000	ug/kg	985	851	1	07/30/23 17:27	07/31/23 13:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	712	ug/kg	55.3	24.5	1	07/28/23 13:58	07/31/23 18:22	7440-43-9	
Selenium	1310	ug/kg	553	251	5	07/28/23 13:58	07/31/23 15:20	7782-49-2	
Silver	92.9	ug/kg	55.3	2.5	1	07/28/23 13:58	07/31/23 18:22	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	238	ug/kg	238	27.3	1	07/31/23 21:57	08/01/23 11:05	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	18.6	ug/kg	5.7	2.3	1	07/31/23 11:26	08/01/23 10:19	83-32-9	
Acenaphthylene	19.6	ug/kg	5.7	2.1	1	07/31/23 11:26	08/01/23 10:19	208-96-8	
Anthracene	63.4	ug/kg	5.7	2.9	1	07/31/23 11:26	08/01/23 10:19	120-12-7	
Benzo(a)anthracene	224	ug/kg	5.7	1.6	1	07/31/23 11:26	08/01/23 10:19	56-55-3	
Benzo(a)pyrene	241	ug/kg	5.7	3.4	1	07/31/23 11:26	08/01/23 10:19	50-32-8	
Benzo(b)fluoranthene	316	ug/kg	5.7	3.1	1	07/31/23 11:26	08/01/23 10:19	205-99-2	
Benzo(g,h,i)perylene	148	ug/kg	5.7	3.4	1	07/31/23 11:26	08/01/23 10:19	191-24-2	
Benzo(k)fluoranthene	99.2	ug/kg	5.7	2.6	1	07/31/23 11:26	08/01/23 10:19	207-08-9	
Chrysene	213	ug/kg	5.7	3.9	1	07/31/23 11:26	08/01/23 10:19	218-01-9	
Dibenz(a,h)anthracene	43.8	ug/kg	5.7	2.8	1	07/31/23 11:26	08/01/23 10:19	53-70-3	
Fluoranthene	474	ug/kg	5.7	4.0	1	07/31/23 11:26	08/01/23 10:19	206-44-0	
Fluorene	23.9	ug/kg	5.7	2.3	1	07/31/23 11:26	08/01/23 10:19	86-73-7	
Indeno(1,2,3-cd)pyrene	146	ug/kg	5.7	2.9	1	07/31/23 11:26	08/01/23 10:19	193-39-5	
2-Methylnaphthalene	35.9	ug/kg	5.7	5.4	1	07/31/23 11:26	08/01/23 10:19	91-57-6	
Naphthalene	28.0	ug/kg	5.7	5.3	1	07/31/23 11:26	08/01/23 10:19	91-20-3	
Phenanthrene	254	ug/kg	5.7	4.1	1	07/31/23 11:26	08/01/23 10:19	85-01-8	
Pyrene	365	ug/kg	5.7	3.9	1	07/31/23 11:26	08/01/23 10:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	23-115		1	07/31/23 11:26	08/01/23 10:19	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-136		1	07/31/23 11:26	08/01/23 10:19	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.7	%	0.10	0.10	1		08/01/23 15:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-154 (0-2) Lab ID: 50350243031 Collected: 07/25/23 14:34 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7310	ug/kg	1130	187	1	07/30/23 17:27	07/31/23 13:45	7440-38-2	
Barium	84100	ug/kg	1130	212	1	07/30/23 17:27	07/31/23 13:45	7440-39-3	
Chromium	18300	ug/kg	1130	1070	1	07/30/23 17:27	07/31/23 13:45	7440-47-3	
Copper	32500	ug/kg	1130	269	1	07/30/23 17:27	07/31/23 13:45	7440-50-8	
Lead	474000	ug/kg	1130	523	1	07/30/23 17:27	07/31/23 13:45	7439-92-1	
Zinc	510000	ug/kg	1130	975	1	07/30/23 17:27	07/31/23 13:45	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1130	ug/kg	55.0	24.4	1	07/28/23 13:58	07/31/23 18:48	7440-43-9	
Selenium	943	ug/kg	550	250	5	07/28/23 13:58	07/31/23 15:44	7782-49-2	
Silver	70.8	ug/kg	55.0	2.5	1	07/28/23 13:58	07/31/23 18:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	246	ug/kg	242	27.8	1	07/31/23 21:57	08/01/23 11:07	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	20.0	ug/kg	5.7	2.3	1	07/31/23 11:26	08/01/23 10:33	83-32-9	
Acenaphthylene	19.4	ug/kg	5.7	2.1	1	07/31/23 11:26	08/01/23 10:33	208-96-8	
Anthracene	73.5	ug/kg	5.7	2.9	1	07/31/23 11:26	08/01/23 10:33	120-12-7	
Benzo(a)anthracene	252	ug/kg	5.7	1.6	1	07/31/23 11:26	08/01/23 10:33	56-55-3	
Benzo(a)pyrene	269	ug/kg	5.7	3.4	1	07/31/23 11:26	08/01/23 10:33	50-32-8	
Benzo(b)fluoranthene	340	ug/kg	5.7	3.1	1	07/31/23 11:26	08/01/23 10:33	205-99-2	
Benzo(g,h,i)perylene	168	ug/kg	5.7	3.4	1	07/31/23 11:26	08/01/23 10:33	191-24-2	
Benzo(k)fluoranthene	114	ug/kg	5.7	2.6	1	07/31/23 11:26	08/01/23 10:33	207-08-9	
Chrysene	239	ug/kg	5.7	3.9	1	07/31/23 11:26	08/01/23 10:33	218-01-9	
Dibenz(a,h)anthracene	48.7	ug/kg	5.7	2.8	1	07/31/23 11:26	08/01/23 10:33	53-70-3	
Fluoranthene	534	ug/kg	5.7	4.0	1	07/31/23 11:26	08/01/23 10:33	206-44-0	
Fluorene	27.8	ug/kg	5.7	2.3	1	07/31/23 11:26	08/01/23 10:33	86-73-7	
Indeno(1,2,3-cd)pyrene	165	ug/kg	5.7	2.9	1	07/31/23 11:26	08/01/23 10:33	193-39-5	
2-Methylnaphthalene	40.3	ug/kg	5.7	5.4	1	07/31/23 11:26	08/01/23 10:33	91-57-6	
Naphthalene	34.4	ug/kg	5.7	5.2	1	07/31/23 11:26	08/01/23 10:33	91-20-3	
Phenanthrene	265	ug/kg	5.7	4.1	1	07/31/23 11:26	08/01/23 10:33	85-01-8	
Pyrene	427	ug/kg	5.7	3.9	1	07/31/23 11:26	08/01/23 10:33	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	23-115		1	07/31/23 11:26	08/01/23 10:33	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-136		1	07/31/23 11:26	08/01/23 10:33	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.3	%	0.10	0.10	1		08/01/23 15:16		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-155 (0-2) **Lab ID: 50350243032** Collected: 07/25/23 14:37 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8030	ug/kg	990	164	1	07/30/23 17:27	07/31/23 13:51	7440-38-2	
Barium	68800	ug/kg	990	186	1	07/30/23 17:27	07/31/23 13:51	7440-39-3	
Chromium	12000	ug/kg	990	940	1	07/30/23 17:27	07/31/23 13:51	7440-47-3	
Copper	24000	ug/kg	990	236	1	07/30/23 17:27	07/31/23 13:51	7440-50-8	
Lead	65200	ug/kg	990	458	1	07/30/23 17:27	07/31/23 13:51	7439-92-1	
Zinc	101000	ug/kg	990	855	1	07/30/23 17:27	07/31/23 13:51	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	549	ug/kg	52.1	23.1	1	07/28/23 13:58	07/31/23 18:55	7440-43-9	
Selenium	1140	ug/kg	521	237	5	07/28/23 13:58	07/31/23 15:47	7782-49-2	
Silver	72.7	ug/kg	52.1	2.4	1	07/28/23 13:58	07/31/23 18:55	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	234	ug/kg	227	26.1	1	07/31/23 21:57	08/01/23 11:10	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	25.7	ug/kg	25.7	10.3	5	07/31/23 11:26	08/01/23 10:48	83-32-9	
Acenaphthylene	20.9J	ug/kg	25.7	9.7	5	07/31/23 11:26	08/01/23 10:48	208-96-8	
Anthracene	132	ug/kg	25.7	12.8	5	07/31/23 11:26	08/01/23 10:48	120-12-7	
Benzo(a)anthracene	354	ug/kg	25.7	7.3	5	07/31/23 11:26	08/01/23 10:48	56-55-3	
Benzo(a)pyrene	357	ug/kg	25.7	15.3	5	07/31/23 11:26	08/01/23 10:48	50-32-8	
Benzo(b)fluoranthene	462	ug/kg	25.7	14.1	5	07/31/23 11:26	08/01/23 10:48	205-99-2	
Benzo(g,h,i)perylene	209	ug/kg	25.7	15.2	5	07/31/23 11:26	08/01/23 10:48	191-24-2	
Benzo(k)fluoranthene	144	ug/kg	25.7	11.9	5	07/31/23 11:26	08/01/23 10:48	207-08-9	
Chrysene	335	ug/kg	25.7	17.6	5	07/31/23 11:26	08/01/23 10:48	218-01-9	
Dibenz(a,h)anthracene	61.3	ug/kg	25.7	12.6	5	07/31/23 11:26	08/01/23 10:48	53-70-3	
Fluoranthene	800	ug/kg	25.7	17.9	5	07/31/23 11:26	08/01/23 10:48	206-44-0	
Fluorene	32.9	ug/kg	25.7	10.1	5	07/31/23 11:26	08/01/23 10:48	86-73-7	
Indeno(1,2,3-cd)pyrene	211	ug/kg	25.7	13.1	5	07/31/23 11:26	08/01/23 10:48	193-39-5	
2-Methylnaphthalene	65.0	ug/kg	25.7	24.1	5	07/31/23 11:26	08/01/23 10:48	91-57-6	
Naphthalene	49.7	ug/kg	25.7	23.6	5	07/31/23 11:26	08/01/23 10:48	91-20-3	ED
Phenanthrene	468	ug/kg	25.7	18.5	5	07/31/23 11:26	08/01/23 10:48	85-01-8	
Pyrene	617	ug/kg	25.7	17.6	5	07/31/23 11:26	08/01/23 10:48	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	23-115		5	07/31/23 11:26	08/01/23 10:48	321-60-8	
p-Terphenyl-d14 (S)	92	%	19-136		5	07/31/23 11:26	08/01/23 10:48	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.1	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-156 (0-2) Lab ID: 50350243033 Collected: 07/25/23 14:46 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	3070	ug/kg	1030	171	1	07/30/23 17:27	07/31/23 13:54	7440-38-2	
Barium	34900	ug/kg	1030	194	1	07/30/23 17:27	07/31/23 13:54	7440-39-3	
Chromium	7100	ug/kg	1030	979	1	07/30/23 17:27	07/31/23 13:54	7440-47-3	
Copper	8520	ug/kg	1030	245	1	07/30/23 17:27	07/31/23 13:54	7440-50-8	
Lead	13400	ug/kg	1030	477	1	07/30/23 17:27	07/31/23 13:54	7439-92-1	
Zinc	33800	ug/kg	1030	891	1	07/30/23 17:27	07/31/23 13:54	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	213	ug/kg	55.9	24.8	1	07/28/23 13:58	07/31/23 19:04	7440-43-9	
Selenium	839	ug/kg	559	254	5	07/28/23 13:58	07/31/23 15:50	7782-49-2	
Silver	25.3J	ug/kg	55.9	2.5	1	07/28/23 13:58	07/31/23 19:04	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	26.6J	ug/kg	221	25.5	1	07/31/23 21:57	08/01/23 11:19	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	19.7J	ug/kg	27.9	11.2	5	07/31/23 11:26	08/01/23 11:02	83-32-9	
Acenaphthylene	ND	ug/kg	27.9	10.5	5	07/31/23 11:26	08/01/23 11:02	208-96-8	
Anthracene	52.9	ug/kg	27.9	14.0	5	07/31/23 11:26	08/01/23 11:02	120-12-7	
Benzo(a)anthracene	146	ug/kg	27.9	7.9	5	07/31/23 11:26	08/01/23 11:02	56-55-3	
Benzo(a)pyrene	162	ug/kg	27.9	16.6	5	07/31/23 11:26	08/01/23 11:02	50-32-8	
Benzo(b)fluoranthene	224	ug/kg	27.9	15.4	5	07/31/23 11:26	08/01/23 11:02	205-99-2	
Benzo(g,h,i)perylene	107	ug/kg	27.9	16.6	5	07/31/23 11:26	08/01/23 11:02	191-24-2	
Benzo(k)fluoranthene	69.8	ug/kg	27.9	12.9	5	07/31/23 11:26	08/01/23 11:02	207-08-9	
Chrysene	149	ug/kg	27.9	19.2	5	07/31/23 11:26	08/01/23 11:02	218-01-9	
Dibenz(a,h)anthracene	28.9	ug/kg	27.9	13.7	5	07/31/23 11:26	08/01/23 11:02	53-70-3	
Fluoranthene	311	ug/kg	27.9	19.5	5	07/31/23 11:26	08/01/23 11:02	206-44-0	
Fluorene	19.9J	ug/kg	27.9	11.0	5	07/31/23 11:26	08/01/23 11:02	86-73-7	
Indeno(1,2,3-cd)pyrene	109	ug/kg	27.9	14.2	5	07/31/23 11:26	08/01/23 11:02	193-39-5	
2-Methylnaphthalene	ND	ug/kg	27.9	26.3	5	07/31/23 11:26	08/01/23 11:02	91-57-6	
Naphthalene	ND	ug/kg	27.9	25.7	5	07/31/23 11:26	08/01/23 11:02	91-20-3	ED
Phenanthrene	185	ug/kg	27.9	20.1	5	07/31/23 11:26	08/01/23 11:02	85-01-8	
Pyrene	235	ug/kg	27.9	19.2	5	07/31/23 11:26	08/01/23 11:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	23-115		5	07/31/23 11:26	08/01/23 11:02	321-60-8	
p-Terphenyl-d14 (S)	87	%	19-136		5	07/31/23 11:26	08/01/23 11:02	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	12.3	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-157 (0-2) Lab ID: 50350243034 Collected: 07/25/23 14:54 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	13700	ug/kg	1120	186	1	07/30/23 17:27	07/31/23 13:56	7440-38-2	
Barium	2320000	ug/kg	4470	841	4	07/30/23 17:27	07/31/23 14:18	7440-39-3	
Chromium	47400	ug/kg	1120	1060	1	07/30/23 17:27	07/31/23 13:56	7440-47-3	
Copper	520000	ug/kg	1120	266	1	07/30/23 17:27	07/31/23 13:56	7440-50-8	
Lead	4040000	ug/kg	1120	518	1	07/30/23 17:27	07/31/23 13:56	7439-92-1	
Zinc	1880000	ug/kg	1120	966	1	07/30/23 17:27	07/31/23 13:56	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	5600	ug/kg	59.9	26.6	1	07/28/23 13:58	07/31/23 19:08	7440-43-9	
Selenium	950	ug/kg	120	54.4	1	07/28/23 13:58	07/31/23 19:08	7782-49-2	
Silver	107	ug/kg	59.9	2.7	1	07/28/23 13:58	07/31/23 19:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	909	ug/kg	251	28.9	1	07/31/23 21:57	08/01/23 11:22	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	44.6	ug/kg	6.3	2.5	1	07/31/23 11:26	08/01/23 11:17	83-32-9	
Acenaphthylene	31.6	ug/kg	6.3	2.4	1	07/31/23 11:26	08/01/23 11:17	208-96-8	
Anthracene	118	ug/kg	6.3	3.1	1	07/31/23 11:26	08/01/23 11:17	120-12-7	
Benzo(a)anthracene	407	ug/kg	6.3	1.8	1	07/31/23 11:26	08/01/23 11:17	56-55-3	
Benzo(a)pyrene	322	ug/kg	6.3	3.7	1	07/31/23 11:26	08/01/23 11:17	50-32-8	
Benzo(b)fluoranthene	444	ug/kg	6.3	3.5	1	07/31/23 11:26	08/01/23 11:17	205-99-2	
Benzo(g,h,i)perylene	199	ug/kg	6.3	3.7	1	07/31/23 11:26	08/01/23 11:17	191-24-2	
Benzo(k)fluoranthene	165	ug/kg	6.3	2.9	1	07/31/23 11:26	08/01/23 11:17	207-08-9	
Chrysene	417	ug/kg	6.3	4.3	1	07/31/23 11:26	08/01/23 11:17	218-01-9	
Dibenz(a,h)anthracene	49.4	ug/kg	6.3	3.1	1	07/31/23 11:26	08/01/23 11:17	53-70-3	
Fluoranthene	747	ug/kg	6.3	4.4	1	07/31/23 11:26	08/01/23 11:17	206-44-0	
Fluorene	59.4	ug/kg	6.3	2.5	1	07/31/23 11:26	08/01/23 11:17	86-73-7	
Indeno(1,2,3-cd)pyrene	192	ug/kg	6.3	3.2	1	07/31/23 11:26	08/01/23 11:17	193-39-5	
2-Methylnaphthalene	134	ug/kg	6.3	5.9	1	07/31/23 11:26	08/01/23 11:17	91-57-6	
Naphthalene	167	ug/kg	6.3	5.8	1	07/31/23 11:26	08/01/23 11:17	91-20-3	
Phenanthrene	446	ug/kg	6.3	4.5	1	07/31/23 11:26	08/01/23 11:17	85-01-8	
Pyrene	657	ug/kg	6.3	4.3	1	07/31/23 11:26	08/01/23 11:17	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	39	%	23-115		1	07/31/23 11:26	08/01/23 11:17	321-60-8	
p-Terphenyl-d14 (S)	35	%	19-136		1	07/31/23 11:26	08/01/23 11:17	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	21.5	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: SB-158 (0-2) Lab ID: 50350243035 Collected: 07/25/23 15:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	10300	ug/kg	1080	180	1	07/30/23 17:27	07/31/23 13:58	7440-38-2	
Barium	2070000	ug/kg	5410	1020	5	07/30/23 17:27	07/31/23 14:21	7440-39-3	
Chromium	29200	ug/kg	1080	1030	1	07/30/23 17:27	07/31/23 13:58	7440-47-3	
Copper	243000	ug/kg	1080	258	1	07/30/23 17:27	07/31/23 13:58	7440-50-8	
Lead	10500000	ug/kg	5410	2510	5	07/30/23 17:27	07/31/23 14:21	7439-92-1	
Zinc	1660000	ug/kg	1080	935	1	07/30/23 17:27	07/31/23 13:58	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	9850	ug/kg	57.0	25.3	1	07/28/23 13:58	07/31/23 19:14	7440-43-9	
Selenium	1480	ug/kg	570	259	5	07/28/23 13:58	07/31/23 16:03	7782-49-2	
Silver	215	ug/kg	57.0	2.6	1	07/28/23 13:58	07/31/23 19:14	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	1350	ug/kg	238	27.4	1	07/31/23 21:57	08/01/23 11:24	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1660	ug/kg	58.4	23.5	10	07/31/23 11:26	08/01/23 12:14	83-32-9	
Acenaphthylene	112	ug/kg	58.4	22.0	10	07/31/23 11:26	08/01/23 12:14	208-96-8	
Anthracene	2790	ug/kg	58.4	29.2	10	07/31/23 11:26	08/01/23 12:14	120-12-7	
Benzo(a)anthracene	5060	ug/kg	58.4	16.6	10	07/31/23 11:26	08/01/23 12:14	56-55-3	
Benzo(a)pyrene	4840	ug/kg	58.4	34.8	10	07/31/23 11:26	08/01/23 12:14	50-32-8	
Benzo(b)fluoranthene	5860	ug/kg	58.4	32.1	10	07/31/23 11:26	08/01/23 12:14	205-99-2	
Benzo(g,h,i)perylene	2620	ug/kg	58.4	34.6	10	07/31/23 11:26	08/01/23 12:14	191-24-2	
Benzo(k)fluoranthene	2300	ug/kg	58.4	27.0	10	07/31/23 11:26	08/01/23 12:14	207-08-9	
Chrysene	4710	ug/kg	58.4	40.1	10	07/31/23 11:26	08/01/23 12:14	218-01-9	
Dibenz(a,h)anthracene	853	ug/kg	58.4	28.7	10	07/31/23 11:26	08/01/23 12:14	53-70-3	
Fluoranthene	12400	ug/kg	58.4	40.6	10	07/31/23 11:26	08/01/23 12:14	206-44-0	
Fluorene	2200	ug/kg	58.4	23.1	10	07/31/23 11:26	08/01/23 12:14	86-73-7	
Indeno(1,2,3-cd)pyrene	2780	ug/kg	58.4	29.7	10	07/31/23 11:26	08/01/23 12:14	193-39-5	
2-Methylnaphthalene	1320	ug/kg	58.4	54.9	10	07/31/23 11:26	08/01/23 12:14	91-57-6	
Naphthalene	2280	ug/kg	58.4	53.7	10	07/31/23 11:26	08/01/23 12:14	91-20-3	ED
Phenanthrene	13300	ug/kg	58.4	42.0	10	07/31/23 11:26	08/01/23 12:14	85-01-8	
Pyrene	9370	ug/kg	58.4	40.1	10	07/31/23 11:26	08/01/23 12:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	23-115		10	07/31/23 11:26	08/01/23 12:14	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-136		10	07/31/23 11:26	08/01/23 12:14	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.5	%	0.10	0.10	1		08/01/23 15:17		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: DUP-1 (0-2) **Lab ID: 50350243036** Collected: 07/25/23 00:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7990	ug/kg	1220	202	1	07/30/23 17:27	07/31/23 14:00	7440-38-2	
Barium	76600	ug/kg	1220	229	1	07/30/23 17:27	07/31/23 14:00	7440-39-3	
Chromium	13800	ug/kg	1220	1160	1	07/30/23 17:27	07/31/23 14:00	7440-47-3	
Copper	31900	ug/kg	1220	290	1	07/30/23 17:27	07/31/23 14:00	7440-50-8	
Lead	109000	ug/kg	1220	564	1	07/30/23 17:27	07/31/23 14:00	7439-92-1	
Zinc	113000	ug/kg	1220	1050	1	07/30/23 17:27	07/31/23 14:00	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1050	ug/kg	63.3	28.1	1	07/28/23 13:58	07/31/23 19:18	7440-43-9	
Selenium	1450	ug/kg	633	288	5	07/28/23 13:58	07/31/23 16:07	7782-49-2	
Silver	107	ug/kg	63.3	2.9	1	07/28/23 13:58	07/31/23 19:18	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	330	ug/kg	277	31.8	1	07/31/23 21:57	08/01/23 11:27	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1020	ug/kg	63.0	25.3	10	07/31/23 11:26	08/01/23 12:29	83-32-9	
Acenaphthylene	83.4	ug/kg	63.0	23.7	10	07/31/23 11:26	08/01/23 12:29	208-96-8	
Anthracene	2570	ug/kg	63.0	31.6	10	07/31/23 11:26	08/01/23 12:29	120-12-7	
Benzo(a)anthracene	4530	ug/kg	63.0	17.9	10	07/31/23 11:26	08/01/23 12:29	56-55-3	
Benzo(a)pyrene	4180	ug/kg	63.0	37.5	10	07/31/23 11:26	08/01/23 12:29	50-32-8	
Benzo(b)fluoranthene	5000	ug/kg	63.0	34.7	10	07/31/23 11:26	08/01/23 12:29	205-99-2	
Benzo(g,h,i)perylene	2450	ug/kg	63.0	37.4	10	07/31/23 11:26	08/01/23 12:29	191-24-2	
Benzo(k)fluoranthene	1840	ug/kg	63.0	29.1	10	07/31/23 11:26	08/01/23 12:29	207-08-9	
Chrysene	4070	ug/kg	63.0	43.3	10	07/31/23 11:26	08/01/23 12:29	218-01-9	
Dibenz(a,h)anthracene	702	ug/kg	63.0	31.0	10	07/31/23 11:26	08/01/23 12:29	53-70-3	
Fluoranthene	11000	ug/kg	63.0	43.9	10	07/31/23 11:26	08/01/23 12:29	206-44-0	
Fluorene	978	ug/kg	63.0	24.9	10	07/31/23 11:26	08/01/23 12:29	86-73-7	
Indeno(1,2,3-cd)pyrene	2470	ug/kg	63.0	32.1	10	07/31/23 11:26	08/01/23 12:29	193-39-5	
2-Methylnaphthalene	542	ug/kg	63.0	59.3	10	07/31/23 11:26	08/01/23 12:29	91-57-6	
Naphthalene	445	ug/kg	63.0	58.0	10	07/31/23 11:26	08/01/23 12:29	91-20-3	ED
Phenanthrene	10400	ug/kg	63.0	45.4	10	07/31/23 11:26	08/01/23 12:29	85-01-8	
Pyrene	8750	ug/kg	63.0	43.3	10	07/31/23 11:26	08/01/23 12:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	23-115		10	07/31/23 11:26	08/01/23 12:29	321-60-8	
p-Terphenyl-d14 (S)	89	%	19-136		10	07/31/23 11:26	08/01/23 12:29	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	24.7	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: DUP-2 (0-2) Lab ID: 50350243037 Collected: 07/25/23 00:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	8760	ug/kg	1080	179	1	07/30/23 17:27	07/31/23 14:03	7440-38-2	
Barium	108000	ug/kg	1080	203	1	07/30/23 17:27	07/31/23 14:03	7440-39-3	
Chromium	23500	ug/kg	1080	1030	1	07/30/23 17:27	07/31/23 14:03	7440-47-3	
Copper	44600	ug/kg	1080	257	1	07/30/23 17:27	07/31/23 14:03	7440-50-8	
Lead	131000	ug/kg	1080	500	1	07/30/23 17:27	07/31/23 14:03	7439-92-1	
Zinc	158000	ug/kg	1080	932	1	07/30/23 17:27	07/31/23 14:03	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	1820	ug/kg	57.5	25.5	1	07/28/23 13:58	07/31/23 19:28	7440-43-9	
Selenium	1530	ug/kg	575	261	5	07/28/23 13:58	07/31/23 16:10	7782-49-2	
Silver	86.5	ug/kg	57.5	2.6	1	07/28/23 13:58	07/31/23 19:28	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	132J	ug/kg	248	28.5	1	07/31/23 21:57	08/01/23 11:29	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	149	ug/kg	57.5	23.1	10	07/31/23 11:26	08/01/23 12:43	83-32-9	
Acenaphthylene	54.7J	ug/kg	57.5	21.6	10	07/31/23 11:26	08/01/23 12:43	208-96-8	
Anthracene	330	ug/kg	57.5	28.8	10	07/31/23 11:26	08/01/23 12:43	120-12-7	
Benzo(a)anthracene	876	ug/kg	57.5	16.3	10	07/31/23 11:26	08/01/23 12:43	56-55-3	
Benzo(a)pyrene	817	ug/kg	57.5	34.2	10	07/31/23 11:26	08/01/23 12:43	50-32-8	
Benzo(b)fluoranthene	1030	ug/kg	57.5	31.6	10	07/31/23 11:26	08/01/23 12:43	205-99-2	
Benzo(g,h,i)perylene	440	ug/kg	57.5	34.1	10	07/31/23 11:26	08/01/23 12:43	191-24-2	
Benzo(k)fluoranthene	362	ug/kg	57.5	26.6	10	07/31/23 11:26	08/01/23 12:43	207-08-9	
Chrysene	801	ug/kg	57.5	39.5	10	07/31/23 11:26	08/01/23 12:43	218-01-9	
Dibenz(a,h)anthracene	143	ug/kg	57.5	28.3	10	07/31/23 11:26	08/01/23 12:43	53-70-3	
Fluoranthene	1870	ug/kg	57.5	40.0	10	07/31/23 11:26	08/01/23 12:43	206-44-0	
Fluorene	145	ug/kg	57.5	22.7	10	07/31/23 11:26	08/01/23 12:43	86-73-7	
Indeno(1,2,3-cd)pyrene	462	ug/kg	57.5	29.3	10	07/31/23 11:26	08/01/23 12:43	193-39-5	
2-Methylnaphthalene	60.9	ug/kg	57.5	54.0	10	07/31/23 11:26	08/01/23 12:43	91-57-6	
Naphthalene	78.9	ug/kg	57.5	52.9	10	07/31/23 11:26	08/01/23 12:43	91-20-3	ED
Phenanthrene	1300	ug/kg	57.5	41.4	10	07/31/23 11:26	08/01/23 12:43	85-01-8	
Pyrene	1520	ug/kg	57.5	39.5	10	07/31/23 11:26	08/01/23 12:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	23-115		10	07/31/23 11:26	08/01/23 12:43	321-60-8	
p-Terphenyl-d14 (S)	90	%	19-136		10	07/31/23 11:26	08/01/23 12:43	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	16.9	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: DUP-3 (0-2) Lab ID: 50350243038 Collected: 07/25/23 00:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	7460	ug/kg	1080	180	1	07/30/23 17:27	07/31/23 14:05	7440-38-2	
Barium	376000	ug/kg	1080	204	1	07/30/23 17:27	07/31/23 14:05	7440-39-3	
Chromium	18900	ug/kg	1080	1030	1	07/30/23 17:27	07/31/23 14:05	7440-47-3	
Copper	87600	ug/kg	1080	258	1	07/30/23 17:27	07/31/23 14:05	7440-50-8	
Lead	260000	ug/kg	1080	502	1	07/30/23 17:27	07/31/23 14:05	7439-92-1	
Zinc	216000	ug/kg	1080	936	1	07/30/23 17:27	07/31/23 14:05	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	4420	ug/kg	56.7	25.2	1	07/28/23 13:58	07/31/23 19:31	7440-43-9	
Selenium	1680	ug/kg	567	257	5	07/28/23 13:58	07/31/23 16:13	7782-49-2	
Silver	87.1	ug/kg	56.7	2.6	1	07/28/23 13:58	07/31/23 19:31	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	247	ug/kg	226	26.0	1	07/31/23 21:57	08/01/23 11:32	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	56.9	ug/kg	55.7	22.4	10	07/31/23 11:26	08/01/23 12:58	83-32-9	
Acenaphthylene	ND	ug/kg	55.7	20.9	10	07/31/23 11:26	08/01/23 12:58	208-96-8	
Anthracene	207	ug/kg	55.7	27.9	10	07/31/23 11:26	08/01/23 12:58	120-12-7	
Benzo(a)anthracene	478	ug/kg	55.7	15.8	10	07/31/23 11:26	08/01/23 12:58	56-55-3	
Benzo(a)pyrene	458	ug/kg	55.7	33.1	10	07/31/23 11:26	08/01/23 12:58	50-32-8	
Benzo(b)fluoranthene	569	ug/kg	55.7	30.6	10	07/31/23 11:26	08/01/23 12:58	205-99-2	
Benzo(g,h,i)perylene	272	ug/kg	55.7	33.0	10	07/31/23 11:26	08/01/23 12:58	191-24-2	
Benzo(k)fluoranthene	199	ug/kg	55.7	25.7	10	07/31/23 11:26	08/01/23 12:58	207-08-9	
Chrysene	442	ug/kg	55.7	38.2	10	07/31/23 11:26	08/01/23 12:58	218-01-9	
Dibenz(a,h)anthracene	70.4	ug/kg	55.7	27.4	10	07/31/23 11:26	08/01/23 12:58	53-70-3	
Fluoranthene	1090	ug/kg	55.7	38.8	10	07/31/23 11:26	08/01/23 12:58	206-44-0	
Fluorene	68.0	ug/kg	55.7	22.0	10	07/31/23 11:26	08/01/23 12:58	86-73-7	
Indeno(1,2,3-cd)pyrene	273	ug/kg	55.7	28.4	10	07/31/23 11:26	08/01/23 12:58	193-39-5	
2-Methylnaphthalene	ND	ug/kg	55.7	52.3	10	07/31/23 11:26	08/01/23 12:58	91-57-6	
Naphthalene	ND	ug/kg	55.7	51.2	10	07/31/23 11:26	08/01/23 12:58	91-20-3	ED
Phenanthrene	687	ug/kg	55.7	40.1	10	07/31/23 11:26	08/01/23 12:58	85-01-8	
Pyrene	882	ug/kg	55.7	38.2	10	07/31/23 11:26	08/01/23 12:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	23-115		10	07/31/23 11:26	08/01/23 12:58	321-60-8	
p-Terphenyl-d14 (S)	90	%	19-136		10	07/31/23 11:26	08/01/23 12:58	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	14.2	%	0.10	0.10	1		08/01/23 15:17		N2

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ANALYTICAL RESULTS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Sample: DUP-4 (0-2) **Lab ID: 50350243039** Collected: 07/25/23 00:00 Received: 07/27/23 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Arsenic	2720	ug/kg	1070	177	1	07/30/23 17:27	07/31/23 14:07	7440-38-2	
Barium	281000	ug/kg	1070	200	1	07/30/23 17:27	07/31/23 14:07	7440-39-3	
Chromium	6090	ug/kg	1070	1010	1	07/30/23 17:27	07/31/23 14:07	7440-47-3	
Copper	3640	ug/kg	1070	254	1	07/30/23 17:27	07/31/23 14:07	7440-50-8	
Lead	22200	ug/kg	1070	494	1	07/30/23 17:27	07/31/23 14:07	7439-92-1	
Zinc	7080	ug/kg	1070	921	1	07/30/23 17:27	07/31/23 14:07	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Pace Analytical Services - Indianapolis									
Cadmium	652	ug/kg	50.7	22.5	1	07/28/23 13:58	07/31/23 19:34	7440-43-9	
Selenium	2040	ug/kg	507	230	5	07/28/23 13:58	07/31/23 16:23	7782-49-2	
Silver	93.8	ug/kg	50.7	2.3	1	07/28/23 13:58	07/31/23 19:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Indianapolis									
Mercury	55.3J	ug/kg	222	25.5	1	07/31/23 21:57	08/01/23 11:34	7439-97-6	
8270 PAH Soil by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	332	ug/kg	54.0	21.7	10	07/31/23 11:26	08/01/23 22:51	83-32-9	
Acenaphthylene	ND	ug/kg	54.0	20.3	10	07/31/23 11:26	08/01/23 22:51	208-96-8	
Anthracene	1050	ug/kg	54.0	27.1	10	07/31/23 11:26	08/01/23 22:51	120-12-7	
Benzo(a)anthracene	1520	ug/kg	54.0	15.3	10	07/31/23 11:26	08/01/23 22:51	56-55-3	
Benzo(a)pyrene	1370	ug/kg	54.0	32.2	10	07/31/23 11:26	08/01/23 22:51	50-32-8	
Benzo(b)fluoranthene	1630	ug/kg	54.0	29.7	10	07/31/23 11:26	08/01/23 22:51	205-99-2	
Benzo(g,h,i)perylene	749	ug/kg	54.0	32.0	10	07/31/23 11:26	08/01/23 22:51	191-24-2	
Benzo(k)fluoranthene	638	ug/kg	54.0	25.0	10	07/31/23 11:26	08/01/23 22:51	207-08-9	
Chrysene	1390	ug/kg	54.0	37.1	10	07/31/23 11:26	08/01/23 22:51	218-01-9	
Dibenz(a,h)anthracene	229	ug/kg	54.0	26.6	10	07/31/23 11:26	08/01/23 22:51	53-70-3	
Fluoranthene	3590	ug/kg	54.0	37.6	10	07/31/23 11:26	08/01/23 22:51	206-44-0	
Fluorene	431	ug/kg	54.0	21.4	10	07/31/23 11:26	08/01/23 22:51	86-73-7	
Indeno(1,2,3-cd)pyrene	762	ug/kg	54.0	27.5	10	07/31/23 11:26	08/01/23 22:51	193-39-5	
2-Methylnaphthalene	257	ug/kg	54.0	50.8	10	07/31/23 11:26	08/01/23 22:51	91-57-6	
Naphthalene	144	ug/kg	54.0	49.7	10	07/31/23 11:26	08/01/23 22:51	91-20-3	ED
Phenanthrene	3370	ug/kg	54.0	38.9	10	07/31/23 11:26	08/01/23 22:51	85-01-8	
Pyrene	2670	ug/kg	54.0	37.1	10	07/31/23 11:26	08/01/23 22:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	23-115		10	07/31/23 11:26	08/01/23 22:51	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-136		10	07/31/23 11:26	08/01/23 22:51	1718-51-0	
Percent Moisture									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	11.6	%	0.10	0.10	1		08/01/23 15:17		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 745999 Analysis Method: EPA 7471
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

METHOD BLANK: 3420031 Matrix: Solid
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	08/01/23 09:14	

LABORATORY CONTROL SAMPLE: 3420032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	522	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3420033 3420034

Parameter	Units	50350243001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	72.5J	562	607	648	674	102	99	75-125	4	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	746000	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

METHOD BLANK:	3420035	Matrix:	Solid
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/kg	ND	200	23.0	08/01/23 10:28	

LABORATORY CONTROL SAMPLE:	3420036					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	500	483	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3420037			3420038								
Parameter	Units	50350243021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	ND	522	525	527	547	98	101	75-125	4	20	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 745647 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

METHOD BLANK: 3418445 Matrix: Solid
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	07/31/23 11:55	
Barium	ug/kg	ND	1000	188	07/31/23 11:55	
Chromium	ug/kg	ND	1000	950	07/31/23 11:55	
Copper	ug/kg	ND	1000	238	07/31/23 11:55	
Lead	ug/kg	ND	1000	463	07/31/23 11:55	
Zinc	ug/kg	ND	1000	864	07/31/23 11:55	

LABORATORY CONTROL SAMPLE: 3418446

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	49800	100	80-120	
Barium	ug/kg	50000	49700	99	80-120	
Chromium	ug/kg	50000	47600	95	80-120	
Copper	ug/kg	50000	47400	95	80-120	
Lead	ug/kg	50000	47200	94	80-120	
Zinc	ug/kg	50000	48400	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3418447 3418448

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50350243001 Result	Spike Conc.	Spike Conc.	Result							Result
Arsenic	ug/kg	5300	48400	51800	54200	56500	101	99	75-125	4	20	
Barium	ug/kg	39500	48400	51800	102000	115000	130	145	75-125	12	20	M3
Chromium	ug/kg	10000	48400	51800	58800	60800	101	98	75-125	3	20	
Copper	ug/kg	13400	48400	51800	65600	72000	108	113	75-125	9	20	
Lead	ug/kg	17700	48400	51800	63800	91700	95	143	75-125	36	20	M0,R1
Zinc	ug/kg	40200	48400	51800	96700	120000	117	154	75-125	21	20	M0,R1

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	745648	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

METHOD BLANK:	3418449	Matrix:	Solid
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/kg	ND	1000	166	07/31/23 13:07	
Barium	ug/kg	ND	1000	188	07/31/23 13:07	
Chromium	ug/kg	ND	1000	950	07/31/23 13:07	
Copper	ug/kg	ND	1000	238	07/31/23 13:07	
Lead	ug/kg	ND	1000	463	07/31/23 13:07	
Zinc	ug/kg	ND	1000	864	07/31/23 13:07	

LABORATORY CONTROL SAMPLE: 3418450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	50000	50500	101	80-120	
Barium	ug/kg	50000	51200	102	80-120	
Chromium	ug/kg	50000	49700	99	80-120	
Copper	ug/kg	50000	50000	100	80-120	
Lead	ug/kg	50000	48100	96	80-120	
Zinc	ug/kg	50000	49800	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3418451 3418452

Parameter	Units	50350243021		3418452		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	ug/kg	7830	49800	54400	51600	88	93	75-125	13	20	
Barium	ug/kg	62300	49800	54400	117000	110	118	75-125	8	20	
Chromium	ug/kg	17900	49800	54400	61100	87	93	75-125	11	20	
Copper	ug/kg	17900	49800	54400	61700	88	93	75-125	11	20	
Lead	ug/kg	9080	49800	54400	46200	75	76	75-125	9	20	
Zinc	ug/kg	52800	49800	54400	80100	55	59	75-125	6	20 M3	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 745682 Analysis Method: EPA 6020
 QC Batch Method: EPA 3050B Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

METHOD BLANK: 3418657 Matrix: Solid
 Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	21.9	07/31/23 02:45	
Selenium	ug/kg	ND	100	23.3	07/31/23 02:45	
Silver	ug/kg	ND	50.0	1.7	07/31/23 02:45	

LABORATORY CONTROL SAMPLE: 3418658

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3840	96	80-120	
Selenium	ug/kg	4000	3920	98	80-120	
Silver	ug/kg	4000	4050	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3418659 3418660

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50350243007 Result	Spike Conc.	Spike Conc.	Result						
Cadmium	ug/kg	4550	4440	4420	8320	8690	85	94	75-125	4	20
Selenium	ug/kg	1090	4440	4420	4450	4430	75	75	75-125	0	20
Silver	ug/kg	163	4440	4420	4360	4360	94	95	75-125	0	20

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	745683	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

METHOD BLANK:	3418661	Matrix:	Solid
Associated Lab Samples:	50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	ug/kg	ND	50.0	22.2	07/31/23 14:31	
Selenium	ug/kg	ND	100	45.4	07/31/23 14:31	
Silver	ug/kg	ND	50.0	2.3	07/31/23 14:31	

LABORATORY CONTROL SAMPLE: 3418662						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/kg	4000	3940	99	80-120	
Selenium	ug/kg	4000	4090	102	80-120	
Silver	ug/kg	4000	4090	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3418663												3418664	
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50350243030 Result	Spike Conc.	Spike Conc.	Conc.								
Cadmium	ug/kg	712	4480	4360	5350	5180	104	102	75-125	3	20		
Selenium	ug/kg	1310	4480	4360	5320	5120	90	87	75-125	4	20		
Silver	ug/kg	92.9	4480	4360	4300	4230	94	95	75-125	2	20		

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 745927 Analysis Method: EPA 8270 by SIM
 QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
 Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005

METHOD BLANK: 3419871 Matrix: Solid

Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	4.9	4.6	07/31/23 12:16	
Acenaphthene	ug/kg	ND	4.9	2.0	07/31/23 12:16	
Acenaphthylene	ug/kg	ND	4.9	1.8	07/31/23 12:16	
Anthracene	ug/kg	ND	4.9	2.5	07/31/23 12:16	
Benzo(a)anthracene	ug/kg	ND	4.9	1.4	07/31/23 12:16	
Benzo(a)pyrene	ug/kg	ND	4.9	2.9	07/31/23 12:16	
Benzo(b)fluoranthene	ug/kg	ND	4.9	2.7	07/31/23 12:16	
Benzo(g,h,i)perylene	ug/kg	ND	4.9	2.9	07/31/23 12:16	
Benzo(k)fluoranthene	ug/kg	ND	4.9	2.3	07/31/23 12:16	
Chrysene	ug/kg	ND	4.9	3.4	07/31/23 12:16	
Dibenz(a,h)anthracene	ug/kg	ND	4.9	2.4	07/31/23 12:16	
Fluoranthene	ug/kg	ND	4.9	3.4	07/31/23 12:16	
Fluorene	ug/kg	ND	4.9	1.9	07/31/23 12:16	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	4.9	2.5	07/31/23 12:16	
Naphthalene	ug/kg	ND	4.9	4.5	07/31/23 12:16	
Phenanthrene	ug/kg	ND	4.9	3.5	07/31/23 12:16	
Pyrene	ug/kg	ND	4.9	3.4	07/31/23 12:16	
2-Fluorobiphenyl (S)	%	78	23-115		07/31/23 12:16	
p-Terphenyl-d14 (S)	%	82	19-136		07/31/23 12:16	

LABORATORY CONTROL SAMPLE: 3419872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	658	611	93	52-123	
Acenaphthene	ug/kg	658	641	97	54-119	
Acenaphthylene	ug/kg	658	692	105	55-130	
Anthracene	ug/kg	658	659	100	58-120	
Benzo(a)anthracene	ug/kg	658	680	103	59-126	
Benzo(a)pyrene	ug/kg	658	731	111	58-133	
Benzo(b)fluoranthene	ug/kg	658	757	115	54-137	
Benzo(g,h,i)perylene	ug/kg	658	686	104	53-127	
Benzo(k)fluoranthene	ug/kg	658	665	101	54-126	
Chrysene	ug/kg	658	627	95	59-129	
Dibenz(a,h)anthracene	ug/kg	658	750	114	54-128	
Fluoranthene	ug/kg	658	714	109	58-137	
Fluorene	ug/kg	658	661	100	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	658	772	117	56-129	
Naphthalene	ug/kg	658	582	89	48-112	
Phenanthrene	ug/kg	658	646	98	57-125	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

LABORATORY CONTROL SAMPLE: 3419872

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	658	585	89	55-133	
2-Fluorobiphenyl (S)	%			82	23-115	
p-Terphenyl-d14 (S)	%			80	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3419888 3419889

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
2-Methylnaphthalene	ug/kg	721	0.096 mg/kg	731	579	67	65	16-139	1	20	
Acenaphthene	ug/kg	721	0.078 mg/kg	731	587	71	65	26-123	5	20	
Acenaphthylene	ug/kg	721	0.23 mg/kg	731	591	50	51	16-125	2	20	
Anthracene	ug/kg	721	0.39 mg/kg	731	921	73	70	13-133	2	20	
Benzo(a)anthracene	ug/kg	721	1.6 mg/kg	731	1640	4	4	10-148	0	20 M1	
Benzo(a)pyrene	ug/kg	721	1.8 mg/kg	731	1730	-5	8	10-133	5	20 M1	
Benzo(b)fluoranthene	ug/kg	721	2.3 mg/kg	731	1920	-52	-34	10-155	6	20 M1	
Benzo(g,h,i)perylene	ug/kg	721	1.2 mg/kg	731	1260	14	32	10-129	10	20	
Benzo(k)fluoranthene	ug/kg	721	0.67 mg/kg	731	1070	56	61	12-142	4	20	
Chrysene	ug/kg	721	1.5 mg/kg	731	1460	-7	-9	14-148	1	20 M1	
Dibenz(a,h)anthracene	ug/kg	721	0.32 mg/kg	731	764	61	63	10-131	2	20	
Fluoranthene	ug/kg	721	2.7 mg/kg	731	2830	12	-2	10-154	4	20 M1	
Fluorene	ug/kg	721	0.11 mg/kg	731	611	69	64	26-134	6	20	
Indeno(1,2,3-cd)pyrene	ug/kg	721	1.1 mg/kg	731	1280	29	45	10-136	9	20	
Naphthalene	ug/kg	721	0.19 mg/kg	731	725	74	71	20-119	1	20 ED	
Phenanthrene	ug/kg	721	1.2 mg/kg	731	1560	56	50	12-150	2	20	
Pyrene	ug/kg	721	2.2 mg/kg	731	2060	-23	-17	17-152	2	20 M1	
2-Fluorobiphenyl (S)	%					58	54	23-115			
p-Terphenyl-d14 (S)	%					60	57	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	745941	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 Soil PAH by SIM
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

METHOD BLANK:	3419922	Matrix:	Solid
Associated Lab Samples:	50350243026, 50350243027, 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	07/31/23 16:07	
Acenaphthene	ug/kg	ND	5.0	2.0	07/31/23 16:07	
Acenaphthylene	ug/kg	ND	5.0	1.9	07/31/23 16:07	
Anthracene	ug/kg	ND	5.0	2.5	07/31/23 16:07	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	07/31/23 16:07	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	07/31/23 16:07	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	07/31/23 16:07	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	07/31/23 16:07	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	07/31/23 16:07	
Chrysene	ug/kg	ND	5.0	3.4	07/31/23 16:07	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	07/31/23 16:07	
Fluoranthene	ug/kg	ND	5.0	3.5	07/31/23 16:07	
Fluorene	ug/kg	ND	5.0	2.0	07/31/23 16:07	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	07/31/23 16:07	
Naphthalene	ug/kg	ND	5.0	4.6	07/31/23 16:07	
Phenanthrene	ug/kg	ND	5.0	3.6	07/31/23 16:07	
Pyrene	ug/kg	ND	5.0	3.4	07/31/23 16:07	
2-Fluorobiphenyl (S)	%	91	23-115		07/31/23 16:07	
p-Terphenyl-d14 (S)	%	100	19-136		07/31/23 16:07	

LABORATORY CONTROL SAMPLE: 3419923						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	667	593	89	52-123	
Acenaphthene	ug/kg	667	627	94	54-119	
Acenaphthylene	ug/kg	667	682	102	55-130	
Anthracene	ug/kg	667	678	102	58-120	
Benzo(a)anthracene	ug/kg	667	700	105	59-126	
Benzo(a)pyrene	ug/kg	667	744	112	58-133	
Benzo(b)fluoranthene	ug/kg	667	771	116	54-137	
Benzo(g,h,i)perylene	ug/kg	667	695	104	53-127	
Benzo(k)fluoranthene	ug/kg	667	683	102	54-126	
Chrysene	ug/kg	667	640	96	59-129	
Dibenz(a,h)anthracene	ug/kg	667	760	114	54-128	
Fluoranthene	ug/kg	667	705	106	58-137	
Fluorene	ug/kg	667	660	99	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	787	118	56-129	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

LABORATORY CONTROL SAMPLE: 3419923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	667	552	83	48-112	
Phenanthrene	ug/kg	667	662	99	57-125	
Pyrene	ug/kg	667	657	99	55-133	
2-Fluorobiphenyl (S)	%			76	23-115	
p-Terphenyl-d14 (S)	%			85	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3419924 3419925

Parameter	Units	MS 50350400002		MSD		MS 3419925		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
2-Methylnaphthalene	ug/kg	ND	667	641	680	680	102	106	16-139	0	20		
Acenaphthene	ug/kg	ND	667	641	695	688	104	107	26-123	1	20		
Acenaphthylene	ug/kg	8.5	667	641	746	745	111	115	16-125	0	20		
Anthracene	ug/kg	21.9	667	641	747	740	109	112	13-133	1	20		
Benzo(a)anthracene	ug/kg	70.5	667	641	839	864	115	124	10-148	3	20		
Benzo(a)pyrene	ug/kg	69.2	667	641	861	875	119	126	10-133	2	20		
Benzo(b)fluoranthene	ug/kg	84.4	667	641	927	935	126	133	10-155	1	20		
Benzo(g,h,i)perylene	ug/kg	35.6	667	641	740	743	106	110	10-129	0	20		
Benzo(k)fluoranthene	ug/kg	32.9	667	641	737	746	106	111	12-142	1	20		
Chrysene	ug/kg	65.0	667	641	757	764	104	109	14-148	1	20		
Dibenz(a,h)anthracene	ug/kg	11.7	667	641	803	785	119	121	10-131	2	20		
Fluoranthene	ug/kg	144	667	641	991	1010	127	135	10-154	2	20		
Fluorene	ug/kg	6.5	667	641	753	754	112	117	26-134	0	20		
Indeno(1,2,3-cd)pyrene	ug/kg	38.2	667	641	849	853	122	127	10-136	1	20		
Naphthalene	ug/kg	ND	667	641	619	619	93	97	20-119	0	20		
Phenanthrene	ug/kg	74.5	667	641	835	845	114	120	12-150	1	20		
Pyrene	ug/kg	110	667	641	867	887	114	121	17-152	2	20		
2-Fluorobiphenyl (S)	%						71	77	23-115				
p-Terphenyl-d14 (S)	%						81	86	19-136				

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 746304

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020, 50350243021, 50350243022, 50350243023, 50350243024, 50350243025

METHOD BLANK: 3421211

Matrix: Solid

Associated Lab Samples: 50350243006, 50350243007, 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020, 50350243021, 50350243022, 50350243023, 50350243024, 50350243025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2-Methylnaphthalene	ug/kg	ND	5.0	4.7	08/02/23 14:06	
Acenaphthene	ug/kg	ND	5.0	2.0	08/02/23 14:06	
Acenaphthylene	ug/kg	ND	5.0	1.9	08/02/23 14:06	
Anthracene	ug/kg	ND	5.0	2.5	08/02/23 14:06	
Benzo(a)anthracene	ug/kg	ND	5.0	1.4	08/02/23 14:06	
Benzo(a)pyrene	ug/kg	ND	5.0	3.0	08/02/23 14:06	
Benzo(b)fluoranthene	ug/kg	ND	5.0	2.8	08/02/23 14:06	
Benzo(g,h,i)perylene	ug/kg	ND	5.0	3.0	08/02/23 14:06	
Benzo(k)fluoranthene	ug/kg	ND	5.0	2.3	08/02/23 14:06	
Chrysene	ug/kg	ND	5.0	3.4	08/02/23 14:06	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	2.5	08/02/23 14:06	
Fluoranthene	ug/kg	ND	5.0	3.5	08/02/23 14:06	
Fluorene	ug/kg	ND	5.0	2.0	08/02/23 14:06	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	2.5	08/02/23 14:06	
Naphthalene	ug/kg	ND	5.0	4.6	08/02/23 14:06	
Phenanthrene	ug/kg	ND	5.0	3.6	08/02/23 14:06	
Pyrene	ug/kg	ND	5.0	3.4	08/02/23 14:06	
2-Fluorobiphenyl (S)	%	90	23-115		08/02/23 14:06	
p-Terphenyl-d14 (S)	%	93	19-136		08/02/23 14:06	

LABORATORY CONTROL SAMPLE: 3421212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	667	429	64	52-123	
Acenaphthene	ug/kg	667	451	68	54-119	
Acenaphthylene	ug/kg	667	489	73	55-130	
Anthracene	ug/kg	667	467	70	58-120	
Benzo(a)anthracene	ug/kg	667	477	72	59-126	
Benzo(a)pyrene	ug/kg	667	500	75	58-133	
Benzo(b)fluoranthene	ug/kg	667	499	75	54-137	
Benzo(g,h,i)perylene	ug/kg	667	511	77	53-127	
Benzo(k)fluoranthene	ug/kg	667	480	72	54-126	
Chrysene	ug/kg	667	445	67	59-129	
Dibenz(a,h)anthracene	ug/kg	667	557	84	54-128	
Fluoranthene	ug/kg	667	503	75	58-137	

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

LABORATORY CONTROL SAMPLE: 3421212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	667	468	70	57-129	
Indeno(1,2,3-cd)pyrene	ug/kg	667	568	85	56-129	
Naphthalene	ug/kg	667	417	63	48-112	
Phenanthrene	ug/kg	667	457	69	57-125	
Pyrene	ug/kg	667	414	62	55-133	
2-Fluorobiphenyl (S)	%			65	23-115	
p-Terphenyl-d14 (S)	%			66	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3421213 3421214

Parameter	Units	MS 50350243006		MSD 3421213		MS 3421214		MSD 3421214		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
2-Methylnaphthalene	ug/kg	ND	780	755	675	557	87	74	16-139	19	20	
Acenaphthene	ug/kg	ND	780	755	700	585	90	77	26-123	18	20	
Acenaphthylene	ug/kg	ND	780	755	723	589	93	78	16-125	20	20	
Anthracene	ug/kg	ND	780	755	723	578	93	77	13-133	22	20	R1
Benzo(a)anthracene	ug/kg	149	780	755	880	640	94	65	10-148	32	20	R1
Benzo(a)pyrene	ug/kg	164	780	755	938	677	99	68	10-133	32	20	R1
Benzo(b)fluoranthene	ug/kg	224	780	755	997	692	99	62	10-155	36	20	R1
Benzo(g,h,i)perylene	ug/kg	130	780	755	850	627	92	66	10-129	30	20	R1
Benzo(k)fluoranthene	ug/kg	77.0	780	755	770	621	89	72	12-142	21	20	R1
Chrysene	ug/kg	172	780	755	835	625	85	60	14-148	29	20	R1
Dibenz(a,h)anthracene	ug/kg	ND	780	755	786	616	101	82	10-131	24	20	R1
Fluoranthene	ug/kg	349	780	755	1130	870	100	69	10-154	26	20	R1
Fluorene	ug/kg	ND	780	755	706	590	91	78	26-134	18	20	
Indeno(1,2,3-cd)pyrene	ug/kg	121	780	755	910	679	101	74	10-136	29	20	R1
Naphthalene	ug/kg	ND	780	755	645	525	83	70	20-119	20	20	ED
Phenanthrene	ug/kg	164	780	755	832	710	86	72	12-150	16	20	
Pyrene	ug/kg	256	780	755	920	693	85	58	17-152	28	20	R1
2-Fluorobiphenyl (S)	%						85	66	23-115			
p-Terphenyl-d14 (S)	%						83	66	19-136			

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch: 746179

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50350243001, 50350243002, 50350243003, 50350243004, 50350243005, 50350243006, 50350243007

SAMPLE DUPLICATE: 3420689

Parameter	Units	50350049009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.4	12.2	7	5	N2,R1

SAMPLE DUPLICATE: 3420690

Parameter	Units	50350243007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.4	17.3	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	746181	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50350243008, 50350243009, 50350243010, 50350243011, 50350243012, 50350243013, 50350243014, 50350243015, 50350243016, 50350243017, 50350243018, 50350243019, 50350243020, 50350243021, 50350243022, 50350243023, 50350243024, 50350243025, 50350243026, 50350243027

SAMPLE DUPLICATE: 3420692

Parameter	Units	50350243008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.3	13.3	0	5	N2

SAMPLE DUPLICATE: 3420693

Parameter	Units	50350243027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.3	16.5	1	5	N2

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QUALITY CONTROL DATA

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

QC Batch:	746182	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50350243028, 50350243029, 50350243030, 50350243031, 50350243032, 50350243033, 50350243034, 50350243035, 50350243036, 50350243037, 50350243038, 50350243039

SAMPLE DUPLICATE: 3420694

Parameter	Units	50350243028 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.6	13.5	7	5	N2,R1

SAMPLE DUPLICATE: 3420695

Parameter	Units	50350243039 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.6	10.5	10	5	N2,R1

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QUALIFIERS

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

ED Due to the extract's physical characteristics, the analysis was performed at dilution.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50350243001	SB-124 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243002	SB-125 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243003	SB-126 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243004	SB-127 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243005	SB-128 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243006	SB-129 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243007	SB-130 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243008	SB-131 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243009	SB-132 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243010	SB-133 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243011	SB-134 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243012	SB-135 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243013	SB-136 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243014	SB-137 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243015	SB-138 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243016	SB-139 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243017	SB-140 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243018	SB-141 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243019	SB-142 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243020	SB-143 (0-2)	EPA 3050	745647	EPA 6010	745931
50350243021	SB-144 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243022	SB-145 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243023	SB-146 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243024	SB-147 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243025	SB-148 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243026	SB-149 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243027	SB-150 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243028	SB-151 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243029	SB-152 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243030	SB-153 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243031	SB-154 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243032	SB-155 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243033	SB-156 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243034	SB-157 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243035	SB-158 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243036	DUP-1 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243037	DUP-2 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243038	DUP-3 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243039	DUP-4 (0-2)	EPA 3050	745648	EPA 6010	745932
50350243001	SB-124 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243002	SB-125 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243003	SB-126 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243004	SB-127 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243005	SB-128 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243006	SB-129 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243007	SB-130 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243008	SB-131 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243009	SB-132 (0-2)	EPA 3050B	745682	EPA 6020	745850

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50350243010	SB-133 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243011	SB-134 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243012	SB-135 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243013	SB-136 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243014	SB-137 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243015	SB-138 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243016	SB-139 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243017	SB-140 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243018	SB-141 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243019	SB-142 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243020	SB-143 (0-2)	EPA 3050B	745682	EPA 6020	745850
50350243021	SB-144 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243022	SB-145 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243023	SB-146 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243024	SB-147 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243025	SB-148 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243026	SB-149 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243027	SB-150 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243028	SB-151 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243029	SB-152 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243030	SB-153 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243031	SB-154 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243032	SB-155 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243033	SB-156 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243034	SB-157 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243035	SB-158 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243036	DUP-1 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243037	DUP-2 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243038	DUP-3 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243039	DUP-4 (0-2)	EPA 3050B	745683	EPA 6020	745848
50350243001	SB-124 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243002	SB-125 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243003	SB-126 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243004	SB-127 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243005	SB-128 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243006	SB-129 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243007	SB-130 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243008	SB-131 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243009	SB-132 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243010	SB-133 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243011	SB-134 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243012	SB-135 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243013	SB-136 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243014	SB-137 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243015	SB-138 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243016	SB-139 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243017	SB-140 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243018	SB-141 (0-2)	EPA 7471	745999	EPA 7471	746099

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50350243019	SB-142 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243020	SB-143 (0-2)	EPA 7471	745999	EPA 7471	746099
50350243021	SB-144 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243022	SB-145 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243023	SB-146 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243024	SB-147 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243025	SB-148 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243026	SB-149 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243027	SB-150 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243028	SB-151 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243029	SB-152 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243030	SB-153 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243031	SB-154 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243032	SB-155 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243033	SB-156 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243034	SB-157 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243035	SB-158 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243036	DUP-1 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243037	DUP-2 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243038	DUP-3 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243039	DUP-4 (0-2)	EPA 7471	746000	EPA 7471	746101
50350243001	SB-124 (0-2)	EPA 3546	745927	EPA 8270 by SIM	746007
50350243002	SB-125 (0-2)	EPA 3546	745927	EPA 8270 by SIM	746007
50350243003	SB-126 (0-2)	EPA 3546	745927	EPA 8270 by SIM	746007
50350243004	SB-127 (0-2)	EPA 3546	745927	EPA 8270 by SIM	746007
50350243005	SB-128 (0-2)	EPA 3546	745927	EPA 8270 by SIM	746007
50350243006	SB-129 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243007	SB-130 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243008	SB-131 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243009	SB-132 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243010	SB-133 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243011	SB-134 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243012	SB-135 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243013	SB-136 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243014	SB-137 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243015	SB-138 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243016	SB-139 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243017	SB-140 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243018	SB-141 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243019	SB-142 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243020	SB-143 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243021	SB-144 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243022	SB-145 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243023	SB-146 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243024	SB-147 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243025	SB-148 (0-2)	EPA 3546	746304	EPA 8270 by SIM	746401
50350243026	SB-149 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox

Pace Project No.: 50350243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50350243027	SB-150 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243028	SB-151 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243029	SB-152 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243030	SB-153 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243031	SB-154 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243032	SB-155 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243033	SB-156 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243034	SB-157 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243035	SB-158 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243036	DUP-1 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243037	DUP-2 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243038	DUP-3 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243039	DUP-4 (0-2)	EPA 3546	745941	EPA 8270 by SIM	746123
50350243001	SB-124 (0-2)	SM 2540G	746179		
50350243002	SB-125 (0-2)	SM 2540G	746179		
50350243003	SB-126 (0-2)	SM 2540G	746179		
50350243004	SB-127 (0-2)	SM 2540G	746179		
50350243005	SB-128 (0-2)	SM 2540G	746179		
50350243006	SB-129 (0-2)	SM 2540G	746179		
50350243007	SB-130 (0-2)	SM 2540G	746179		
50350243008	SB-131 (0-2)	SM 2540G	746181		
50350243009	SB-132 (0-2)	SM 2540G	746181		
50350243010	SB-133 (0-2)	SM 2540G	746181		
50350243011	SB-134 (0-2)	SM 2540G	746181		
50350243012	SB-135 (0-2)	SM 2540G	746181		
50350243013	SB-136 (0-2)	SM 2540G	746181		
50350243014	SB-137 (0-2)	SM 2540G	746181		
50350243015	SB-138 (0-2)	SM 2540G	746181		
50350243016	SB-139 (0-2)	SM 2540G	746181		
50350243017	SB-140 (0-2)	SM 2540G	746181		
50350243018	SB-141 (0-2)	SM 2540G	746181		
50350243019	SB-142 (0-2)	SM 2540G	746181		
50350243020	SB-143 (0-2)	SM 2540G	746181		
50350243021	SB-144 (0-2)	SM 2540G	746181		
50350243022	SB-145 (0-2)	SM 2540G	746181		
50350243023	SB-146 (0-2)	SM 2540G	746181		
50350243024	SB-147 (0-2)	SM 2540G	746181		
50350243025	SB-148 (0-2)	SM 2540G	746181		
50350243026	SB-149 (0-2)	SM 2540G	746181		
50350243027	SB-150 (0-2)	SM 2540G	746181		
50350243028	SB-151 (0-2)	SM 2540G	746182		
50350243029	SB-152 (0-2)	SM 2540G	746182		
50350243030	SB-153 (0-2)	SM 2540G	746182		
50350243031	SB-154 (0-2)	SM 2540G	746182		
50350243032	SB-155 (0-2)	SM 2540G	746182		
50350243033	SB-156 (0-2)	SM 2540G	746182		
50350243034	SB-157 (0-2)	SM 2540G	746182		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Detroit - 100 Lenox
Pace Project No.: 50350243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50350243035	SB-158 (0-2)	SM 2540G	746182		
50350243036	DUP-1 (0-2)	SM 2540G	746182		
50350243037	DUP-2 (0-2)	SM 2540G	746182		
50350243038	DUP-3 (0-2)	SM 2540G	746182		
50350243039	DUP-4 (0-2)	SM 2540G	746182		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Atlas Novi		Report To: Joshua Schuyler		Attention:	
Address: 48555 Humboldt Drive		Copy To:		Company Name:	
Suite 100, Novi, MI 48377		Purchase Order #:		Address:	
Email: joshua.schuyler@oneatlas.com		Project Name: Detroit - 100 Lenox		Pace Quote:	
Phone: (248)863-2666 Fax:		Project #:		Pace Project Manager: brian.hall@pacelabs.com,	
Requested Due Date:		Pace Profile #: 11119		Regulatory Agency:	
				State / Location:	
				MI	

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample Ids must be unique	MATRIX Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)							
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other						
						DATE	TIME	DATE	TIME																			
1	SB-148 (0-2)	SL	G					7/26/23	1324	1	X						X										025	
2	SB-149 (0-2)								1330		X						X											026
3	SB-150 (0-2)								1336		X						X											027
4	SB-151 (0-2)								1353		X						X											028
5	SB-152 (0-2)								1358		X						X											029
6	SB-153 (0-2)								1400		X						X											030
7	SB-154 (0-2)								1434		X						X											031
8	SB-155 (0-2)								1437		X						X											032
9	SB-156 (0-2)								1446		X						X											033
10	SB-157 (0-2)								1454		X						X											034
11	SB-158 (0-2)								1500		X						X											035
12	DUP-1 (0-2)								0000		X						X											036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
ML18-Metals-Secondary Soils - PAH-Extract & Hold	Madelyn Haas Sed. Ext	7/25	11:30	Jeffrey Jeff Francis	7/27/23	09:15	1.5	Y	Y	Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Madelyn Haas						
SIGNATURE of SAMPLER: Madelyn Haas	DATE Signed: 7/26/23					



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 07/27/23 1125 JA

1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H

4. Cooler Temperature(s): 1.5 | 1.5 | | |
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			<input checked="" type="checkbox"/>
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			
Time 5035A TC placed in Freezer or Short Holds To Lab Time:			Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less): <u>5 day</u>		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?		<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)		<input checked="" type="checkbox"/>	Trip Blank Custody Seals?:			<input checked="" type="checkbox"/>

COMMENTS:

Tuesday, August 22, 2023

Fibertec Project Number: A16732
Project Identification: Lenox /
Submittal Date: 08/18/2023

Mr. Josh Schuyler
Atlas - Novi
46555 Humboldt Drive
Suite 100
Novi, MI 48377

Dear Mr. Schuyler,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

Back sections of PAH tubes were analyzed and show no signs of breakthrough unless otherwise noted.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,



By Sue Ricketts at 3:17 PM, Aug 22, 2023

For Heather L. Smith
Director of Laboratory Operations

Enclosures

Client Identification: Atlas - Novi	Sample Description: Field Blank	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Blank: Tube	Collect Time: 12:00

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS Aliquot ID: **A16732-001A** Matrix: **Blank: Tube**
 Method: **NIOSH 5515 (Modified)/EPA TO-13A (Modified)** Description: **Field Blank**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg	0.0025	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg	0.0025	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:15	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	104		%	60-120	SJ	SJ23H21A	8/21/2023 14:15	1	SJAIR
1-Fluoronaphthalene(S)	93		%	60-120	SJ	SJ23H21A	8/21/2023 14:15	1	SJAIR
4-Terphenyl-d14(S)	102		%	60-120	SJ	SJ23H21A	8/21/2023 14:15	1	SJAIR

Mercury Aliquot ID: **A16732-001** Matrix: **Blank: Tube**
 Method: **NIOSH 6009 (Modified)** Description: **Field Blank**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg	0.0020	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-1	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 15:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-002A **Matrix: Air**
Description: SG-1

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:10	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	108		%	60-120	SJ	SJ23H21A	8/21/2023 15:10	1	SJAIR
1-Fluoronaphthalene(S)	95		%	60-120	SJ	SJ23H21A	8/21/2023 15:10	1	SJAIR
4-Terphenyl-d14(S)	103		%	60-120	SJ	SJ23H21A	8/21/2023 15:10	1	SJAIR

Mercury

Aliquot ID: A16732-002 **Matrix: Air**
Description: SG-1

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.21	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-2	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 15:19

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-003A **Matrix: Air**
Description: SG-2

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 15:37	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	98		%	60-120	SJ	SJ23H21A	8/21/2023 15:37	1	SJAIR
1-Fluoronaphthalene(S)	91		%	60-120	SJ	SJ23H21A	8/21/2023 15:37	1	SJAIR
4-Terphenyl-d14(S)	96		%	60-120	SJ	SJ23H21A	8/21/2023 15:37	1	SJAIR

Mercury

Aliquot ID: A16732-003 **Matrix: Air**
Description: SG-2

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.24	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-3	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 12:38

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-004A **Matrix: Air**
Description: SG-3

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:04	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	100		%	60-120	SJ	SJ23H21A	8/21/2023 16:04	1	SJAIR
1-Fluoronaphthalene(S)	92		%	60-120	SJ	SJ23H21A	8/21/2023 16:04	1	SJAIR
4-Terphenyl-d14(S)	95		%	60-120	SJ	SJ23H21A	8/21/2023 16:04	1	SJAIR

Mercury

Aliquot ID: A16732-004 **Matrix: Air**
Description: SG-3

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.25	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-4	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 13:09

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-005A **Matrix: Air**
Description: SG-4

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:31	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	97		%	60-120	SJ	SJ23H21A	8/21/2023 16:31	1	SJAIR
1-Fluoronaphthalene(S)	92		%	60-120	SJ	SJ23H21A	8/21/2023 16:31	1	SJAIR
4-Terphenyl-d14(S)	96		%	60-120	SJ	SJ23H21A	8/21/2023 16:31	1	SJAIR

Mercury

Aliquot ID: A16732-005 **Matrix: Air**
Description: SG-4

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.25	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-5	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 13:48

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-006A **Matrix: Air**
Description: SG-5

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 16:58	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	95		%	60-120	SJ	SJ23H21A	8/21/2023 16:58	1	SJAIR
1-Fluoronaphthalene(S)	98		%	60-120	SJ	SJ23H21A	8/21/2023 16:58	1	SJAIR
4-Terphenyl-d14(S)	102		%	60-120	SJ	SJ23H21A	8/21/2023 16:58	1	SJAIR

Mercury

Aliquot ID: A16732-006 **Matrix: Air**
Description: SG-5

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.25	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-6	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 14:16

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-007A **Matrix: Air**
Description: SG-6

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:26	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	103		%	60-120	SJ	SJ23H21A	8/21/2023 17:26	1	SJAIR
1-Fluoronaphthalene(S)	90		%	60-120	SJ	SJ23H21A	8/21/2023 17:26	1	SJAIR
4-Terphenyl-d14(S)	99		%	60-120	SJ	SJ23H21A	8/21/2023 17:26	1	SJAIR

Mercury

Aliquot ID: A16732-007 **Matrix: Air**
Description: SG-6

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.25	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: SG-7	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Air	Collect Time: 14:41

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS
Method: NIOSH 5515 (Modified)/EPA TO-13A (Modified)

Aliquot ID: A16732-008A **Matrix: Air**
Description: SG-7

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 2. Acenaphthylene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 3. Anthracene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 4. Benzo(a)anthracene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 5. Fluorene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 6. 2-Methylnaphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 7. Naphthalene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 8. Phenanthrene (SIM)	U		µg/m3	2.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG
‡ 9. Pyrene (SIM)	U		µg/m3	5.0	1.0	08/21/23	PS23H21A	08/21/23 17:53	SJ23H21A	KDG

Surrogate Summary

	Result	Q	Units	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
2-Fluorobiphenyl(S)	96		%	60-120	SJ	SJ23H21A	8/21/2023 17:53	1	SJAIR
1-Fluoronaphthalene(S)	89		%	60-120	SJ	SJ23H21A	8/21/2023 17:53	1	SJAIR
4-Terphenyl-d14(S)	96		%	60-120	SJ	SJ23H21A	8/21/2023 17:53	1	SJAIR

Mercury

Aliquot ID: A16732-008 **Matrix: Air**
Description: SG-7

Method: NIOSH 6009 (Modified)

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	U		µg/m3	0.25	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH

Client Identification: Atlas - Novi	Sample Description: Field Spike	Chain of Custody: 221405
Client Project Name: Lenox	Sample No: PAH	Collect Date: 08/16/23
Client Project No: NA	Sample Matrix: Field Spike: Tube	Collect Time: NA

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons - Modified for GC/MS Aliquot ID: **A16732-009A** Matrix: **Field Spike: Tube**
Method: **NIOSH 5515 (Modified)/EPA TO-13A (Modified)** Description: **Field Spike**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acenaphthene (SIM)	0.0081		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 2. Acenaphthene (SIM) (Recovery)	81		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 3. Acenaphthylene (SIM)	0.0083		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 4. Acenaphthylene (SIM) (Recovery)	83		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 5. Anthracene (SIM)	0.0067		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 6. Anthracene (SIM) (Recovery)	67		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 7. Benzo(a)anthracene (SIM)	0.0095		µg	0.0025	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 8. Benzo(a)anthracene (SIM) (Recovery)	95		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 9. Fluorene (SIM)	0.0077		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 10. Fluorene (SIM) (Recovery)	77		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 11. 2-Methylnaphthalene (SIM)	0.0085		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 12. 2-Methylnaphthalene (SIM) (Recovery)	85		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 13. Naphthalene (SIM)	0.010		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 14. Naphthalene (SIM) (Recovery)	103		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 15. Phenanthrene (SIM)	0.0099		µg	0.0025	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 16. Phenanthrene (SIM) (Recovery)	99		%	0	1.0	NA	NA	08/21/23	NA	KDG
‡ 17. Pyrene (SIM)	0.0089		µg	0.0050	1.0	08/21/23	PS23H21A	08/21/23 14:42	SJ23H21A	KDG
‡ 18. Pyrene (SIM) (Recovery)	89		%	0	1.0	NA	NA	08/21/23	NA	KDG

Surrogate Summary	Control Limits	Instrument	Batch	Run Time	Column	Inst. Method		
2-Fluorobiphenyl(S)	95	%	60-120	SJ	SJ23H21A	8/21/2023 14:42	1	SJAIR
1-Fluoronaphthalene(S)	83	%	60-120	SJ	SJ23H21A	8/21/2023 14:42	1	SJAIR
4-Terphenyl-d14(S)	90	%	60-120	SJ	SJ23H21A	8/21/2023 14:42	1	SJAIR

Mercury Aliquot ID: **A16732-009** Matrix: **Field Spike: Tube**
Method: **NIOSH 6009 (Modified)** Description: **Field Spike**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Mercury	0.0098		µg	0.0020	1.0	08/21/23	PM23H21A	08/21/23	M723H21A	JLH
‡ 2. Mercury (Recovery)	98		%	0	1.0	NA	NA	08/21/23	NA	JLH

1914 Holloway Drive
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8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

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T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Definitions/ Qualifiers:

- A:** Spike recovery or precision unusable due to dilution.
- B:** The analyte was detected in the associated method blank.
- E:** The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
- J:** The concentration is an estimated value.
- M:** Modified Method
- U:** The analyte was not detected at or above the reporting limit.
- X:** Matrix Interference has resulted in a raised reporting limit or distorted result.
- W:** Results reported on a wet-weight basis.
- *:** Value reported is outside QC limits
- D:** The sample or extract was analyzed at a DF greater than 1.

Exception Summary:

Analysis Locations:

All analyses performed in Holt.



Accreditation Number(s):

T104704518-23-15 (TX)

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F: (231) 775-8584

PM23H21A: Method Blank (MB)

NIOSH 6009 (Modific

Run Time: PM23H21A.MB 08/21/2023 11:15 [M723H21A]

Analyte	MB Result	MB Qualifier	MB RDL
Mercury	U		0.0020

PM23H21A: Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD)

NIOSH 6009 (Modific

Run Time: PM23H21A.LCS: 08/21/2023 11:17 [M723H21A] PM23H21A.LCSD: 08/21/2023 11:18 [M723H21A]

Analyte	LCS Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	LCSD Spike Amount	LCSD Result	LCSD Rec.	LCSD Qualifier	RPD	RPD Limits	RPD Qualifier
Mercury	0.0100	0.00980	98	85-115		0.0100	0.00950	95		3	20	

PS23H21A: Method Blank (MB)

EPA TO-13A (Modified)

Run Time: PS23H21A.MB 08/22/2023 11:32 [SJ23H22A]

Analyte	MB Result µg/tube	MB Qualifier	MB RDL µg/tube
Acenaphthene (SIM)	U		5.0
Acenaphthylene (SIM)	U		5.0
Anthracene (SIM)	U		5.0
Benzo(a)anthracene (SIM)	U		2.0
Fluorene (SIM)	U		5.0
2-Methylnaphthalene (SIM)	U		5.0
Naphthalene (SIM)	U		5.0
Phenanthrene (SIM)	U		2.0
Pyrene (SIM)	U		5.0
2-Fluorobiphenyl(S)	99		60-120
1-Fluoronaphthalene(S)	87		60-120
4-Terphenyl-d14(S)	91		60-120

PS23H21A: Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD)

EPA TO-13A (Modified)

Run Time: PS23H21A.LCS: 08/22/2023 11:59 [SJ23H22A] PS23H21A.LCSD: 08/21/2023 13:48 [SJ23H21A]

Analyte	LCS Spike Amount µg/tube	LCS Result µg/tube	LCS Rec. %	Rec. Limits %	LCS Qualifier	LCSD Spike Amount µg/tube	LCSD Result µg/tube	LCSD Rec. %	LCSD Qualifier	RPD %	RPD Limits %	RPD Qualifier
Acenaphthene (SIM)	0.0200	0.0172	86	60-120		0.0200	0.0200	100		15	30	
Acenaphthylene (SIM)	0.0200	0.0169	84	60-120		0.0200	0.0197	98		15	30	
Anthracene (SIM)	0.0200	0.0160	80	60-120		0.0200	0.0191	95		17	30	
Benzo(a)anthracene (SIM)	0.0200	0.0184	92	60-120		0.0200	0.0237	119		26	30	
Fluorene (SIM)	0.0200	0.0151	75	60-120		0.0200	0.0195	97		26	30	
2-Methylnaphthalene (SIM)	0.0200	0.0164	82	60-120		0.0200	0.0198	99		19	30	
Naphthalene (SIM)	0.0200	0.0168	84	60-120		0.0200	0.0200	100		17	30	
Phenanthrene (SIM)	0.0200	0.0164	82	60-120		0.0200	0.0207	103		23	30	
Pyrene (SIM)	0.0200	0.0177	89	60-120		0.0200	0.0213	106		17	30	
2-Fluorobiphenyl(S)			97	60-120				107				
1-Fluoronaphthalene(S)			88	60-120				95				
4-Terphenyl-d14(S)			95	60-120				106				

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F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Definitions/ Qualifiers:

- U: The analyte was not detected at or above the Reporting Limit (RL).
- *: Value reported is outside QC limits

Exception Summary:

Exceptions have been properly noted on reported results or affected samples have been scheduled for reanalysis when appropriate.

Report Generated By:



By Sue Ricketts at 2:50 PM, Aug 22, 2023



Soil Vapor Sampling and Analysis Verification

Fibertec Project Number: _____

The analysis of the samples included in this report were analyzed in accordance with the approach and modifications identified in the attached EGLE approval letter(s).

Reviewed and Approved by:

Signature: _____

Printed Name: Kenneth Mueller

Date: _____

Title: Quality Assurance Officer

DCSID: G-597.3 (04/20/2023)

1914 Holloway Drive
11766 Grand River
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Facsimile: (517) 699-0388
Facsimile: (810) 220-3311
Facsimile: (231) 775-8584

Client Name: Atlas Technical				MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PARAMETERS										Matrix Code			Deliverables					
Contact Person: Joshua Schuyler (248) 982-5378						HOLD SAMPLE	S	Soil	GW	Ground Water	A	Air	SW	Surface Water	O	Oil	WW	Waste Water	P	Wipe	X	Other: Specify	Level 2	
Project Name/ Number: Lenox																							Level 3	
Email distribution list: Joshua.schuyler@oneatlas.com						Level 4																		
Quote#						EDD																		
Purchase Order#						Remarks: <div style="text-align: right; color: blue; font-size: 1.2em;">Received By Lab</div> <div style="text-align: right; color: red; font-weight: bold; font-size: 1.2em;">AUG 17 2023</div> <div style="text-align: right; color: blue; font-size: 1.2em;">Initials: <u>JS</u></div>																		
Date	Time	Sample #	Client Sample Descriptor																					
8/16	1200		Field Blank																					
8/16	1545		SA-1																					
8/16	1519		SA-2																					
8/16	1238		SA-3																					
8/16	1309		SA-4																					
8/16	1348		SA-5																					
8/16	1416		SA-6																					
8/16	1441		SA-7																					
Comments:																								
Sampled/Relinquished By: <i>Mr. [Signature]</i>				Date/Time: 8/17/23 0830	Received By: <i>[Signature]</i>																			
Relinquished By: <i>[Signature]</i>				Date/Time:	Received By: <i>[Signature]</i>																			
Relinquished By: <i>[Signature]</i>				Date/Time: 8/17/23 16:17	Received By: <i>[Signature]</i>																			
Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY ___ 1 bus. day ___ 2 bus. days <input checked="" type="checkbox"/> 3 bus. days ___ 4 bus. days ___ 5-7 bus. days (standard) Other (specify time/date requirement): _____				LAB USE ONLY Fibertec project number: A16732 Temperature upon receipt at Lab: 3.90C																				
Please see back for terms and conditions																								

Received

Vapor Tube Sampling Field Worksheet

Client Name: Atlas Technical / City of Detroit Sample Date: 8/16/23
 Project Name/Number: 100 Lenox / 188B'S 23244 Sampled By: Nick Pichis / Skyelar Datta

Sample Identifiers					Field Calibration					
Time Collected	Sample Descriptor	Tube Lot Number	Vapor Kit Number	Analysis Requested	Field Pre Cal Rate (L/min)	** Pre Back Pressure (hPa)	** Post Back Pressure (hPa)	Field Post Cal Rate (L/min)	***Field Cal Average (L/min)	Total Time (minutes)
N/A	Field Blank		N/A	Hg (NOSH 620) PAH (SSSIS/130) N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Field Spike	F.S. ID Number	N/A		N/A	N/A	N/A	N/A	N/A	N/A
15:45	SG-1			↓	0.2	15.60	9.72	0.2	0.2	24
15:19	SG-2		0.2		14.91	6.84	0.2	0.2	21	
1238	SG-3		0.2		6.5	9.95	0.2	0.2	20	
1309	SG-4		0.2		25.61	31.27	0.2	0.2	20	
1348	SG-5		0.2		12.59	14.23	0.2	0.2	20	
1416	SG-6		0.2		54.81	65.22	0.2	0.2	20	
1441	SG-7		0.2		9.61	7.22	0.2	0.2	20	

*Comments: _____ I verify that the field sampling was conducted in accordance with the specification(s) in the approval letter(s) included in the sampling kit.

* Any deviation or issue with sample collection will be noted above.

Sampling Notes

- ** Maximum Vacuum during sampling should be < 75hPa H₂O compared to ambient
- *** Collection rate should be a maximum 0.2 L/minute

Sampling Media

Mercury: 200 mg Anasorb PAH: 150mg XAD-2 PCB: 150 mg Florisil

Signature: Skyelar Datta

Printed Name: Skyelar Datta

Date: 8/16/23

Lab Use Only:
Fibertec Project Number: A16732



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



LIESL EICHLER CLARK
DIRECTOR

August 12, 2020

Fibertec Environmental Services
c/o Mr. Daryl Strandbergh, Laboratory Director
1914 Holloway Drive
Holt, Michigan 48842

Dear Mr. Strandbergh:

SUBJECT: Notice of Approval with Conditions of NIOSH 5515/TO-13A – Modified for Polycyclic Aromatic Hydrocarbon (PAH) Analysis in Soil Gas

The Michigan Department of Environment, Great Lakes, and Energy, Remediation and Redevelopment Division (EGLE-RRD) has reviewed the proposed modifications to the National Institute for Occupational Safety and Health's analytical method NIOSH 5515/TO-13A modified for polycyclic aromatic hydrocarbon (PAH) analysis in soil gas (NIOSH 5515M/TO-13AM). The NIOSH 5515M/TO-13AM was submitted and proposed by Fibertec Environmental Services of Holt, Michigan (Fibertec). In addition to EGLE's review, the modifications underwent a technical review by Geosyntec Consultants of Ann Arbor, Michigan (Geosyntec). Based upon EGLE's review and Geosyntec's recommendation, EGLE conditionally approves of Fibertec's use of NIOSH 5515M/TO-13AM for the analysis of PAHs in soil gas or subsurface vapor.

Geosyntec verified and validated that the proposed NIOSH 5515M/TO-13AM air method will produce defensible data that are reproducible, traceable, transparent, and of known quality for the analysis of mercury in soil gas. The final version of the NIOSH 5515M/TO-13AM method as reviewed by Geosyntec was submitted to EGLE on August 5, 2020 and is attached.

This approval is conditioned on the inclusion of the following information with each final laboratory data package:

1. A copy of this approval letter (without the attachments);
2. Written verification from Fibertec that the samples were analyzed in accordance with the approach and modifications identified in the August 7, 2020 letter as attached, and;
3. Written verification from the field sampling collection team that all field sampling methodology including sampling collection rates and volumes, calibration of sampling pumps, and the collection of blanks used in the collection of the soil gas or subsurface vapor sample were performed as outlined and described in the August 7, 2020 letter as attached.

If the above conditions are not met, EGLE approval of the data generated from the use of the NIOSH 5515M/TO-13AM air method may not be possible. This approval with conditions is based upon the representations and information contained in the August 7, 2020 that contains information on the modifications as provided by Fibertec and does not speak to the representativeness of the sample, nor that sufficient sampling was completed.

If you should have further questions or concerns, please contact Matthew Williams at williamsm13@michigan.gov at your earliest convenience.

Sincerely,



Joshua M. Mosher, Assistant Director
Remediation and Redevelopment Division

Attachment

cc: Matthew Williams, Vapor Intrusion Specialist
Patricia Brandt, Program Specialist
file

7 August 2020

Matthew Williams
Volatilization to Indoor Air Specialist
Remediation and Redevelopment Division
Michigan Department of Environment, Great Lakes, and Energy
517-284-5171 | WilliamsM13@Michigan.gov

Subject: Approval of NIOSH 5515M / TO-13AM for Polycyclic Aromatic Hydrocarbon (PAH) Analysis in Soil Gas by Fibertec, Inc.

Dear Mr. Williams:

Geosyntec Consultants of Michigan, Inc (Geosyntec) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to evaluate whether the methods used by the environmental analytical laboratory of Fibertec, Inc of Holt, Michigan (Fibertec laboratory) for collection and analysis of soil gas samples for PAH analysis by modified NIOSH Method 5515 and modified USEPA Method TO-13A will provide data of acceptable data quality in order to support EGLE's approval.

Geosyntec prepared a request for information (**Table 1**) and reviewed the documents provided by the Fibertec laboratory on July 27, 2020, in response to the request, which are included in **Attachment A**, specifically:

- The laboratory standard operating procedure(s) associated with the sample preparation and analysis.
- A full or EPA Contract Laboratory Program (CLP)-like data package that has been validated for samples prepared and analyzed by modified NIOSH Method 5515.
- Method detection limit study
- Standards traceability documentation
- Analyst training records
- Laboratory accreditations

- Reporting and detection limits

Geosyntec also reviewed the reporting limits for the method, provided by Fibertec (**Table 2**) to assure that the Fibertec analytical method is sensitive enough to reliably quantify PAHs from 0.001 to 0.25 µg. In order to have a concentration reporting limit equal to or less than the criteria for PAHs in residential soil vapor or subslab vapor provided by Shane Morrison of Michigan EGLE via email on 10 March 2020, the sample volume would need to be at least 0.75 liter (L), which is necessary to quantify phenanthrene at 3.5 microgram per cubic meter (µg/m³). We consider the sample volume of 2 L recommended by Fibertec to be appropriate because it provides a margin above the minimum volume that will help to avoid uncertainties that may be associated with barely reportable concentrations. We recommend that the samples be collected at a flow rate no greater than 0.2 liters per minute (L/min). This corresponds to a sample duration of about 10 minutes, which is practical, affordable and easily measured.

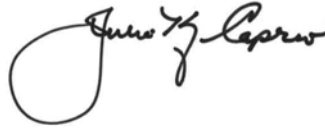
Review and approval of Fibertec's sampling standard operating procedure (SOP) will be done under a separate cover. We recommend that the SOP includes: purging of at least one tubing volume of soil gas through a sacrificial tube prior to sampling; confirming that the sampling flow rate can be sustained without laboring the pump (permeability is adequate); and confirming water is not drawn up from the probe. Additionally, we recommend that language be added to the SOP that indicates that the sampling protocol can be modified, but only in ways that meet project specific data quality objectives, through submittal of a request for EGLE to review a Response Activity Plan, under Section 20114b, Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Geosyntec also performed a Stage 4 validation of the data package submitted by Fibertec and concluded that the reported results were correctly produced per the specifications of the provided laboratory SOPs.

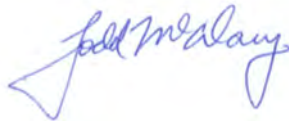
Geosyntec concludes that Fibertec laboratory can provide defensible data that are traceable, transparent and of known quality, if analyses are conducted in accordance with the attached documents and Fibertec receives the volumetric flow rate through the sampling apparatus, total sample volume, and a fortified field blank to demonstrate acceptable recoveries is carried to sampling sites by the field representative who collects the samples.

Matthew Williams
7 August 2020
Page 3

Regards,



Julia K. Caprio MBA ASQ-CMQ/OE
Sr. Principal/Quality Assurance



Todd A. McAlary, Ph.D., CUT, P.Eng.ON, BC, P.G.NC
Practice Leader – Vapor Intrusion Services

Attachments:

Table 1 – Documentation Checklist for PAHs by Modified NIOSH 5515 / USEPA
TO-13A

Table 2 – Reporting Limits and Volume Requirements for Soil Vapor
Attachment A - Submitted Documentation

Copies to: Sam Baushke, Geosyntec



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



LIESL EICHLER CLARK
DIRECTOR

August 10, 2020

Fibertec Environmental Services
c/o Mr. Daryl Strandbergh, Laboratory Director
1914 Holloway Drive
Holt, Michigan 48842

Dear Mr. Strandbergh:

**SUBJECT: Notice of Approval with Conditions for NIOSH 6009 Modified (6009M)
Method for Mercury Analysis in Soil Gas**

The Michigan Department of Environment, Great Lakes, and Energy, Remediation and Redevelopment Division (EGLE-RRD) has reviewed the proposed modifications to the National Institute for Occupational Safety and Health's analytical method 6009 for the analysis of mercury in soil gas (NIOSH 6009M). The NIOSH 6009M was submitted and proposed by Fibertec Environmental Services of Holt, Michigan (Fibertec). In addition to EGLE's review, the modifications underwent a technical review by Geosyntec Consultants of Ann Arbor, Michigan (Geosyntec). Based upon EGLE's review and Geosyntec's recommendation, EGLE conditionally approves of Fibertec's use of NIOSH 6009M for the analysis of mercury in soil gas or subsurface vapor.

Geosyntec verified and validated that the proposed NIOSH 6009M air method will produce defensible data that are reproducible, traceable, transparent, and of known quality for the analysis of mercury in soil gas. The final version of the NIOSH 6009M method as reviewed by Geosyntec was submitted to EGLE on August 5, 2020 and is attached.

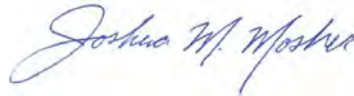
This approval is conditioned on the inclusion of the following information with each final laboratory data package:

1. A copy of this approval letter (without the attachments);
2. Written verification from Fibertec that the samples were analyzed in accordance with the approach and modifications identified in the August 5, 2020 letter as attached, and;
3. Written verification from the field sampling collection team that all field sampling methodology including sampling collection rates and volumes, calibration of sampling pumps, and the collection of blanks used in the collection of the soil gas or subsurface vapor sample were performed as outlined and described in the August 5, 2020 letter as attached.

If the above conditions are not met, EGLE approval of the data generated from the use of the NIOSH 6009M air method may not be possible. This approval with conditions is based upon the representations and information contained in the August 5, 2020 that contains information on the modifications as provided by Fibertec and does not speak to the representativeness of the sample, nor that sufficient sampling was completed.

If you should have further questions or concerns, please contact Matthew Williams at williamsm13@michigan.gov at your earliest convenience.

Sincerely,

A handwritten signature in blue ink that reads "Joshua M. Mosher". The signature is written in a cursive style.

Joshua M. Mosher, Assistant Director
Remediation and Redevelopment Division

Attachment

cc: Matthew Williams, Vapor Intrusion Specialist
Patricia Brandt, Program Specialist
file

5 August 2020

Matthew Williams
Volatilization to Indoor Air Specialist
Remediation and Redevelopment Division
Michigan Department of Environment, Great Lakes, and Energy
517-284-5171 | WilliamsM13@Michigan.gov

Subject: Approval of NIOSH 6009M for mercury analysis in soil gas by Fibertec, Inc.

Dear Mr. Williams:

Geosyntec Consultants of Michigan, Inc (Geosyntec) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to evaluate whether the methods used by the environmental analytical laboratory of Fibertec, Inc of Holt, Michigan (Fibertec laboratory) for collection and analysis of soil gas samples for mercury analysis by modified NIOSH Method 6009 will provide data of acceptable data quality in order to support EGLE's approval.

Geosyntec prepared a request for information (**Table 1**) and reviewed the documents provided by the Fibertec laboratory on June 12, 2020, in response to the request, which are included in **Attachment A**, specifically:

- The laboratory standard operating procedure(s) associated with the sample preparation and analysis.
- A full or EPA Contract Laboratory Program (CLP)-like data package that has been validated for samples prepared and analyzed by modified NIOSH Method 6009.
- Method detection limit study
- Standards traceability documentation
- Analyst training records
- Laboratory accreditations
- Reporting and detection limits

Geosyntec also reviewed the reporting limits for the method, provided by Fibertec (**Table 2**) to assure that the Fibertec analytical method is sensitive enough to reliably quantify mercury at 0.001 µg. In order to have a concentration reporting limit equal to or less than the 10 microgram per cubic meter (µg/m³) criteria for mercury in residential soil vapor or subslab vapor provided by Shane Morrison of Michigan EGLE via email on 10 March 2020, the sample volume would need to be at least 0.1 liter (L). We recommend a minimum sample volume of 0.5 L to be collected at a flow rate no greater than 250 milliliters per minute (mL/min). This corresponds to a sample duration of a few minutes or less, which is both practical, affordable and easily measured.

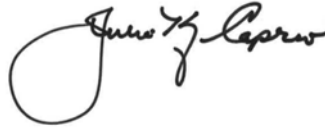
Review and approval of Fibertec's sampling standard operating procedure (SOP) will be done under a separate cover. We recommend that the SOP includes: purging of at least one tubing volume of soil gas through a sacrificial hopcalite tube prior to sampling; confirming that the sampling flow rate can be sustained without laboring the pump (permeability is adequate); and confirming water is not drawn up from the probe. Additionally, we recommend that language be added to the SOP that indicates that the sampling protocol can be modified, but only in ways that meet project specific data quality objectives, through submittal of a request for EGLE to review a Response Activity Plan, under Section 20114b, Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Geosyntec also performed a Stage 4 validation of the data package submitted by Fibertec and concluded that the reported results were correctly produced per the specifications of the provided laboratory SOPs.

Geosyntec concludes that Fibertec laboratory can provide defensible data that are traceable, transparent and of known quality, if analyses are conducted in accordance with the attached documents and Fibertec receives the volumetric flow rate through the sampling apparatus, total sample volume, and one field blank per sampling event from the field representative who collects the samples.

Matthew Williams
5 August 2020
Page 3

Regards,

A handwritten signature in black ink, appearing to read "Julia K. Caprio". The signature is fluid and cursive, with a large initial "J" and "C".

Julia K. Caprio MBA ASQ-CMQ/OE
Sr. Principal/Quality Assurance

A handwritten signature in blue ink, appearing to read "Todd A. McAlary". The signature is cursive and includes a stylized arrow-like flourish at the end.

Todd A. McAlary, Ph.D., CUT, P.Eng.ON, BC, P.G.NC
Practice Leader – Vapor Intrusion Services

Attachments

Table 1 – Documentation Checklist for Mercury by Modified NIOSH 6009

Table 2 – Reporting Limits and Volume Requirements for Soil Vapor

Attachment A - Submitted Documentation

Copies to: Sam Baushke, Geosyntec

Attachment 7 – Laboratory Vapor Tube Sampling Procedures

DRAFT

Scope and Application

This sampling procedure applies to collection of Mercury, PAHs, or PCBs in soil vapor.

Equipment

- ~ Gilian BDx-II Air Sampling Pump
- ~ Rotameter
- ~ Differential Manometer
- ~ Charger/Adapter
- ~ MasterFlex Tubing
- ~ Stopwatch
- ~ Small Screwdriver
- ~ Tube End Cutting Device
- ~ T-splitters – for duplicate sampling
- ~ Stopcock / 3-way splitter
- ~ Sample Tubes/Sorbent Tubes
- ~ Sorbent Tubes for Field Blanks and Calibrations
- ~ Field Spike (prepared by Laboratory)
- ~ Aluminum Foil (only PAHs)
- ~ Field Worksheet
- ~ Chain of Custody

Safety Warnings/Caution – Sorbent tubes with broken ends are sharp. Be careful to avoid being cut.

Procedures

Initial Setup

- 1.) Prepare a **Field Blank** and **Field Spike** at the sampling location prior to sampling.
 - a. **Field Blank:** Open one of the sample tubes provided by breaking open both ends with the tube cutter. Place caps over both ends of the tube and label as field blank. *If sampling PAHs, please wrap in foil provided and place on ice before returning.*
 - b. **Field Spike:** The tube labeled Field Spike (prepared at laboratory) must accompany sample tubes to the site and the caps (and foil for PAHs) should never be removed. The Field Spike is to remain with the samples and returned to the laboratory upon completion of the sampling event.
 - c. **Sorbent Tubes:** Based on what you are sampling, there will be different tubes provided for each individual test, packaged and labeled for the specific test along with extras for breakage and calibration.
 - d. Date the Field Worksheet.
- 2.) Leak check the sampling point using helium or the water dam method if helium check is not possible. If collecting volatiles using T015, the one leak check is sufficient for collecting sorbent tubes in addition to volatiles. If volatiles are not being collected, the same equipment is used with an adapter to replace the flow regulator for the leak check.
 - a. Go to: <https://dnr.wi.gov/files/PDF/pubs/rr/RR986.pdf> for further instructions on how to properly set up the water dam method.

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Pre Sampling

- 3.) Place the pump with rotameter and manometer upright near the sampling point.
- 4.) If not already done, connect the black end of the flow restrictor hose to rotameter's side A (the upper, back side of the rotameter) and the white end to the top of the pump, as shown in **Figure-1**.
- 5.) Connect the manometer to rotameter's side B (the lower, back side of the rotameter) as shown in **Figure 1**.
- 6.) Break open both ends of a pre sampling calibration tube with the enclosed tube cutter.
 - a. The same pre sampling calibration tube can be reused for all sampling points on the project.
- 7.) Use the stop-cock and Masterflex tubing provided to connect the pre sampling tube to the sampling point, as pictured in **Figures 2 & 3**.
 - a. Note: The arrow printed on the tube must point in the direction of the sample flow, towards the rotameter and away from the sample point.
Note: The stop-cock and Masterflex tubing connecting the sample point to the tube must be very short (1-2cm), clean and used only for one sampling point then discarded.
- 8.) Perform the pre sampling calibration test, turn on the pump and adjust the flow rate by turning the brass screw on the black flow restrictor hose with a screwdriver, as pictured in **Figure 4**.
 - a. Before starting zero/tare out the manometer before using by pressing the triangle button, (far left of the three buttons).
 - b. Verify sustainable flow of 0.2L/min (measured as center of floating ball on the rotameter).
 - c. Verify sample back pressure ≤ 75 hPa. If so then continue as there is sufficient soil vapor.
 - d. The pre calibration test should take no more than 1-2 minutes. A back pressure exceeding >75 hPa indicates there may be insufficient soil vapor. If so, try reducing flow rate to 0.1 L/min. If back pressure is then ≤ 75 hPa, sampling time will need to be doubled.
- 9.) **Note: Check for water before proceeding. If water is noticed in the sampling train, do not continue to sample that point.**
- 10.) Turn stop-cock so that the vapor point is closed as shown in **Figure 3**.

Sampling

- 11.) Take a new sorbent tube and prepare for sampling by breaking both ends (and wrapping in foil if sampling for PAHs). The new sorbent tube is connected in the same direction as the pre sampling calibration tube.
- 12.) Turn stop-cock so that the vapor point is open as shown in **Figure 3**.
- 13.) Reset the stopwatch if it wasn't done previously. To do so press both the left and right buttons on the stop watch simultaneously.
- 14.) Turn on the pump while simultaneously starting the timer, and document the collection time on the field worksheet.
- 15.) Immediately verify the **Field Pre Cal Rate** by reading the rotameter gauge from the center of the floating ball, and record on the field worksheet under **Field Pre Cal Rate**. The flow should read *approximately 0.2 L/min*.
 - a. Record sample back pressure on the field worksheet under **Pre Back Pressure**.
- 16.) **Note: if water is drawn into the hose or tube, stop the sampling immediately, and void the sample.**
- 17.) **Sampling time and flow rate must be determined in advance with the laboratory***. The minimum sampling time for **PAH** and **Hg** are 10 minutes at 0.2 L/min, while **PCB** is 30 minutes at 0.2L/min.
- 18.) Record the *post cal* Flow Rate and back pressure on the field worksheet as the **Field Post Cal Rate** and **Post Back Pressure** during, but near end of sampling.
 - a. Note: Do not adjust the flow rate during sampling before turning off the pump.
 - b. Record the **Total Time** Sampled on the Field Worksheet.
- 19.) Turn stop-cock so that the vapor point is closed as shown in **Figure 3**.

Post Sampling

- 20.) Disconnect the sorbent tube, and package it for transport to the lab.
 - a. Place caps over both ends of each tube.
 - b. If PAH analysis is required, each sample tube is wrapped **completely** and **individually** with the provided aluminum foil.
 - c. Place each tube in a small Ziploc bag, and document the sample ID on each bag.
 - d. Place all bagged tubes into a large Ziploc bag to keep them dry, and place in a cooler on ice.

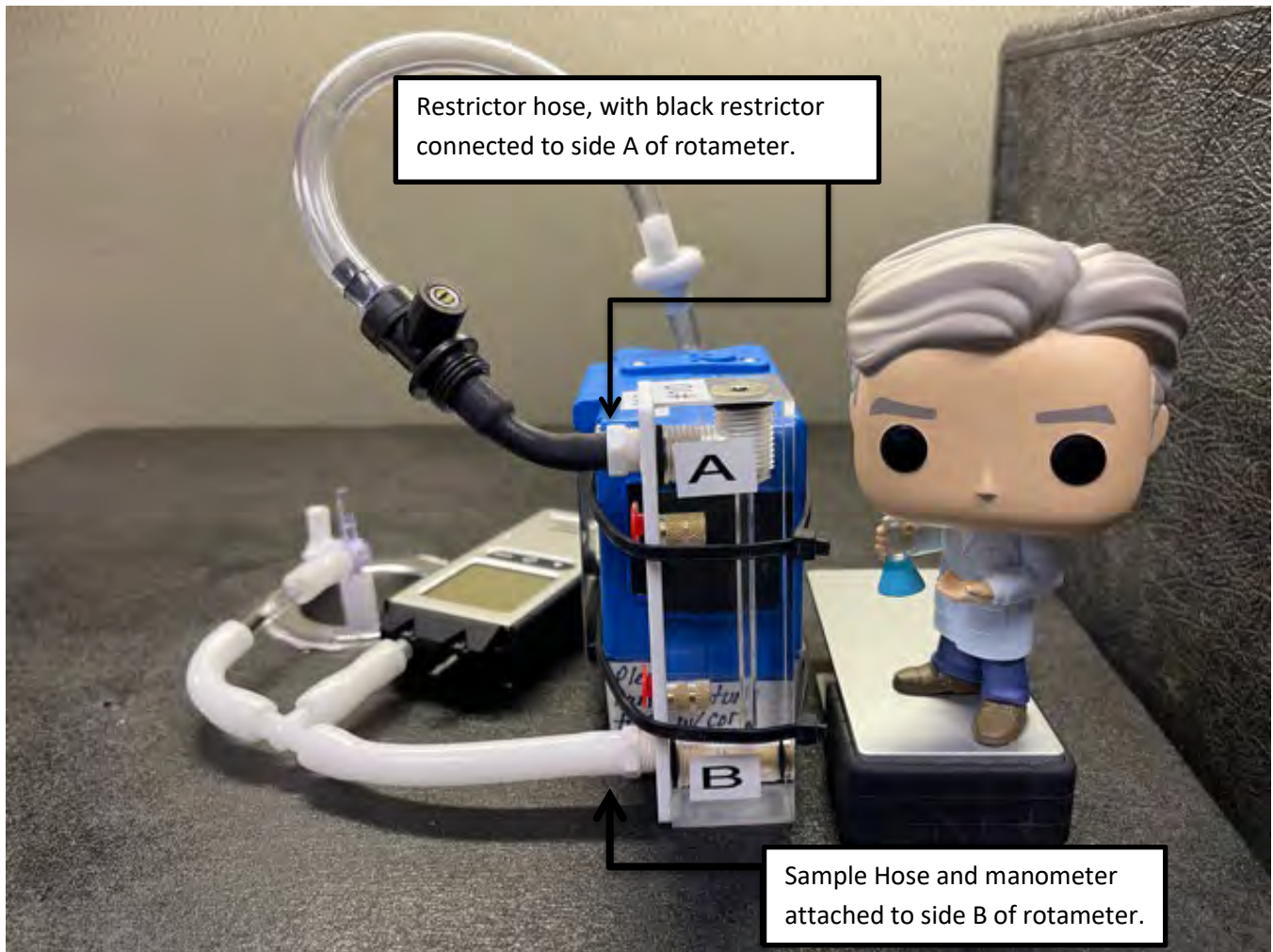
**These sampling instruction as provided are generic to the extent that it is incumbent on the consulting team to modify them as necessary in order to meet the project specific data quality objectives. Modifications to sample collection methods can be made through submittal of a request for EGLE to review a response Activity Plan, under Section 201146, Part 201, Environmental Remediation of Natural resources and Environmental Protection Act, 1994 PA451, as amended.*

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Vapor Tube Sampling Procedure

Figure 1:

Sides A and B Connected to Pump and Sampling Point

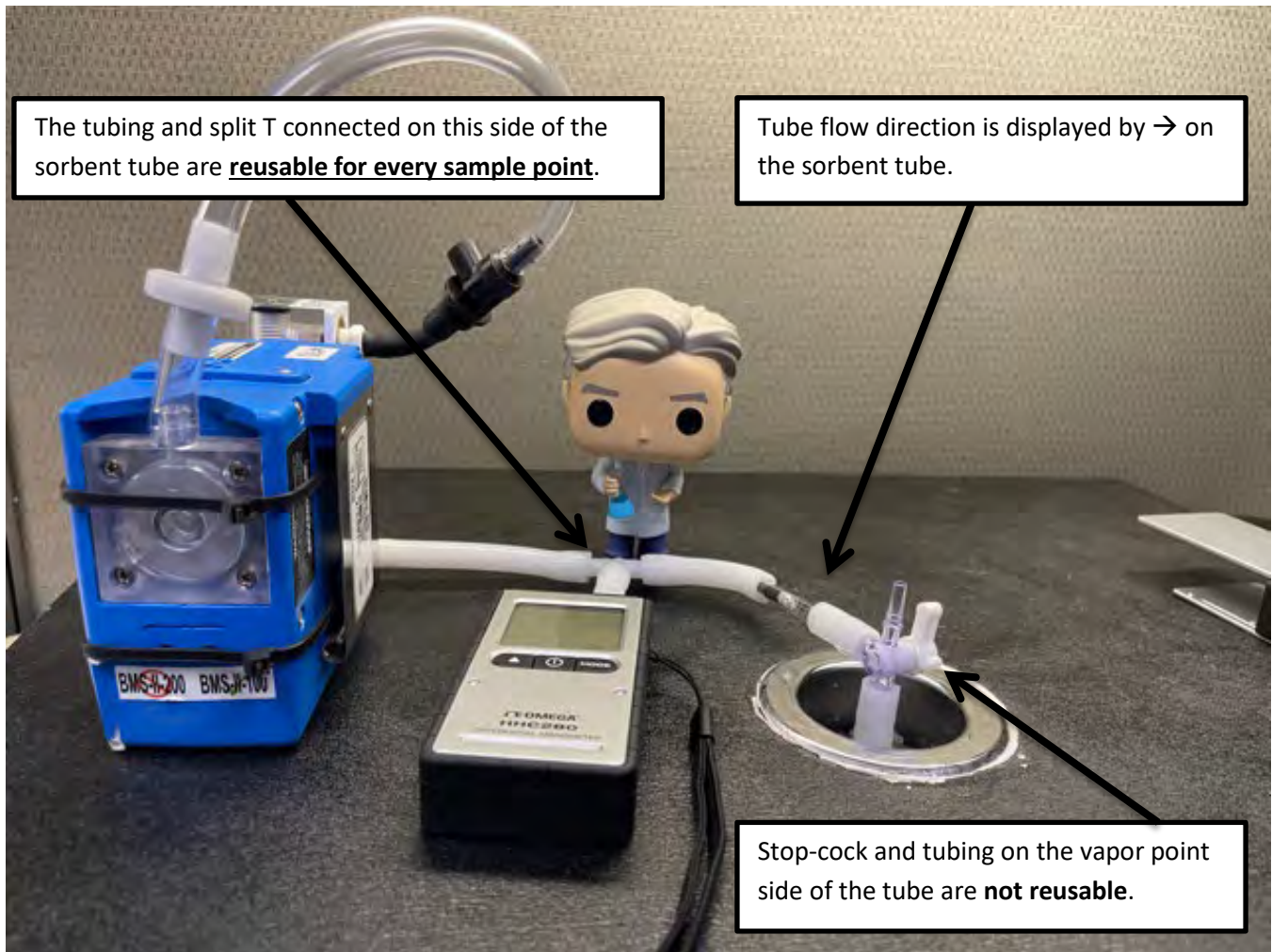


Vapor Tube Sampling Procedure

Figure 2:

Pump, Rotameter, and Manometer all Connected to the Sampling Point

Please note in figure 2, the sample tube is connected to the vapor pin using a very short length of new tubing. The length of the tubing should be as short as possible.



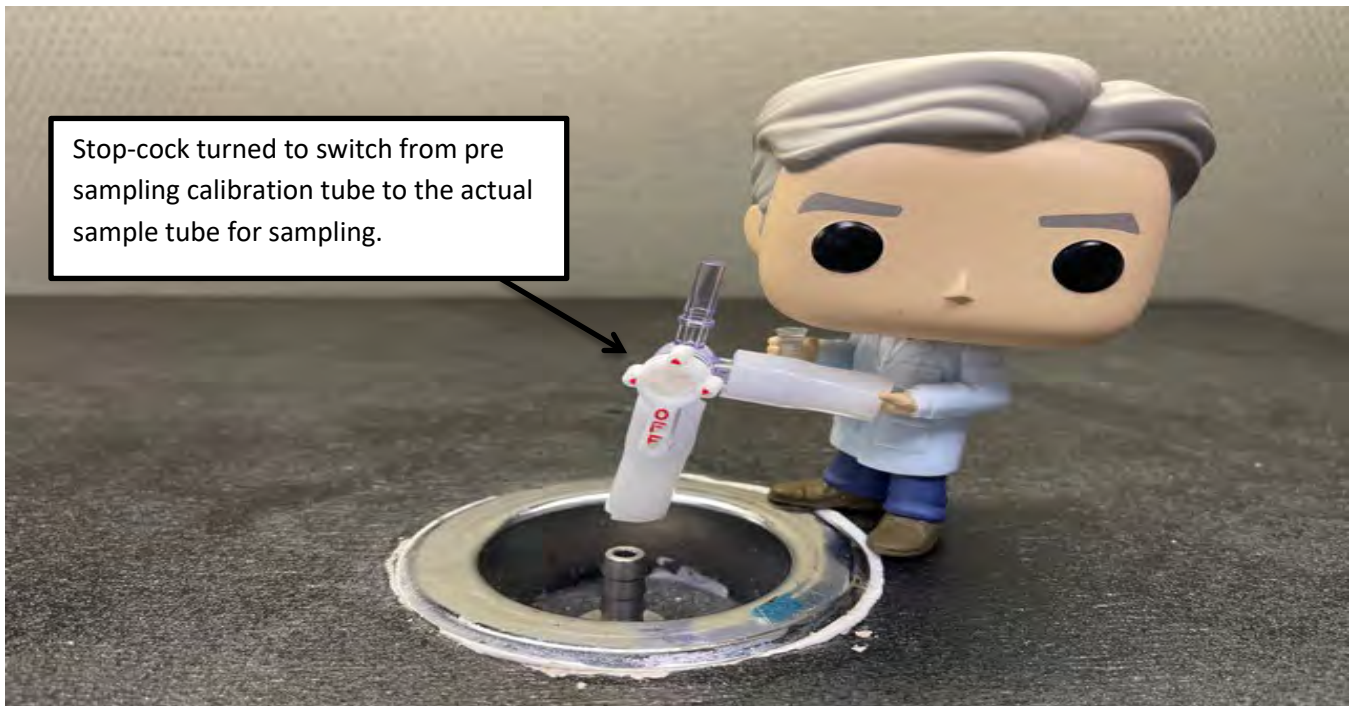
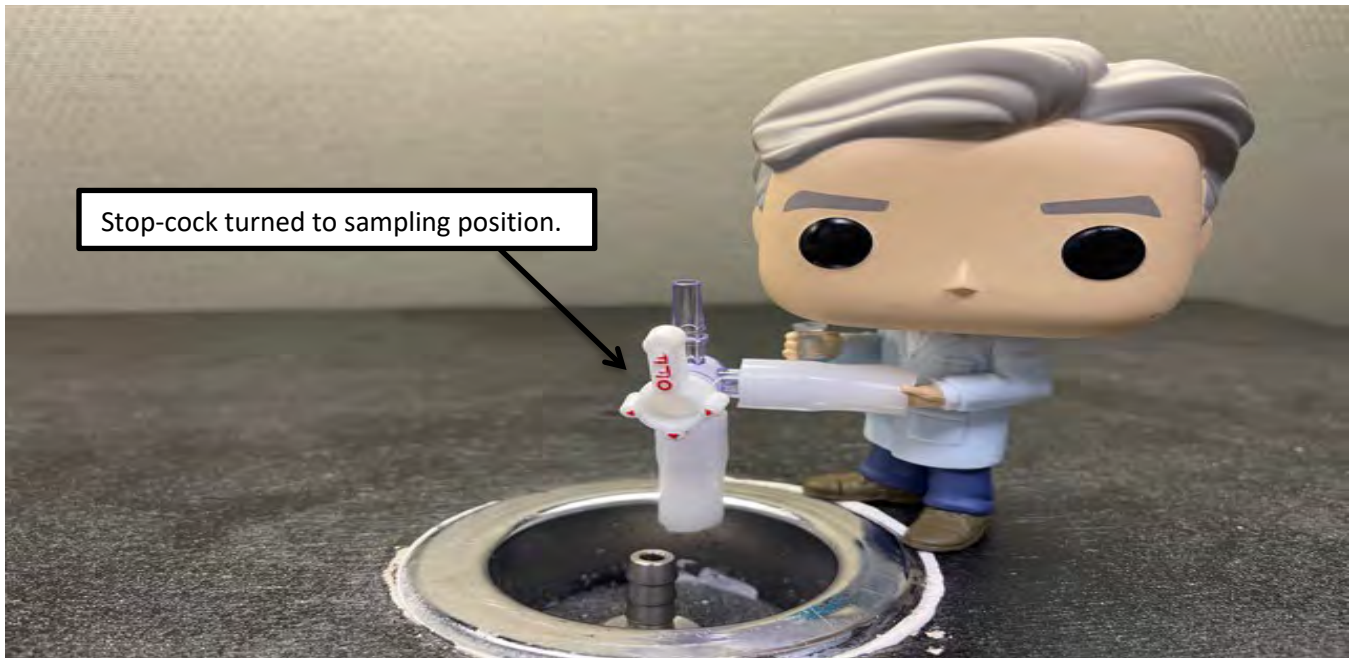
To achieve a leak free connection (~1-2CM)

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Vapor Tube Sampling Procedure

Figure 3:

Stop-cock Turned to Open and Close the Vapor Point While Sampling

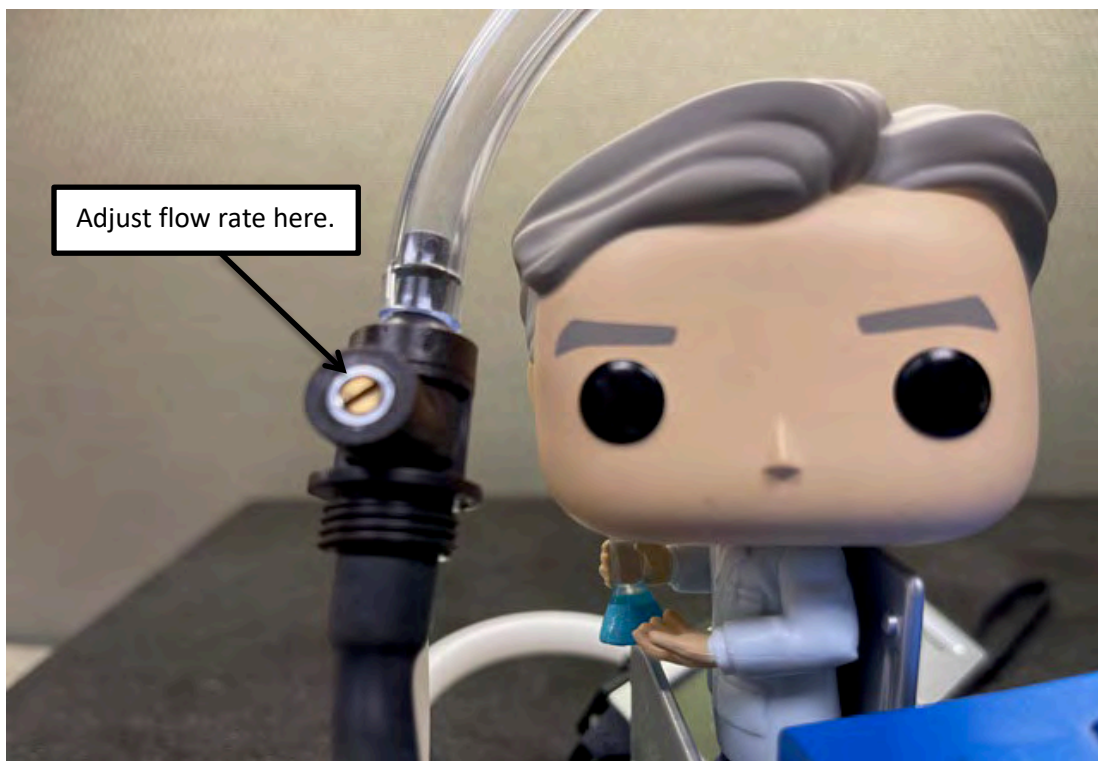
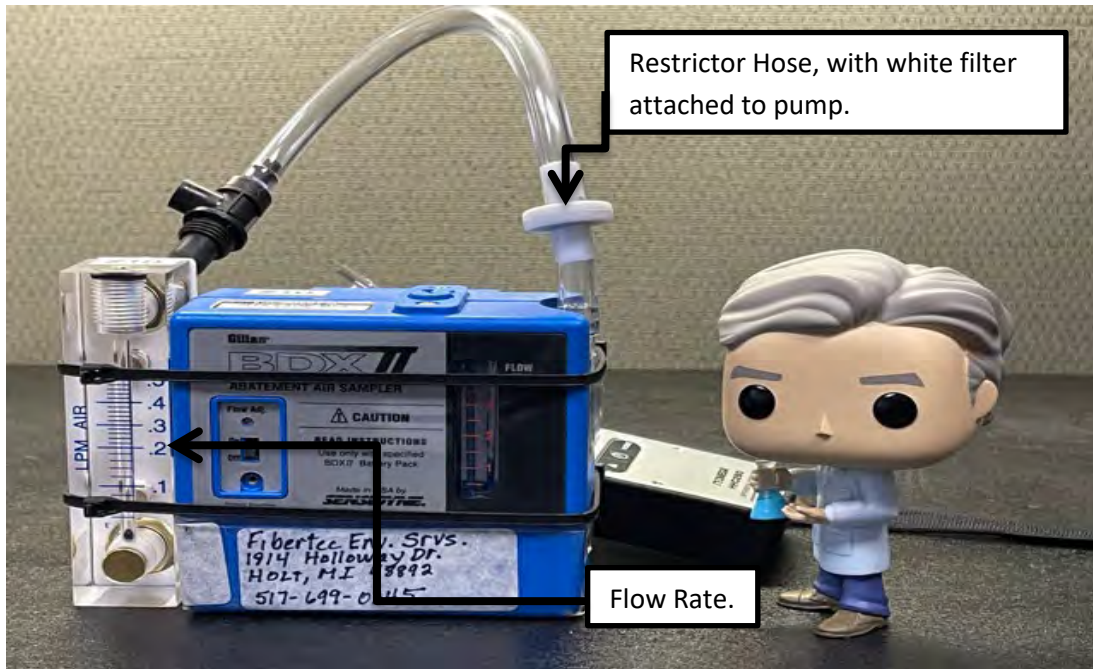


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Vapor Tube Sampling Procedure

Figure 4:

Restrictor Hose and Flow Adjustment Screw



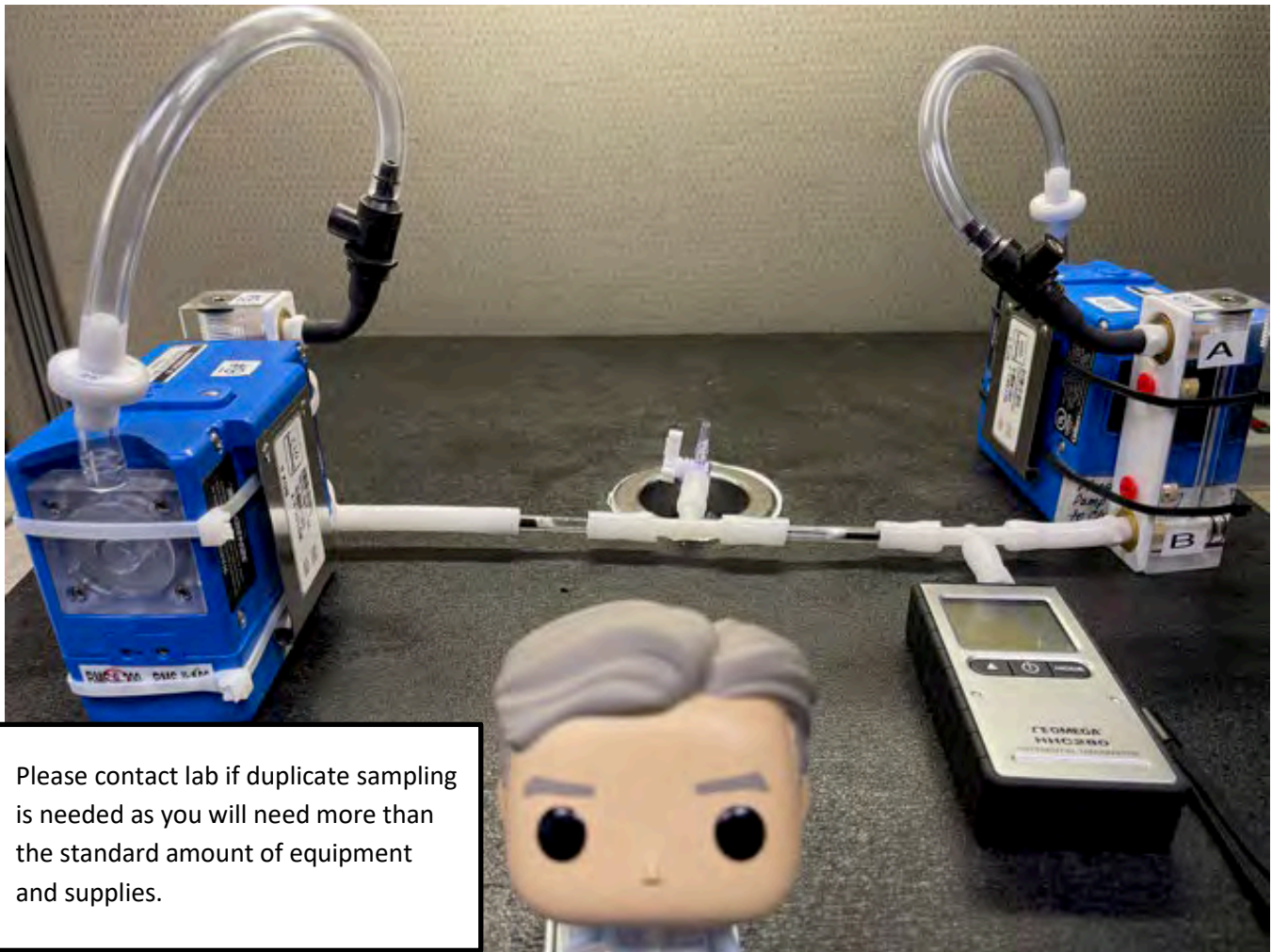
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Vapor Tube Sampling Procedure

Figure 5:

Setup for Duplicate Sampling

(Requires 2 Pumps, 2 Rotameters and 1 Manometer. All tubing and split t's will be supplied if a Duplicate is ordered)



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